

Montana Tech Library

Digital Commons @ Montana Tech

Silver Bow Creek/Butte Area Superfund Site

Montana Superfund

Spring 4-2022

Butte Priority Soils Operable Unit Silver Bow Creek/Butte Area NPL Site

TREC Inc., A Woodard and Curran Company

Follow this and additional works at: https://digitalcommons.mtech.edu/superfund_silverbowbutte



Part of the [Environmental Health and Protection Commons](#), [Environmental Indicators and Impact Assessment Commons](#), and the [Environmental Monitoring Commons](#)

Atlantic Richfield Company

Josh Bryson
Liability Manager

317 Anaconda Road
Butte MT 59701
Direct (406) 782-9964
Fax (406) 782-9980

April 8, 2022

Nikia Greene
Remedial Project Manager
US EPA Region 8 Montana Office,
Federal Bldg., 10 W. 15th St., Suite 3200
Helena, Montana 59626

Erin Agee, Senior Assistant Regional Counsel
Mail Code 8 ORC_LE_C
Office of Regional Counsel - CERCLA
1595 Wynkoop Street
Denver, Colorado 80202

Daryl Reed
DEQ, Project Officer
P.O. Box 200901
Helena, Montana 59620-0901

Jonathan Morgan, Esq.
DEQ, Legal Counsel
P.O. Box 200901
Helena, Montana 59620-0901

RE: 2021 Butte Priority Soils Operable Unit (BPSOU) Draft Groundwater Monitoring Data Summary Report. Consent Decree- Civil Action No. CV 89-039-BU-SHE

Agency Representatives:

I am writing to you on behalf of Atlantic Richfield Company to submit the Silver Bow Creek/Butte Area NPL Site BPSOU Draft 2021 Groundwater Monitoring Data Summary Report for your review and approval. The report summarizes interim site-wide groundwater monitoring conducted in 2021. The report and appendices may be downloaded at the following link:

[2021 BPSOU Groundwater Data Summary Report](#)

If you have any questions or comments, please call me at (406) 723-1834.

Sincerely,



Josh Bryson, PE, PMP
Liability Manager
Remediation Management Services Company
An affiliate of **Atlantic Richfield Company**

Atlantic Richfield Company

317 Anaconda Road
Butte MT 59701
Direct (406) 782-9964
Fax (406) 782-9980

Cc: Patricia Gallery / Atlantic Richfield - email
Chris Greco / Atlantic Richfield - email
Loren Burmeister / Atlantic Richfield - email
Mike McAnulty / Atlantic Richfield - email
Dave Griffis / Atlantic Richfield - email
Jean Martin / Atlantic Richfield - email
Irene Montero / Atlantic Richfield - email
Don Booth / AR Consultant - email
David Gratson / Environmental Standards - email
Mave Gasaway / DGS - email
Brianna McClafferty / H&H - email
Joe Vranka / EPA - email
David Shanight / CDM - email
Curt Coover / CDM - email
James Freeman / DOJ - email
John Sither / DOJ - email
Jenny Chambers / DEQ - email
Dave Bowers / DEQ - email
Carolina Balliew / DEQ - email
Matthew Dorrington / DEQ - email
William George / DEQ - email
Jim Ford / NRDP - email
Pat Cunneen / NRDP - email
Harley Harris / NRDP - email
Katherine Hausrath / NRDP - email
Meranda Flugge / NRDP - email
Ted Duaine / MBMG - email
Gary Icopini / MBMG - email
Becky Summerville / Inland - email
Kristen Stevens / UP - email
Robert Bylsma / UP - email
John Gilmour / UP - email
Leo Berry / BNSF - email
Robert Lowry / BNSF - email
Brooke Kuhl / BNSF - email
Mark Engdahl / BNSF - email
Jeremie Maehr / Kennedy Jenks - email
Annika Silverman / Kennedy Jenks - email
Matthew Mavrinac / RARUS - email
Harrison Roughton / RARUS - email
Brad Gordon / RARUS - email
JP Gallagher / BSB - email
Mark Neary / BSB - email



A bp affiliated company

Atlantic Richfield Company

317 Anaconda Road
Butte MT 59701
Direct (406) 782-9964
Fax (406) 782-9980

Julia Crain / BSB - email
Eric Hassler / BSB - email
Sean Peterson / BSB - email
Brandon Warner / BSB - email
Chad Anderson / BSB - email
Abigail Peltomaa / BSB - email
Gordon Hart / BSB - email
Jeremy Grotbo / BSB - email
Josh Vincent / WET - email
Craig Deeney / TREC - email
Scott Bradshaw / TREC - email
Brad Archibald / Pioneer - email
Pat Sampson / Pioneer - email
Joe McElroy / Pioneer - email
Adam Logar / Pioneer - email
Andy Dare / Pioneer - email
Leesla Jonart / Pioneer - email
Randa Colling / Pioneer - email
Karen Helfrich / Pioneer - email
Ian Magruder / WWC Engineering
Peter Haun / WWC Engineering
CTEC of Butte - email
Montana Tech Library - email

File: MiningSharePoint@bp.com - email
BPSOU SharePoint - upload

Draft

Butte Priority Soils Operable Unit
Silver Bow Creek/Butte Area NPL Site

*Draft 2021 Groundwater Monitoring
Data Summary Report
January 2021 - December 2021*

Prepared for:

Atlantic Richfield Company
317 Anaconda Road
Butte, MT 59701

Prepared by:

TREC, Inc.
1800 West Koch, Suite 6
Bozeman, MT 59718

April 2022

TABLE OF CONTENTS

	<u>Page</u>
1.0 Introduction.....	1
1.1 Investigative Objectives.....	1
1.2 Data Quality Objectives and Assessment.....	2
2.0 Background / Site Description.....	2
2.1 Water Quality Monitoring Network.....	2
2.1.1 Alluvial Aquifer TI Zone.....	3
2.1.2 BPSOU Subdrain Capture System.....	3
2.1.3 Area between BPSOU Subdrain Capture System and LAO Groundwater Capture Systems.....	3
2.1.4 Lower Area One Capture System.....	4
2.1.5 Colorado Smelter Repository Area.....	4
2.2 Water Level Monitoring Network.....	4
3.0 Summary of Sampling Activities.....	5
3.1 Water Quality Monitoring Methods.....	5
3.2 Water Level Monitoring Methods.....	5
3.3 Continual Water Level Measurements.....	5
3.4 Water Quality Results.....	6
3.4.1 Water Quality Data Assessment.....	6
3.5 Water Level Results.....	7
3.5.1 Continual Water Level Results.....	8
3.6 Operation and Maintenance Activities.....	8
4.0 Deviations from the QAPP.....	8
4.1 Water Levels.....	8
4.2 Continuous Water Levels.....	9
4.3 Water Quality.....	10
4.3.1 Spring.....	10
4.3.2 Fall.....	10
5.0 Summary.....	10
6.0 References.....	11

LIST OF TABLES

- Table 1. ROD/RODA Groundwater Standards
- Table 2. BPSOU 2021 Groundwater Monitoring Network – Water Quality
- Table 3. BPSOU 2021 Groundwater Monitoring Network – Water Levels
- Table 4. BPSOU 2021 Continual Water Level Monitoring Network
- Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results – Dissolved Metals
- Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results - Field
- Table 6. BPSOU 2021 Groundwater Elevations
- Table 7. Operations and Maintenance – Observed Well Effects

LIST OF FIGURES

- Figure 1. BPSOU Data Summary Report Groundwater Monitoring Network
- Figure 2. BPSOU Water Quality – Spring 2021 – Arsenic Concentrations
- Figure 3. BPSOU Water Quality – Spring 2021 – Cadmium Concentrations
- Figure 4. BPSOU Water Quality – Spring 2021 – Copper Concentrations
- Figure 5. BPSOU Water Quality – Spring 2021 – Mercury Concentrations
- Figure 6. BPSOU Water Quality – Spring 2021 – Lead Concentrations
- Figure 7. BPSOU Water Quality – Spring 2021 – Zinc Concentrations
- Figure 8. BPSOU Water Quality – Fall 2021 – Arsenic Concentrations
- Figure 9. BPSOU Water Quality – Fall 2021 – Cadmium Concentrations
- Figure 10. BPSOU Water Quality – Fall 2021 – Copper Concentrations
- Figure 11. BPSOU Water Quality – Fall 2021 – Mercury Concentrations
- Figure 12. BPSOU Water Quality – Fall 2021 – Lead Concentrations
- Figure 13. BPSOU Water Quality – Fall 2021 – Zinc Concentrations

LIST OF APPENDICES

- Appendix A – Groundwater Sampling Field Forms
- Appendix B – Data Quality Assessment
- Appendix C – Continuous Water Levels
- Appendix D – Data

ABBREVIATIONS AND ACRONYMS

ARAR	Applicable Relevant and Appropriate Requirements
BMFOU	Butte Mine Flooding Operable Unit
BPSOU	Butte Priority Soils Operable Unit
BRW	Butte Reduction Works
BTC	Blacktail Creek
BTL	Butte Treatment Lagoons
CFRSSI	Clark Fork River Superfund Site Investigations
COC	Constituent of Concern
DM/DVP	Data Management/Data Validation Plan
DO	Dissolved Oxygen
DOJ	Montana Department of Justice
DQA	Data Quality Assessment
DQO	Data Quality Objectives
DSR	Data Summary Report
EPA	Environmental Protection Agency
FB	Field Blank
LAO	Lower Area One
MBMG	Montana Bureau of Mines and Geology
O&M	Operations and Maintenance
ORP	Oxidation Reduction Potential
POC	Point of Compliance
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RG	Remediation Goal
ROD	Record of Decision
RODA	Record of Decision Amendment
SBC	Silver Bow Creek
SC	Specific Conductivity
SOP	Standard Operating Procedure
TI	Technical Impracticability
TREC	TREC, Inc.
uSBC	upper Silver Bow Creek

1.0 INTRODUCTION

This Data Summary Report (DSR) presents the results of groundwater sampling and analysis performed within the Butte Priority Soils Operable Unit (BPSOU) during 2021. Groundwater monitoring was performed by TREC, Inc. (TREC) on behalf of Atlantic Richfield Company, in general compliance with the *Silver Bow Creek/Butte Area NPL Site 2021 Butte Priority Soils Operable Unit Interim Site-Wide Groundwater Monitoring Quality Assurance Project Plan (QAPP) (2021 BPSOU GW QAPP) (Atlantic Richfield, 2021)*.

The following information is included in this report:

- Description of field methods;
- Locations of sampling sites and sampling methods;
- Laboratory analytical results;
- Field parameter measurements associated with sample collection;
- Manual water level measurements;
- Hydrographs of continuous water level measurements;
- Data quality assessment;
- Data validation checklists;
- Raw data including laboratory analytical data and continuous water level data.

Original field notebooks and data sheets for 2021 monitoring discussed in this DSR are located at TREC's field office in Butte, MT.

1.1 Investigative Objectives

The BPSOU Record of Decision (ROD) (USEPA, 2006b) requires long-term groundwater monitoring be implemented for the alluvial aquifer, “...to ensure that ground water capture systems are effective; to determine that contaminated ground water is not leaving the [Technical Impracticability] TI zone or discharging to surface water” to the extent that the ground water remedy is not protective of surface water; “to provide additional information as necessary on the movement, quality, and quantity [of] ground water; and to provide data for review of the ground water remedy.”

The 2021 BPSOU GW QAPP established a basis for monitoring activities and data utilization to meet the monitoring objectives specified in the ROD and the 2020 Record of Decision Amendment (RODA) (USEPA, 2020a). Data collected under the QAPP must be of sufficient quality to assess performance of groundwater capture systems. A primary objective of the QAPP was to ensure that ROD/RODA specified performance standards are being met at Point of Compliance (POC) wells. Table 1 presents the performance standards. Per an Agency concurrence letter dated October 22, 2019, POC well BPS07-05A was exempted from meeting the arsenic standard.

Table 1. ROD/RODA Groundwater Standards

Contaminant of Concern	Standard¹ (Dissolved mg/L)
Arsenic ²	0.010
Cadmium	0.0050
Copper	1.3
Lead	0.015
Mercury	0.0020
Zinc	2.0

¹Standards apply to wells outside of the TI Zone

²BPS07-05A is excluded from compliance with the arsenic standard

1.2 Data Quality Objectives and Assessment

The data quality objective (DQO) process, defined in the 2021 BPSOU GW QAPP, is used to establish performance or acceptance criteria, which serve as the basis for designing a plan for collecting data of sufficient quality and quantity to support the goals of the study. Each step of the DQO process defines criteria that will be used to establish the final data collection design following the Guidance on Systematic Planning Using the Data Quality Objectives Process (USEPA, 2006a).

With the exceptions noted in Section 4.0, all site-wide 2021 groundwater monitoring was completed as planned and all analytical data were assessed as usable. COC concentrations at POC wells were within ROD/RODA specified performance standards. Potentiometric surface maps indicate that groundwater capture systems are working as intended.

2.0 BACKGROUND / SITE DESCRIPTION

The BPSOU covers approximately five square miles and includes the town of Walkerville, along with a large portion of the city of Butte. The BPSOU is largely urban and contains residential neighborhoods, schools, parks, and commercial and industrial areas. Silver Bow Creek (SBC), a small stream that runs through the base of the BPSOU, was designated a Superfund site by the Environmental Protection Agency (EPA) in September 1983. In 1987, the site was expanded to include the Butte area. Both alluvial and bedrock aquifers are present in the Butte area, with the bedrock aquifer being characterized and monitored under the Butte Mine Flooding Operable Unit (BMFOU), and the alluvial aquifer falling under the BPSOU. The alluvial aquifer has been impacted by past mining activities, as well as infiltration from mine waste. Groundwater COCs are arsenic, cadmium, copper, lead, mercury, and zinc.

2.1 Water Quality Monitoring Network

The site-wide interim groundwater monitoring program consists of collecting water quality samples at the monitoring network specified in Table 2 and displayed on Figure 1. The groundwater quality monitoring network is designed to meet the first two objectives specified in Section 1.1 and provide the basis for developing a long-term monitoring network. At the time the 2006 ROD was issued, the monitoring network was divided into the following five areas:

- Alluvial Aquifer TI Zone;
- BPSOU Subdrain Capture System;
- Area between BPSOU Subdrain Capture system and Lower Area One (LAO) Capture Systems;
- Lower Area One Capture System; and
- Colorado Smelter Repository Area.

2.1.1 Alluvial Aquifer TI Zone

The Selected Remedy requires groundwater capture and treatment to prevent the spread of contaminant plumes and to prevent the discharge of contaminated groundwater into Blacktail Creek (BTC) and SBC in concentrations that would adversely impact surface water quality. There are 14 wells in the Alluvial Aquifer TI Zone network, all of which are POC wells and scheduled for semi-annual sampling. These POC wells aid in determining if contaminant plumes are migrating outside the established TI Zone. The TI Zone is presented on Figure 1. The POC wells are listed in Table 2 along with relevant information for each monitoring location, including water level measurement frequency, water quality sampling frequency, location, and aquifer penetration.

2.1.2 BPSOU Subdrain Capture System

The purpose of the BPSOU Subdrain Capture System Network is to evaluate and ensure that the groundwater capture system in the eastern portion of the BPSOU is working as intended. Water levels, including nested well pairs, are used to determine whether contaminated groundwater in the shallow and deeper portions of the aquifer is flowing toward, or being captured by, the subdrain. Water quality data is used to map contaminant plumes and aid in evaluating the risk of plume migration beyond the TI Zone. Water level data collected along the BPSOU subdrain aids in evaluating the effectiveness of the subdrain and changes in the effectiveness. Table 2 lists the BPSOU Subdrain Capture System Network wells and relevant information for each monitoring location.

The BPSOU Subdrain Capture System Network currently includes 66 wells and 5 subdrain manholes, for a total of 71 water quality sites. Three wells are sampled on a 5-year cycle, 63 wells are scheduled for semi-annual sampling, and the 5 manholes are scheduled for annual sampling. In 2018 seven wells in the original network were abandoned as part of the Montana Department of Justice (DOJ) Parrot Tailings removal effort, so they are not represented in Table 2 (water quality) or Table 3 (water levels).

2.1.3 Area between BPSOU Subdrain Capture System and LAO Groundwater Capture Systems

The stream reach between the BPSOU Subdrain Capture System and LAO Capture System has been identified as an area of interest for evaluating groundwater inflow. Interactions between groundwater and surface water in this area are not yet fully understood, and one of the monitoring goals is to better understand potential interactions. Water level data, including nested well pairs, are used to determine horizontal and vertical gradients along with hydraulic gradients with respect

to the stream. Water quality data are also used to identify the potential for groundwater to degrade surface water quality.

In 2021, there were 26 wells in the Area between Capture Systems network. Of these wells, 25 are scheduled for semi-annual sampling, while one well is sampled on a 5-year basis. Table 2 lists the Area Between Groundwater Capture Zones Network wells and relevant information for each monitoring location.

2.1.4 Lower Area One Capture System

There are 15 monitoring wells within the LAO Capture System water quality network, with 8 of these wells being at the west end of the system. Eight wells in the LAO Capture System network are scheduled for semi-annual sampling, while the remaining 7 are sampled on a 5-year cycle. Water level data, including nested well pairs, are used to determine horizontal and vertical gradients along with determining hydraulic gradients with respect to the stream and hydraulic controls associated with the LAO Capture System (e.g., hydraulic control channel, lagoon cells). Table 2 lists the LAO Capture System Monitoring Network wells and relevant information for each monitoring location.

2.1.5 Colorado Smelter Repository Area

The Colorado Smelter Repository Area includes 2 wells, MW-G-96 and MW-H-96, and these wells are monitored for water level only. The purpose of monitoring these wells is to ensure that there is adequate separation between repository waste and groundwater.

2.2 Water Level Monitoring Network

The BPSOU site-wide interim groundwater level monitoring network includes 230 sites, specifically, 179 wells, 5 subdrain manholes, 35 surface water sites, 10 Butte Treatment Lagoon (BTL) surface water cells, and one Butte Reduction Works (BRW) surface water cell. The water level monitoring network is spread among the 5 areas described above. Since site-wide monitoring began in December 2007, changes have been made to the water level monitoring network as wells were drilled and/or abandoned, surface water stations were added, and conditions on the ground created additional areas of interest. Overall, the water level monitoring network has expanded since December 2007.

Manual water level measurements are made at all sites monthly, while 69 wells, 2 manholes, 1 BRW cell, and 2 surface water sites are equipped with continual recorders. Twelve of the groundwater continual recorder sites are maintained by the Montana Bureau of Mines and Geology (MBMG) and record hourly measurements. The remaining continual recorder sites are maintained by TREC on behalf of Atlantic Richfield and record 15-minute data. The groundwater level monitoring network is provided in Table 3, and Table 4 lists the continual level monitoring network maintained by TREC.

Groundwater level monitoring is coordinated with BMFOU water level monitoring; in that, an attempt is made to conduct monthly water level measurements in similar time frames to avoid duplicative efforts.

3.0 SUMMARY OF SAMPLING ACTIVITIES

Groundwater monitoring, including sample collection and water level measurement, was conducted throughout 2021 at the sites detailed in Table 2 (water quality) and Table 3 (water levels). These tables specify the sampling and water level measurement frequencies for each monitoring site. Figure 1 displays the BPSOU interim site-wide groundwater monitoring network. Spring groundwater sampling occurred April 22 through May 11 and Fall sampling occurred September 23 through October 7. All groundwater samples were analyzed by Pace Analytical Services of Minneapolis, MN. Water level monitoring was conducted January through December 2021. All groundwater monitoring activities were performed in accordance with Clark Fork River Superfund Site Investigation (CFRSSI) and TREC standard operating procedures (SOPs) and are detailed in the 2021 BPSOU GW QAPP. Refer to Section 4.0 for a list of deviations from the 2021 BPSOU GW QAPP.

3.1 Water Quality Monitoring Methods

Of the 110 wells scheduled for semi-annual sampling, 108 were sampled in April/May 2021 and 108 wells were also sampled in September/October 2021. The 5 subdrain manholes were sampled in May 2021. FP98-3 was not sampled in 2021 because it was dry and BPS11-10A was not sampled in 2021 because it was inaccessible. Refer to Section 4.0 for additional details. The next round of 5-year sampling is scheduled for 2023, so no 5-year wells were sampled in 2021. Semi-annual groundwater samples were laboratory analyzed for dissolved arsenic, cadmium, copper, lead, mercury, and zinc. Measured field parameters included temperature, pH, specific conductivity (SC), dissolved oxygen (DO), and oxidation-reduction potential (ORP).

The field sample identification scheme consists of letters to identify the sample type, followed by a 4-digit number to identify the sample number. The sample number is followed by 6 digits representing the monitoring date. The following is an example of a field sample identification.

Sample Code:		GW0025-050421
GW	=	Groundwater sample
0025	=	Sample number 25
050421	=	Monitoring date of 05/04/2021

3.2 Water Level Monitoring Methods

In 2021, TREC measured water levels in 165 wells, 5 manholes, 35 surface water sites, 10 BTL cell locations, and 1 BRW cell location monthly. Monthly water levels were measured in 14 additional wells by MBMG under BMFOU monitoring throughout 2021. The MBMG data was transmitted to TREC, eliminating duplicative efforts. Refer to Section 4.0 for any deviations pertaining to water level measurements.

3.3 Continual Water Level Measurements

Throughout 2021, TREC monitored water level on a continual basis in 57 wells, 2 BPSOU subdrain manholes, 1 BRW cell, and 2 surface water stations under the BPSOU interim site-wide groundwater monitoring program. Continual water level is recorded in an additional 6 wells under

both BPSOU interim site-wide monitoring and BMFOU groundwater monitoring. Thus, MBMG maintains these 6 recorders to eliminate duplicative efforts. MBMG monitors continual water level in an additional 6 wells under BMFOU only. Refer to Section 4.0 for any deviations pertaining to continual water level measurements.

Over the years, transducers have been added to the water level monitoring network for a variety of reasons. Numerous transducers were deployed in January 2010 to monitor drawdown during the BPSOU subdrain pump test. In February 2010, additional transducers were installed in wells and piezometers near the BPSOU subdrain vault in preparation for the subdrain isolation study. In late 2010, several transducers were installed in surface water sites and select wells, to accommodate the Butte Reduction Works (BRW) groundwater manipulation study. In December 2011, transducers were installed in two BRW area wells to assess the impact on groundwater, if any, from SBC culvert removal. Although the majority of the studies which the transducer deployments were originally associated with have been completed, most of the study transducers remain in place.

3.4 Water Quality Results

Spring 2021 site-wide semi-annual groundwater sampling commenced on April 22 and continued through May 11. Aside from FP98-3 and BPS11-10A, all wells in the BPSOU semi-annual site-wide network, along with the 5 BPSOU subdrain manholes, were sampled. Pioneer Technical Services collected the subdrain samples on May 11 on behalf of TREC. The spring sample count was: 113 natural samples, 8 duplicate samples, and 8 field blank (FB) samples, for a total of 129 samples. Each sample was analyzed for dissolved arsenic, cadmium, copper, lead, mercury, and zinc, for a total of 774 analyses. Field parameters measured at each sampling site were temperature, pH, SC, DO, and ORP. Water level was measured immediately prior to beginning the purge process and again immediately after sample collection.

Fall 2021 site-wide semi-annual groundwater sampling commenced on September 23 and was completed on October 7. All wells in the site-wide semi-annual network other than BPS11-10A and FP98-3 were sampled. FP98-3 was dry and BPS11-10A was damaged and inaccessible. In the fall, 108 natural samples, 7 field duplicates, and 7 FBs were collected for a total of 122 samples. Laboratory analysis in the fall was identical to spring analysis; thus, 732 analyses were completed. Fall field parameter measurements were also identical to spring field measurements.

Groundwater analytical data from the spring and fall sampling events are presented in Table 5a, while field measured data are provided in Table 5b. COC concentrations for each site are presented spatially in Figure 2 through Figure 7 (Spring) and Figure 8 through Figure 13 (Fall). Groundwater sampling field forms for 2021 sampling are provided in Appendix A. Refer to Section 4.0 for deviations related to water quality monitoring.

3.4.1 Water Quality Data Assessment

Data quality assessment (DQA) is performed to determine whether the DQOs identified in the 2021 BPSOU GW QAPP were satisfied. The DQA process is outlined in the CFRSSI Data Management/Data Validation Plan (DM/DVP) (ARCO, 1992b and 2000a) and is discussed in greater detail in Appendix B. Data validation was completed by TREC and included data review, statistical testing, verifying assumptions, and assigning data to utilization categories. The three

data utilization categories described in the DM/DVP are enforcement quality data, screening quality data, and rejected data. Enforcement quality data meet all quality assurance/quality control (QA/QC) and documentation requirements. Screening quality data do not meet all applicable QA/QC requirements and/or documentation requirements. Rejected data are unusable due to inappropriate sampling, analysis, or documentation procedures.

Water quality samples collected in 2021 generated 1,506 analytical data points, with 1,326 of these being natural sample data points, 90 being field duplicate data points, and 90 being FB data points. All analytical data points were validated following the procedures in TREC's *Data Validation Guidelines for Inorganic Chemistry* (TREC, 2021). TREC's guidelines align with EPA's *National Functional Guidelines for Inorganic Superfund Data Review* (USEPA, 2020b). Of the 1,326 natural sample data points generated, 1,260 were assigned enforcement quality, 66 were given screening quality, and none were rejected. Two wells were not sampled in the spring, and two wells were not sampled in the fall. Thus, of the 1,350 anticipated analyses, 1,326 were completed, resulting in 98% analytical completeness, which meets the 95% completeness goal specified in the QAPP. Given the lengthy period of record for BPSOU groundwater quality and the spatial density of the water quality and water level networks, the project DQOs were not affected by the omission of the wells not sampled in the spring and fall. A full data quality assessment of 2021 analytical data is provided in Appendix B. Because four wells were not sampled, four sets of field parameters (20 data points) were not collected. Of the 1,125 anticipated field measured data points, 1,105 were collected. Overall (analytical and field) sampling completeness was 98%.

3.5 Water Level Results

Table 6 presents 2021 BPSOU site-wide water levels. Throughout 2021, there were instances when wells could not be accessed because they were encased in ice; however, these wells were checked monthly. Damage to wells, active construction occurring in close proximity to water level monitoring sites, or other safety concerns occasionally prevented access for water level monitoring, but an attempt was made to monitor all sites every month. Completeness for 2021 water level monitoring was 98%.

The internal casings on five wells (BMW-03A, CT SW-4, FP98-4, GS-08, and GS-28) were trimmed in November 2021 because the wells had heaved which encumbered placing the steel caps on the wells. Although the casings of the five wells were trimmed in November 2021, a re-survey did not occur until early 2022. Thus, the depth to water measurements reported in the November and December water level sheets were adjusted by adding the trimmed length onto the actual depth to water measurement. For example, the BMW-03A December measured depth to water was 3.72 feet, the trimmed length was 0.72 feet, so the reported depth to water was 4.44 feet. Monthly water level sheets are provided in Appendix A.

Figure 1 presents the September 2021 potentiometric surface. Potentiometric maps generated over the past years indicate there is limited variability in flow direction from month to month. Figure 1 indicates that the presence of Berkeley Pit creates a groundwater "divide", which appears in the upper right corner of the potentiometric map. The divide is located near well AMW-20 and represents the uppermost location in which the aquifer underlying uSBC is sourced. Potentiometric contours show that groundwater gradients from the divide to the BPSOU subdrain vault are directed towards the subdrain. From the BPSOU subdrain vault to the start of the LAO capture

system, groundwater gradients are directed towards SBC. Throughout the length of the LAO capture system, groundwater gradients are directed towards the north side of SBC.

3.5.1 Continual Water Level Results

Appendix C presents hydrographs of sites equipped with continual recording devices maintained by TREC. The majority of these continual records were complete; however, there are interruptions in some records. Raw data associated with the hydrographs is provided in Appendix D. Refer to Section 4.0 for deviations pertaining to continual water level records.

3.6 Operation and Maintenance Activities

There were times in 2021 that BPSOU operation and maintenance (O&M) may have impacted water level data. In addition to BPSOU O&M, fluctuating discharge from the BMFOU Pilot Project appears to have impacted water levels in select wells throughout the year. Subdrain jetting which occurred in January, June and October was observed to affect water levels near the subdrain. A long-term pump test was conducted in the Diggings East area in March. Well drilling and subsequent development in the Diggings East area occurred in August, while drawdown and pump tests were conducted at the drilled wells in September. Dewatering for Parrott Tailings removal occurred from April through the end of 2021. Irrigation problems at the Chamber of Commerce occurred from June through July. Discharge from Silver Lake line to the HCC occurred in December. A chronology of activities observed throughout 2021 that potentially affected well data is provided in Table 7.

4.0 DEVIATIONS FROM THE QAPP

The following deviations from the 2021 BPSOU GW QAPP occurred in 2021:

4.1 Water Levels

- Several sites were not monitored for water levels at times because the casings were blocked by ice or safety concerns limited access.
- Two wells and one surface water site were not monitored the full year because of safety concerns. MW2-CGSB3 was monitored only in January, and both BRW-04B and staff gage RLP-W were monitored only January through June.
- Staff gage RLP-W fell over in April, thus water levels were not obtained for this site in the remaining months that it was monitored.
- BPS11-10A was struck by a vehicle in August 2020 and the casing was bent to the extent that the water level tape could not be lowered down the well and the transducer could not be retrieved. As a result, water levels were not measured in this well from August 2020 through December 2021, the continual record ends in late August 2020, and the well was not sampled in 2021. There are several wells screened at similar depths within 700 feet of BPS11-10A; thus, the lack of data for this well does not impact the project DQOs.

4.2 Continuous Water Levels

- Several continual level sites had small data gaps, that could not be seen on the hydrographs. These were due to downloading the transducer data, performing transducer maintenance, and not starting the new log in time for the next 15-minute interval.
- Several sites have estimated data due to multiple contractors monitoring the same well and not replacing the transducers in the proper positions. These sites include:
 - AMC-23, AMC-24, BPS07-21, BPS07-21C, BPS07-25, BPS11-10B, FP98-7, GS-13A, MF-07, MH-MSD113, MH-MSD116, MSD-01B and MSD-02A.
- AMC-24B: A data loss occurred from 3/31/21 at 14:14 to 4/19/21 at 12:10; the data was corrupt so recovery of it was impossible. The transducer was replaced on 4/19/21.
- AMW-01A: The transducer was out of the water from 6/7/21 at 15:28 to 8/26/21 at 10:10 and again from 11/24/21 at 00:00 to 11/29/21 at 14:15. This was likely due to Parrott Tailings dewatering. Rocky Mountain Contractors hit a water line while horizontal drilling in the Civic Center parking lot on 12/6/21, causing a significant increase in the AMW-01A water level. The well was recovering from excessive inflow through the rest of 2021.
- AMW-13A: A data loss occurred from 5/27/21 at 10:22 to 6/16/21 at 10:05, data was downloaded by an unknown entity. From 6/22/21 to 7/28/21, the water level increased due to irrigation problems at the Chamber of Commerce.
- AMW-13C: The transducer was not restarted following the April download, resulting in a data loss from 4/19/21 at 14:04 to 5/27/21 at 10:04.
- BPS07-08A: A data loss occurred from 5/27/21 at 12:04 to 7/27/21 at 09:55. Data retrieval was unsuccessful, and the transducer was replaced on 7/27/21.
- BPS07-11A: The transducer was out of the water from 6/17/21 at 11:02 to 8/18/21 at 03:52 due to a combination of inadequate direct read cable length and dewatering for Intermountain Construction Services construction nearby. The cable length was increased on 8/18/21.
- BPS07-21: Hydrograph is not complete, the well was frozen, and the continuous logger could not be removed to be downloaded. The data ends on 12/20/2021 at 14:00.
- BPS07-21B: The transducer was not restarted following the October download, resulting in a data loss from 10/27/21 at 13:30 to 12/1/21 at 14:52.
- BPS07-22C: A data loss occurred from 6/30/21 at 11:22 to 7/30/21 at 09:18. Data retrieval was unsuccessful, and the transducer was replaced on 7/30/21.
- BPS07-22R: The transducer was out of the water from 6/4/21 at 12:18 to 7/28/21 at 11:29, as a result of installing a direct read cable of inadequate length.
- GS-08R: A data loss occurred from 5/27/21 at 15:40 to 8/26/21 at 15:04. The transducer was sent in for repairs, but data retrieval was not possible due to water entering the transducer and corrupting the data. The transducer was replaced on 8/26/21.
- GS-26: Suspect data from 12/14/21 at 13:30 to 12/27/21 at 11:45. A data loss occurred from 12/27/21 at 11:45 through the end of 2021; data was corrupt from equipment malfunction.
- GS-46S: A data loss occurred from 9/28/21 at 11:00 to 10/1/21 at 15:00. MBMG monitors this well, thus the reason for the data gap is unknown.

- MF-08: The transducer was not restarted following the October monthly water level download, resulting in a data loss from 10/27/21 at 13:37 to 11/3/21 at 14:00.

4.3 Water Quality

- AMW-20 is located within the active mine property; therefore, MBMG has sampled this well on TREC's behalf in previous years and did so again in 2021.
- Monitoring well FP98-3 was dry during both sampling events, thus it was not sampled in 2021. FP98-3 is typically dry throughout the year, so the dry conditions in 2021 are representative of past water quality sampling events.
- BPS11-10A was not sampled in 2021. This well was struck by a vehicle in August 2020 and the casing was bent to the extent that tubing cannot pass the casing. There are several wells screened at similar depths within 700 feet of BPS11-10A; thus, the lack of water quality data for this well does not impact the project DQOs.

4.3.1 Spring

- One sample, GW0088-050621 at AMW-01A, was collected before three well volumes could be purged and before parameters could stabilize due to the well being pumped dry on two consecutive days. Poor recharge is typical at this well and that was likely exacerbated by nearby dewatering.
- One sample, GW0079-050321 collected at AMC-23B, was not field filtered due to low flow. A raw sample was collected and brought back to the field lab to filter.

4.3.2 Fall

- One sample, GW0001-092321 at AMW-13, was collected before field parameters stabilized due to the well beginning to be pumped dry after three hours of purging.
- Parameters at monitoring wells BMW-03A and BMW-03B were not recorded over the first two casing volumes.
- Two samples, GW0049-092721 at AMC-13 and GW0109-100421 at AMC-23B, were unable to be filtered at the well due to low flow. A raw sample was collected and brought back to the field lab to filter.
- GS-46D the pump could only be lowered to 35.7 ft. below the measuring point, but the middle of the water column was at 44.5 ft below the measuring point.

5.0 SUMMARY

Throughout 2021, water levels were measured at sites within the BPSOU interim site-wide water level monitoring network each month. This includes 165 wells, 5 manholes, 35 surface water sites, 1 BRW cell, and 10 BTL cells monitored by TREC, and 14 wells monitored by MBMG under BMFOU. Continual water level measurements were recorded by TREC at 62 sites within the network and at 6 additional sites by MBMG.

Water quality samples were collected at 113 groundwater sites between April 22 and May 11, and at 108 groundwater sites between September 23 and October 7. One well, FP98-3 was dry during both Spring and Fall sampling. BPS11-10A could not be sampled in 2021 because of extensive damage to the casing. Aside from these omissions, all water quality data was collected and DQO's were satisfied.

6.0 REFERENCES

- ARCO, 1992a. Clark Fork River Superfund Site Investigations Laboratory Analytical Protocol, April 1992.
- ARCO, 1992b. Clark Fork River Superfund Site Investigations Data Management/Data Validation Plan, June 1992.
- ARCO, 1992c. Clark Fork River Superfund Site Investigations Standard Operating Procedures, September 1992.
- ARCO, 2000a. Clark Fork River Superfund Site Investigations Data Management/Data Validation Plan Addendum, June 2000.
- ARCO, 2000b. Clark Fork River Superfund Site Investigations Pilot Data Report Addendum. July 2000.
- Atlantic Richfield, 2017. Technical Requirements for Environmental Laboratory Analytical Services BP Laboratory Management System (LaMP). Atlantic Richfield, March 2017.
- Atlantic Richfield, 2021. Silver Bow Creek/Butte Area NPL Site Final 2021 Butte Priority Soils Operable Unit Interim Site-Wide Groundwater Monitoring Quality Assurance Project Plan (QAPP) 2021 Monitoring Period Atlantic Richfield. June 2021.
- BPSOU PRP Group, 2002. Phase II Remedial Investigation Report, Butte Priority Soils Operable Unit, Silver Bow Creek/Butte Area Superfund. April 2002.
- USEPA (US Environmental Protection Agency), 2006a. Data Quality Assessment: A Reviewer's Guide (QA/G-9R). Washington DC: EPA, Office of Environmental Information. EPA/240/B-06/002.
- USEPA (US Environmental Protection Agency), 2006b. Record of Decision, Butte Priority Soils Operable Unit, Silver Bow Creek/Butte Area NPL Site. EPA September 2006.
- USEPA (US Environmental Protection Agency), 2011. Unilateral Administrative Order & Partial Remedy Work Plan for the BPSOU. EPA July 21, 2011
- USEPA (US Environmental Protection Agency), 2019. Concurrence Comment on Butte Priority Soils Operable Unit (BPSOU) Well Evaluation (September 23, 2019). EPA, October 22, 2019.
- USEPA (US Environmental Protection Agency), 2020a. Record of Decision Amendment for the Butte Priority Soils Operable Unit of the Silver Bow Creek/Butte Area Site. Butte and Walkerville, Montana. Appendix A to the Consent Decree. 100007296 – R8 SDMS. February 4, 2020.
- USEPA (US Environmental Protection Agency), 2020b. National Functional Guidelines for Inorganic Superfund Methods Data Review, Washington DC: EPA, Office of Superfund

Remediation and Technology Innovation. OLEM 9240.1-66. EPA-542-R-20-006.
November 2020.

TREC, Inc. 2021. Data Validation Guidelines for Inorganic Chemistry. November 2021.

United States of America and The State of Montana. 2020. United States of America and The State of Montana, Plaintiffs, v. Atlantic Richfield Company and the City and County of Butte-Silver Bow, a Municipal Corporation and Political Subdivision of the State of Montana, Defendants. Consent Decree for the Butte Priority Soils Operable Unit Partial Remedial Design/Remedial Action and Operation and Maintenance. Civil Action no. CV 89-039-BU-SEH. November 2020.

TABLES

Table 1. ROD/RODA Groundwater Standards

Table 2. BPSOU 2021 Groundwater Monitoring Network – Water Quality

Table 3. BPSOU 2021 Groundwater Monitoring Network – Water Levels

Table 4. BPSOU 2021 Continual Water Level Monitoring Network

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results – Dissolved Metals

Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results – Field

Table 6. BPSOU 2021 Groundwater Elevations

Table 7. Operations and Maintenance – Observed Well Effects

Table 1. ROD/RODA Groundwater Standards

Contaminant of Concern	Standard ¹ (Dissolved mg/L)
Arsenic ²	0.010
Cadmium	0.0050
Copper	1.3
Lead	0.015
Mercury	0.0020
Zinc	2.0

Table 2. BPSOU 2021 Groundwater Monitoring Network - Water Quality

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Multi/Single Depth	Water Level Frequency	Chemistry Frequency	Location	Screened Interval (ft)	Aquifer	Comment
Point of Compliance (POC) Wells										
AMW-13	1198109.21	650633.10	5454.99	Multiple	Continuous	Semi-Annual	Visitor Center	5-15	Alluvium	
AMW-13B	1198101.02	650648.42	5454.97	Multiple	Continuous	Semi-Annual	Visitor Center	26-35	Alluvium	
AMW-13B2	1198104.51	650653.86	5456.12	Multiple	Monthly	Semi-Annual	Visitor Center	41-46	Alluvium	
AMW-13C	1198095.00	650657.30	5454.17	Multiple	Continuous	Semi-Annual	Visitor Center	72-82	Alluvium	
BPS07-01A	1203623.03	651666.82	5479.33	Multiple	Monthly	Semi-Annual	Clark Park	13-23	Alluvium	
BPS07-01B	1203623.38	651679.74	5479.18	Multiple	Monthly	Semi-Annual	Clark Park	29-39	Alluvium	
BPS07-05A ¹	1201799.84	649886.89	5463.12	Multiple	Monthly	Semi-Annual	Southwest of Clark Park	25-35	Alluvium	
BPS07-05B	1201788.65	649887.39	5462.50	Multiple	Monthly	Semi-Annual	Southwest of Clark Park	69-79	Alluvium	
BPS07-16A	1200085.64	650004.05	5456.26	Multiple	Monthly	Semi-Annual	Majors and Nevada Streets	10-20	Alluvium	
BPS07-16B	1200086.26	650019.68	5456.53	Multiple	Monthly	Semi-Annual	Majors and Nevada Streets	30-40	Alluvium	
BPS11-11A1	1199028.43	650425.25	5451.90	Multiple	Monthly	Semi-Annual	Southeast corner of KOA	9-14	Alluvium	
BPS11-11A2	1199021.53	650418.03	5451.92	Multiple	Monthly	Semi-Annual	Southeast corner of KOA	23.5-33.5	Alluvium	
BPS11-11B	1199021.25	650423.62	5452.06	Multiple	Monthly	Semi-Annual	Southeast corner of KOA	63-73	Alluvium	
BPS11-11C	1199028.61	650418.85	5451.65	Multiple	Monthly	Semi-Annual	Southeast corner of KOA	141-151	Alluvium	
BPSOU Subdrain Capture System										
AMC-12	1203350.12	653445.14	5483.93	Single	Monthly	Semi-Annual	East of Parrot Tailings	35-45	Alluvium	
AMC-13	1203026.63	652054.00	5479.72	Single	Monthly	Semi-Annual	Clark Park	47-55	Alluvium	
AMC-23B	1198903.75	651526.71	5452.88	Multiple	Monthly	Semi-Annual	East of Kaw Ave, north of BPSOU Subdrain	97-107	Alluvium	
AMC-24	1198981.74	650908.24	5456.29	Multiple	Continuous	Semi-Annual	East of Kaw Ave, south of BPSOU Subdrain	13-23	Alluvium	MBMG Continuous WL

Table 2. BPSOU 2021 Groundwater Monitoring Network - Water Quality

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Multi/Single Depth	Water Level Frequency	Chemistry Frequency	Location	Screened Interval (ft)	Aquifer	Comment
AMC-24B	1198991.33	650911.36	5455.95	Multiple	Continuous	Semi-Annual	East of Kaw Ave, south of BPSOU Subdrain	39-49	Alluvium	
AMC-24C	1198984.00	650920.10	5454.63	Multiple	Continuous	Semi-Annual	East of Kaw Ave, south of BPSOU Subdrain	71-81	Alluvium	
AMW-01A	1201806.63	653285.10	5469.49	Multiple	Continuous	Semi-Annual	Civic Center	3-13	Alluvium	
AMW-01B	1201821.65	653300.93	5469.60	Multiple	Continuous	Semi-Annual	Civic Center	33-43	Alluvium	
AMW-01C	1201813.77	653292.62	5469.60	Multiple	Continuous	Semi-Annual	Civic Center	87-97	Alluvium	
AMW-08	1203321.25	654315.14	5500.25	Single	Monthly	Semi-Annual	Shields Ave., North of Parrot tailings	30-45	Waste/Alluvium	Scheduled to be abandoned.
AMW-11	1197599.51	650816.81	5449.60	Single	Monthly	5 - Year	South of George, W of Chamber of Commerce	4-14	Alluvium	
AMW-12	1200738.80	651119.45	5464.82	Single	Monthly	Semi-Annual	Utah St	7-22	Alluvium	
AMW-20	1204162.12	654737.04	5491.56	Single	Continuous	Semi-Annual	MRI, Ecology Ponds	24-39	Alluvium	Monitored by MBMG
BPS07-03A	1198230.63	651153.04	5452.69	Single	Continuous	Semi-Annual	Southeast of Pump Vault	9-19	Alluvium	
BPS07-07	1197529.13	651175.82	5448.51	Single	Continuous	Semi-Annual	BPSOU Subdrain Vault Area, W of Vault	7-17	Alluvium	
BPS07-11A	1202374.92	652882.17	5473.00	Multiple	Continuous	Semi-Annual	Between Parrot Tailings & Clark Park	14-24	Alluvium	
BPS07-11B	1202363.34	652882.70	5472.78	Multiple	Continuous	Semi-Annual	Between Parrot Tailings & Clark Park	35-45	Alluvium	
BPS07-21	1197903.44	651092.08	5457.29	Multiple	Continuous	Semi-Annual	BPSOU Subdrain Vault Area, SE of Vault	13-23	Alluvium	
BPS07-21B	1197902.91	651101.47	5456.61	Multiple	Continuous	Semi-Annual	BPSOU Subdrain Vault Area, SE of Vault	36-46	Alluvium	
BPS07-21C	1197908.20	651098.03	5456.94	Multiple	Continuous	Semi-Annual	BPSOU Subdrain Vault Area, SE of Vault	65-80	Alluvium	

Table 2. BPSOU 2021 Groundwater Monitoring Network - Water Quality

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Multi/Single Depth	Water Level Frequency	Chemistry Frequency	Location	Screened Interval (ft)	Aquifer	Comment
BPS07-22B	1197819.72	651283.60	5451.45	Multiple	Continuous	Semi-Annual	BPSOU Subdrain Vault Area, NE of Vault	21-31	Alluvium	
BPS07-22C	1197817.10	651291.22	5451.24	Multiple	Continuous	Semi-Annual	BPSOU Subdrain Vault Area, NE of Vault	89-99	Alluvium	
BPS07-22R	1197812.39	651285.02	5451.39	Multiple	Continuous	Semi-Annual	BPSOU Subdrain Vault Area, NE of Vault	4-14	Tailings/Alluvium	
BPS07-23	1197539.74	651326.38	5450.83	Single	Continuous	Semi-Annual	BPSOU Subdrain Vault Area, NW of Vault	7-17	Alluvium	
BPS07-24	1199800.19	651380.30	5456.13	Single	Continuous	Semi-Annual	Diggings East	60-70	Alluvium	
BPS11-10A	1198834.70	651083.58	5456.10	Multiple	Continuous	Semi-Annual	SE Corner Kaw and George Streets	10.5-20.5	Alluvium	
BPS11-10B	1198828.24	651083.02	5455.75	Multiple	Continuous	Semi-Annual	SE Corner Kaw and George Streets	36-46	Alluvium	
BPS11-10C	1198830.83	651077.65	5455.91	Multiple	Continuous	Semi-Annual	SE Corner Kaw and George Streets	110-120	Alluvium	
BPS11-13B	1199360.63	650787.52	5459.98	Single	Monthly	Semi-Annual	Diggings East, East of AMC-24	43-53	Alluvium	
BPS11-14A	1199858.66	651156.02	5457.11	Multiple	Monthly	Semi-Annual	Diggings East, SE of MF-10	17-22	Alluvium	
BPS11-14B	1199860.85	651148.52	5457.02	Multiple	Monthly	Semi-Annual	Diggings East, SE of MF-10	60-65	Alluvium	
BPS11-17C	1200805.66	652442.30	5461.64	Single	Monthly	Semi-Annual	Casey St. at MSD, near MF-07	56-66	Alluvium	
BPS11-18B	1201018.92	652457.57	5463.59	Multiple	Monthly	Semi-Annual	Casey St. east of BPSOU Subdrain	36-46	Alluvium	
BPS11-18C	1201022.06	652461.18	5463.72	Multiple	Monthly	Semi-Annual	Casey St. east of BPSOU Subdrain	55-65	Alluvium	
BPS11-19A2	1198941.73	650608.89	5449.98	Multiple	Monthly	Semi-Annual	KOA, north of BPS11-11 well group	33-43	Alluvium	
BPS11-19B	1198940.87	650603.02	5449.98	Multiple	Monthly	Semi-Annual	KOA, north of BPS11-11 well group	52-67	Alluvium	

Table 2. BPSOU 2021 Groundwater Monitoring Network - Water Quality

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Multi/Single Depth	Water Level Frequency	Chemistry Frequency	Location	Screened Interval (ft)	Aquifer	Comment
BT-98-02	1200254.43	650476.15	5461.01	Multiple	Monthly	Semi-Annual	Cobban St, near Wyoming	14-19	Alluvium	
BT-98-02B	1200136.18	650484.20	5459.20	Multiple	Monthly	Semi-Annual	Cobban St, near Nevada	29-39	Alluvium	
GS-08R	1200387.64	651630.75	5463.56	Multiple	Continuous	Semi-Annual	Diggings East	168-178	Alluvium	
GS-09R	1200383.54	651638.44	5463.46	Multiple	Continuous	Semi-Annual	Diggings East	49-59	Alluvium	
GS-11R	1200392.40	651637.80	5463.39	Multiple	Continuous	Semi-Annual	Diggings East	8-18	Alluvium	
GS-28	1198607.15	650317.45	5450.44	Single	Monthly	5 - Year	South of KOA next to BTC	6-11	Alluvium	
GS-30D	1200331.53	651783.14	5460.25	Multiple	Continuous	Semi-Annual	Diggings East	29-39	Alluvium	
GS-30S	1200332.60	651778.78	5460.81	Multiple	Continuous	Semi-Annual	Diggings East	14-20	Alluvium	
GS-31D	1200400.37	651284.18	5456.02	Multiple	Monthly	Semi-Annual	Diggings East	29-39	Alluvium	
GS-31S	1200397.37	651287.03	5455.92	Multiple	Continuous	Semi-Annual	Diggings East	15-20	Alluvium	
GS-32D	1200208.19	651936.94	5454.95	Multiple	Continuous	Semi-Annual	Northside Tailings	27-37	Alluvium	
GS-32S	1200205.06	651939.33	5454.49	Multiple	Continuous	Semi-Annual	Northside Tailings	Shallow	Alluvium	No log, total depth = 18.4 ft.
GS-40R	1203900.82	654152.35	5485.61	Single	Monthly	Semi-Annual	Continental and Texas	52-62	Alluvium	
GS-44D	1203257.03	652518.10	5482.63	Multiple	Continuous	Semi-Annual	Clark Park	50-60	Alluvium	MBMG Continuous WL
GS-44S	1203244.27	652515.25	5482.60	Multiple	Continuous	Semi-Annual	Clark Park	20-25	Alluvium	MBMG Continuous WL
GS-46D	1204594.55	652828.63	5490.40	Multiple	Continuous	Semi-Annual	East of Clark Park	51-61	Alluvium	MBMG Continuous WL
GS-46S	1204593.29	652819.61	5490.48	Multiple	Continuous	Semi-Annual	East of Clark Park	25-30	Alluvium	MBMG Continuous WL
MF-07	1200839.99	652461.32	5463.13	Single	Continuous	Semi-Annual	Casey St. at BPSOU Subdrain	13-18	Alluvium	
MF-08	1199558.75	651492.48	5453.86	Single	Continuous	Semi-Annual	Delaware St. at BPSOU Subdrain	9-14	Alluvium	
MF-09	1200554.69	651543.07	5461.60	Single	Monthly	Semi-Annual	Diggings East	11-16	Alluvium	
MF-10	1199601.25	651174.66	5456.48	Single	Continuous	Semi-Annual	Diggings East	12-17	Alluvium	
MF-11	1201144.01	651754.15	5463.60	Multiple	Monthly	Semi-Annual	Oregon and George	10-15	Alluvium	

Table 2. BPSOU 2021 Groundwater Monitoring Network - Water Quality

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Multi/Single Depth	Water Level Frequency	Chemistry Frequency	Location	Screened Interval (ft)	Aquifer	Comment
MSD-01A	1201703.78	652751.16	5467.41	Multiple	Continuous	5 - year	Olympia and Warren Avenues	6-16	Alluvium	
MSD-01B	1201713.58	652771.35	5467.21	Multiple	Continuous	Semi-Annual	Olympia and Warren Avenues	40-45	Alluvium	
MSD-01C	1201711.88	652766.04	5467.31	Multiple	Continuous	Semi-Annual	Olympia and Warren Avenues	110-115	Alluvium	
MSD-02A	1201167.94	652538.92	5462.58	Multiple	Continuous	Semi-Annual	Casey St. at BPSOU Subdrain	4-14	Alluvium	
MSD-02B	1201168.06	652542.21	5465.55	Multiple	Continuous	Semi-Annual	Casey St. at BPSOU Subdrain	35-45	Alluvium	
MSD-03	1200702.84	651964.12	5461.30	Single	Monthly	Semi-Annual	NE of Diggings	40-50	Alluvium	
MSD-04	1201143.89	651764.54	5463.63	Multiple	Monthly	Semi-Annual	Oregon and George	45-55	Alluvium	
MSD-05	1200320.35	651780.39	5461.28	Multiple	Monthly	Semi-Annual	Diggings East	50-55	Alluvium	
MH-MSD106	1197905.45	651208.71	5442.67		Monthly	Annual	BPSOU Subdrain Capture System		Drain Rock	
MH-MSD108	1198781.11	651266.63	5445.55		Monthly	Annual	BPSOU Subdrain Capture System		Drain Rock	
MH-MSD110	1199848.94	651504.02	5449.75		Monthly	Annual	BPSOU Subdrain Capture System		Drain Rock	
MH-MSD113	1200906.38	652414.03	5455.75		Continuous	Annual	BPSOU Subdrain Capture System		Drain Rock	
MH-MSD116	1201857.26	653235.97	5459.93		Continuous	Annual	BPSOU Subdrain Capture System		Drain Rock	
Area Between Groundwater Capture Zones										
AMW-02	1196999.20	651600.33	5452.54	Single	Continuous	Semi-Annual	Buffalo Gulch - Mouth	10-20	Alluvium	
BPS07-08A	1196286.30	651929.32	5450.47	Single	Continuous	Semi-Annual	Montana St., north of SBC	8-17	Alluvium	
BPS07-13A	1196257.93	651644.07	5463.58	Multiple	Monthly	Semi-Annual	BSB Asphalt Plant	20-30	Alluvium	
BPS07-13B	1196252.70	651647.09	5464.70	Multiple	Monthly	Semi-Annual	BSB Asphalt Plant	38-43	Alluvium	
BPS07-14A	1195646.00	651801.25	5459.52	Single	Monthly	Semi-Annual	BSB Asphalt Plant	15-25	Waste/Slag	
BPS07-15A	1195953.51	651691.02	5459.33	Single	Monthly	Semi-Annual	BSB Asphalt Plant	15-35	Waste/Slag	
BPS07-25	1195699.87	651930.29	5449.08	Single	Continuous	Semi-Annual	BRW-near slag wall	15-25	Alluvium	

Table 2. BPSOU 2021 Groundwater Monitoring Network - Water Quality

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Multi/Single Depth	Water Level Frequency	Chemistry Frequency	Location	Screened Interval (ft)	Aquifer	Comment
BPS11-01	1196519.82	652032.37	5450.08	Single	Monthly	Semi-Annual	Montana St., north of SBC	15-25	Alluvium	
BPS11-02	1196542.27	651688.16	5447.27	Single	Monthly	Semi-Annual	Montana St., north of SBC	19-29	Alluvium	
BPS11-03	1197338.96	651577.36	5447.98	Single	Monthly	Semi-Annual	West of vault, south of RR bed	16-26	Alluvium	
BPS11-04	1197357.49	650891.75	5452.09	Single	Monthly	Semi-Annual	West of Visitors Center, SW of Blacktail Creek	44-54	Alluvium	
BPS11-05A1	1196512.37	651319.58	5449.38	Multiple	Monthly	Semi-Annual	BSB Asphalt Plant	6-11	Alluvium	
BPS11-05A2	1196521.57	651322.72	5449.46	Multiple	Monthly	Semi-Annual	BSB Asphalt Plant	23-28	Alluvium	
BPS11-06	1196042.04	651447.56	5452.05	Single	Monthly	Semi-Annual	BSB Asphalt Plant	19-29	Alluvium	
BPS11-07	1195871.59	652017.09	5455.46	Single	Continuous	Semi-Annual	East of BRW, north of SBC	26-36	Alluvium	
BPS11-08	1196084.17	652318.31	5456.82	Single	Monthly	Semi-Annual	East of BRW, north of SBC	13-23	Alluvium	
BPS11-09	1197015.15	651018.77	5448.20	Single	Monthly	Semi-Annual	George St, west of Visitor's Center	24-34	Alluvium	
BPS11-12A	1197056.64	650631.21	5452.35	Single	Monthly	Semi-Annual	SW of BPSOU Subdrain Vault, south of George St and BPS11-09	24-34	Alluvium	
BPS11-15	1196666.00	650420.89	5453.52	Single	Monthly	Semi-Annual	Montana St, at I-90 westbound exit ramp	27-37	Alluvium	
BPS11-16	1196698.91	650110.41	5455.88	Single	Monthly	Semi-Annual	Montana St, at I-90 eastbound entrance ramp	63-73	Alluvium	
BPSPZ-07	1197256.00	651803.20	5440.37	Single	WQ Only	5 - Year	Base of Buffalo Gulch	6-16	Alluvium	
FP98-1	1195210.87	651477.17	5442.51	Multiple	Monthly	Semi-Annual	LAO, SBC floodplain	4-6	Alluvium	
FP98-1B	1195275.85	651510.42	5461.32	Multiple	Monthly	Semi-Annual	LAO, SBC floodplain	37-47	Alluvium	
FP98-2	1195030.65	651577.81	5441.49	Single	Monthly	Semi-Annual	LAO, SBC floodplain	5-15	Alluvium	
FP98-3	1195161.74	651126.85	5445.89	Single	Monthly	Semi-Annual	LAO, SBC floodplain	3-5	Alluvium	
GS-13A	1195561.75	651974.41	5443.81	Single	Continuous	Semi-Annual	East end BRW	12.5-14	Alluvium	

Table 2. BPSOU 2021 Groundwater Monitoring Network - Water Quality

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Multi/Single Depth	Water Level Frequency	Chemistry Frequency	Location	Screened Interval (ft)	Aquifer	Comment
LAO Capture System Monitoring Network										
BMW-03A	1190747.07	651983.43	5422.80	Multiple	Continuous	Semi-Annual	LAO, SBC floodplain	14.5-19	Weathered Bedrock	
BMW-03B	1190742.86	651999.05	5423.19	Multiple	Continuous	Semi-Annual	LAO, SBC floodplain	36-50	Bedrock	
BMW-04B	1190818.50	652117.04	5423.50	Single	Monthly	5 - Year	West end LAO	28-38	Bedrock	
BMW-06B	1190865.38	652470.53	5430.35	Single	Continuous	5 - Year	West end HCC	59-79	Bedrock	
BPS07-17A	1190554.33	652094.41	5429.62	Multiple	Continuous	Semi-Annual	West end HCC	9-19	Alluvium	
BPS07-18A	1190449.98	652112.47	5430.10	Multiple	Continuous	Semi-Annual	West end HCC	9-19	Alluvium	
BPS07-18B	1190433.80	652115.36	5430.32	Multiple	Continuous	Semi-Annual	West end HCC	32-42	Bedrock	
CT NW-3	1190875.69	652414.56	5429.82	Single	Continuous	5 - Year	West end HCC	9-14	Alluvium	
FP98-4	1194513.33	651067.43	5441.50	Single	Monthly	5 - Year	LAO, SBC Floodplain	5-15	Alluvium	
FP98-5	1194489.87	651316.64	5439.44	Single	Monthly	5 - Year	LAO, SBC Floodplain	5-15	Alluvium	
FP98-6	1191612.29	651621.71	5429.83	Single	Continuous	Semi-Annual	LAO, SBC Floodplain	5-15	Alluvium	
FP98-7	1191595.27	651420.13	5432.13	Single	Continuous	5 - Year	LAO, SBC Floodplain	5-15	Alluvium	
GS-26	1190772.52	652249.24	5422.79	Multiple	Continuous	5 - Year	West end HCC	10-15	Alluvium	
HCA-B1	1190745.01	652241.64	5427.49	Multiple	Continuous	Semi-Annual	West end HCC	40-50	Bedrock	
HCA-B2	1190557.49	652105.11	5429.96	Multiple	Continuous	Semi-Annual	West end HCC	25-35	Bedrock	

¹BPS07-05A arsenic concentration excluded for POC purposes

Table 3. BPSOU 2021 Groundwater Monitoring Network - Water Levels

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Frequency	Location	Screened Interval (ft)	Aquifer	Comment
AMC-06	1205161.09	654385.06	5493.83	Continuous	East of Parrot Tailings	53-63	Alluvium	Monitored by MBMG
AMC-12	1203350.12	653445.14	5483.93	Continuous	East of Parrot Tailings	35-45	Alluvium	Monitored by MBMG
AMC-13	1203026.63	652054.00	5479.72	Monthly	Clark Park	47-55	Alluvium	Monitored by MBMG
AMC-23	1198900.93	651533.24	5452.52	Continuous	East of Kaw Ave., north of BPSOU Subdrain	19-29	Alluvium	Monitored by MBMG
AMC-23B	1198903.75	651526.71	5452.88	Monthly	East of Kaw Ave., north of BPSOU Subdrain	97-107	Weathered Bedrock	
AMC-24	1198981.74	650908.24	5456.29	Continuous	East of Kaw Ave., south of BPSOU Subdrain	13-23	Alluvium	Level monitored by MBMG, MBMG responsible for continuous monitoring.
AMC-24B	1198991.33	650911.36	5455.95	Continuous	East of Kaw Ave., south of BPSOU Subdrain	39-49	Alluvium	
AMC-24C	1198984.00	650920.10	5454.63	Continuous	East of Kaw Ave., south of BPSOU Subdrain	71-81	Alluvium	
AMW-01A	1201806.63	653285.10	5469.49	Continuous	Civic Center	3-13	Alluvium	
AMW-01B	1201821.65	653300.93	5469.60	Continuous	Civic Center	33-43	Alluvium	
AMW-01C	1201813.77	653292.62	5469.60	Continuous	Civic Center	87-97	Alluvium	
AMW-02	1196999.20	651600.32	5452.54	Continuous	Buffalo Gulch - Mouth	10-20	Alluvium	
AMW-08	1203321.25	654315.14	5500.25	Monthly	Shields Ave., North of Parrot tailings	30-45	Waste/Alluvium	Monitored by MBMG Scheduled to be abandoned.
AMW-11	1197599.51	650816.81	5449.60	Monthly	West of Visitors Center	4-14	Alluvium	
AMW-12	1200738.80	651119.45	5464.82	Monthly	Utah St	7-22	Alluvium	
AMW-13	1198109.21	650633.10	5454.99	Continuous	Visitor Center	5-15	Alluvium	
AMW-13B	1198101.02	650648.42	5454.97	Continuous	Visitor Center	26-35	Alluvium	
AMW-13B2	1198104.51	650653.86	5456.12	Monthly	Visitor Center	41-46	Alluvium	
AMW-13C	1198095.00	650657.30	5454.17	Continuous	Visitor Center	72-82	Alluvium	
AMW-20	1204162.12	654737.04	5491.56	Continuous	MRI, Ecology Ponds	24-39	Alluvium	Monitored by MBMG
BMF96-02	1196120.24	652792.29	5477.61	Continuous	Community Health Center	149-169	Bedrock	Monitored by MBMG
BMF96-03	1197301.04	652749.96	5472.02	Continuous	BSB Health Department	145-165	Bedrock	Monitored by MBMG
BMF96-04	1198386.04	653202.73	5493.56	Continuous	Charlie Judd Park	167-187	Bedrock	Monitored by MBMG
BMW-01A	1192708.51	650962.24	5434.40	Monthly	LAO, SBC floodplain	22-32	Alluvium	
BMW-01B	1192725.08	650961.76	5433.62	Monthly	LAO, SBC floodplain	39-59	Alluvium	
BMW-01C	1192722.87	650976.61	5434.60	Monthly	LAO, SBC floodplain			Monitored as courtesy to MDEQ since Jan '10, no well log

Table 3. BPSOU 2021 Groundwater Monitoring Network - Water Levels

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Frequency	Location	Screened Interval (ft)	Aquifer	Comment
BMW-02A	1191161.21	651944.37	5427.69	Monthly	LAO	13.5-19	Alluvium	
BMW-02B	1191145.43	651939.95	5427.31	Monthly	LAO	45-55	Bedrock	
BMW-02D	1191156.14	651912.62	5427.14	Monthly	LAO	186-196	Bedrock	
BMW-03A	1190747.07	651983.43	5422.80	Continuous	LAO, SBC floodplain	14.5-19	Bedrock	
BMW-03B	1190742.86	651999.05	5423.19	Continuous	LAO, SBC floodplain	36-50	Bedrock	
BMW-04B	1190818.50	652117.04	5423.50	Monthly	LAO	28-38	Bedrock	
BMW-05A	1191763.28	651119.09	5439.29	Monthly	South of LAO/SBC	5-8	Alluvium	
BMW-05B	1191741.67	651127.15	5440.45	Monthly	South of LAO/SBC	38-58	Bedrock	
BMW-06B	1190865.38	652470.53	5430.35	Continuous	West end LAO	59-79	Bedrock	
BMW-08A	1194702.45	652063.17	5447.71	Monthly	BRW	5-11	Alluvium	
BMW-09A	1193534.81	651143.19	5436.47	Monthly	LAO, SBC floodplain	16-26	Alluvium	
BMW-09B	1193537.71	651136.63	5436.18	Monthly	LAO, SBC floodplain	44-54	Weathered Bedrock	
BMW-11B	1192280.53	652255.55	5435.54	Monthly	North of LAO/Centennial Ave.	55-75	Weathered Bedrock	
BMW-13B	1192899.90	651414.76	5432.98	Monthly	LAO	45-65	Bedrock	
BPS07-01A	1203623.03	651666.82	5479.33	Monthly	Clark Park	13-23	Alluvium	
BPS07-01B	1203623.38	651679.74	5479.18	Monthly	Clark Park	29-39	Alluvium	
BPS07-03A	1198230.63	651153.04	5452.69	Continuous	Southeast of Pump Vault	9-19	Alluvium	
BPS07-05A	1201799.84	649886.89	5463.12	Monthly	Southwest of Clark Park	25-35	Alluvium	
BPS07-05B	1201788.65	649887.39	5462.50	Monthly	Southwest of Clark Park	69-79	Alluvium	
BPS07-07	1197529.13	651175.82	5448.51	Continuous	BPSOU Subdrain Vault Area, W of Vault	7-17	Alluvium	
BPS07-08A	1196286.30	651929.32	5450.47	Continuous	Montana St., north of SBC	8-17	Alluvium	
BPS07-11A	1202374.92	652882.17	5473.00	Continuous	Between Parrot Tailings & Clark Park	14-24	Alluvium	
BPS07-11B	1202363.34	652882.70	5472.78	Continuous	Between Parrot Tailings & Clark Park	35-45	Alluvium	
BPS07-13A	1196257.93	651644.07	5463.58	Monthly	BSB Asphalt Plant	20-30	Alluvium	
BPS07-13B	1196252.70	651647.09	5464.70	Monthly	BSB Asphalt Plant	38-43		
BPS07-14A	1195646.00	651801.25	5459.52	Monthly	BSB Asphalt Plant	15-25	Waste/Slag	
BPS07-15A	1195953.51	651691.02	5459.33	Monthly	BSB Asphalt Plant	15-35	Waste/Slag	

Table 3. BPSOU 2021 Groundwater Monitoring Network - Water Levels

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Frequency	Location	Screened Interval (ft)	Aquifer	Comment
BPS07-16A	1200085.64	650004.05	5456.26	Monthly	Majors and Nevada Streets	10-20	Alluvium	
BPS07-16B	1200086.26	650019.68	5456.53	Monthly	Majors and Nevada Streets	30-40	Alluvium	
BPS07-17A	1190554.33	652094.41	5429.62	Continuous	West end LAO	9-19	Alluvium	
BPS07-18A	1190449.98	652112.47	5430.10	Continuous	West end LAO	9-19	Alluvium	
BPS07-18B	1190433.80	652115.36	5430.32	Continuous	West end LAO	32-42	Bedrock	
BPS07-21	1197903.44	651092.08	5457.29	Continuous	BPSOU Subdrain Vault Area, SE of Vault	13-23	Alluvium	
BPS07-21B	1197902.91	651101.47	5456.61	Continuous	BPSOU Subdrain Vault Area, SE of Vault	36-46	Alluvium	
BPS07-21C	1197908.20	651098.03	5456.94	Continuous	BPSOU Subdrain Vault Area, SE of Vault	65-80	Alluvium	
BPS07-22	1197909.17	651263.57	5451.57	Monthly	BPSOU Subdrain Vault Area, SE of Vault	6-16	Alluvium	
BPS07-22B	1197819.72	651283.60	5451.45	Continuous	BPSOU Subdrain Vault Area, NE of Vault	21-31	Alluvium	
BPS07-22C	1197817.10	651291.22	5451.24	Continuous	BPSOU Subdrain Vault Area, NE of Vault	89-99	Alluvium	
BPS07-22R	1197812.39	651285.02	5451.39	Continuous	BPSOU Subdrain Vault Area, NE of Vault	4-14	Waste/Alluvium	
BPS07-23	1197539.74	651326.38	5450.83	Continuous	BPSOU Subdrain Vault Area, NW of Vault	7-17	Alluvium	
BPS07-24	1199800.19	651380.30	5456.13	Continuous	Diggings East	60-70	Alluvium	
BPS07-25	1195699.87	651930.29	5449.08	Continuous	BRW-near slag wall	15-25	Alluvium	
BPS11-01	1196519.82	652032.37	5450.08	Monthly	Montana St., north of SBC	15-25	Alluvium	
BPS11-02	1196542.27	651688.16	5447.27	Monthly	Montana St., north of SBC	19-29	Alluvium	
BPS11-03	1197338.96	651577.36	5447.98	Monthly	West of vault, south of RR bed	16-26	Alluvium	
BPS11-04	1197357.49	650891.75	5452.09	Monthly	West of Visitors Center, SW of Blacktail Creek	44-54	Alluvium	
BPS11-05A1	1196512.37	651319.58	5449.38	Monthly	BSB Asphalt Plant	6-11	Alluvium	
BPS11-05A2	1196521.57	651322.72	5449.46	Monthly	BSB Asphalt Plant	23-28	Alluvium	
BPS11-06	1196042.03	651447.56	5452.05	Monthly	BSB Asphalt Plant	19-29	Alluvium	

Table 3. BPSOU 2021 Groundwater Monitoring Network - Water Levels

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Frequency	Location	Screened Interval (ft)	Aquifer	Comment
BPS11-07	1195871.59	652017.09	5455.46	Continuous	East of BRW, north of SBC	26-36	Alluvium/Weathered Bedrock	
BPS11-08	1196084.17	652318.31	5456.82	Monthly	East of BRW, north of SBC	13-23	Weathered Bedrock	
BPS11-09	1197015.15	651018.77	5448.20	Monthly	George St, west of Visitor's Center	24-34	Alluvium	
BPS11-10A	1198834.70	651083.58	5456.10	Continuous	SE Corner Kaw and George Streets	10.5-20.5	Alluvium	
BPS11-10B	1198828.24	651083.02	5455.75	Continuous	SE Corner Kaw and George Streets	36-46	Alluvium	
BPS11-10C	1198830.83	651077.65	5455.91	Continuous	SE Corner Kaw and George Streets	110-120	Alluvium	
BPS11-11A1	1199028.43	650425.25	5451.90	Monthly	Southeast corner of KOA	9-14	Alluvium	
BPS11-11A2	1199021.53	650418.03	5451.92	Monthly	Southeast corner of KOA	23.5-33.5	Alluvium	
BPS11-11B	1199021.25	650423.62	5452.06	Monthly	Southeast corner of KOA	63-73	Alluvium	
BPS11-11C	1199028.61	650418.85	5451.65	Monthly	Southeast corner of KOA	141-151	Alluvium	
BPS11-12A	1197056.64	650631.21	5452.35	Monthly	SW of BPSOU Subdrain Vault, south of George St & BPS11-09	24-34	Alluvium	
BPS11-13B	1199360.63	650787.52	5459.98	Monthly	Diggings East, East of AMC-24	43-53	Alluvium	
BPS11-14A	1199858.66	651156.02	5457.11	Monthly	Diggings East, SE of MF-10	17-22	Alluvium	
BPS11-14B	1199860.85	651148.52	5457.02	Monthly	Diggings East, SE of MF-10	60-65	Alluvium	
BPS11-15	1196666.00	650420.89	5453.52	Monthly	Montana St, at I-90 eastbound entrance ramp	27-37	Alluvium	
BPS11-16	1196698.91	650110.41	5455.88	Monthly	Montana St, at I-90 westbound exit ramp	63-73	Alluvium	
BPS11-17C	1200805.66	652442.30	5461.64	Monthly	Casey St. at BPSOU Subdrain, near MF-07	56-66	Alluvium	
BPS11-18B	1201018.92	652457.57	5463.59	Monthly	Casey St. east of BPSOU Subdrain	36-46	Alluvium	
BPS11-18C	1201022.06	652461.18	5463.72	Monthly	Casey St. east of BPSOU Subdrain	55-65	Alluvium	

Table 3. BPSOU 2021 Groundwater Monitoring Network - Water Levels

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Frequency	Location	Screened Interval (ft)	Aquifer	Comment
BPS11-19A2	1198941.73	650608.89	5449.98	Monthly	KOA, north of BPS11-11 well group	33-43	Alluvium	
BPS11-19B	1198940.87	650603.02	5449.98	Monthly	KOA, north of BPS11-11 well group	52-67	Alluvium	
BT-98-02	1200254.43	650476.15	5461.01	Monthly	Cobban St, near Wyoming	14-19	Alluvium	
BT-98-02B	1200136.18	650484.20	5459.20	Monthly	Cobban St, near Nevada	29-39	Alluvium	
CT NE-2	1192181.07	652292.01	5436.50	Monthly	North of LAO/Centennial Ave.	15-20	Weathered Bedrock	
CT NW-3	1190875.69	652414.56	5429.82	Continuous	West end of LAO	9-14	Alluvium	
CT NW-4	1190925.34	652298.35	5426.35	Monthly	West end of LAO	10-20	Alluvium	
CT S-2	1192063.70	651030.94	5440.11	Monthly	South of LAO/SBC	25-28	Alluvium	
CT S-5	1191254.12	651410.96	5441.44	Monthly	South of LAO/SBC	16-23	Alluvium	
CT SW-4	1190818.11	651950.59	5424.02	Monthly	LAO, SBC floodplain	19-28	Alluvium	
CT-84-01	1193702.57	651695.69	5444.77	Monthly	LAO, east of Metro Sewer	11-16	Alluvium	
CT-94-1	1192381.39	651130.75	5432.05	Monthly	LAO, SBC floodplain	11-24	Alluvium	
FP98-1	1195207.80	651474.25	5442.51	Monthly	BRW, SBC floodplain	4-6	Alluvium	
FP98-1B	1195275.85	651510.42	5461.32	Monthly	BRW, SBC floodplain	37-47	Alluvium	
FP98-2	1195030.65	651577.81	5441.49	Monthly	BRW, SBC floodplain	5-15	Alluvium	
FP98-3	1195161.74	651126.85	5445.89	Monthly	BRW, SBC floodplain	3-5	Alluvium	
FP98-4	1194512.23	651062.99	5441.50	Monthly	BRW, SBC floodplain	5-15	Alluvium	
FP98-5	1194489.87	651316.64	5439.44	Monthly	BRW, SBC floodplain	5-15	Alluvium	
FP98-6	1191612.29	651621.71	5429.83	Continuous	LAO, SBC floodplain	5-15	Alluvium	
FP98-7	1191595.27	651420.13	5432.13	Continuous	LAO, SBC floodplain	5-15	Alluvium	
FP98-8	1191051.41	651664.24	5430.77	Monthly	LAO, SBC floodplain	2-4	Alluvium	No well log
FP98-9	1191127.93	651848.04	5426.98	Monthly	LAO, SBC floodplain	5-15	Alluvium	
GS-08	1200371.05	651618.73	5461.57	Monthly	Diggings East	127-145	Alluvium	MBMG responsible for continuous monitoring
GS-08R	1200387.64	651630.75	5463.56	Continuous	Diggings East	168-178	Alluvium	
GS-09	1200378.85	651614.20	5461.92	Monthly	Diggings East	61-76	Alluvium	MBMG responsible for continuous monitoring
GS-09R	1200383.54	651638.44	5463.46	Continuous	Diggings East	49-59	Alluvium	
GS-11	1200372.68	651610.43	5461.63	Monthly	Diggings East	8-18	Alluvium	MBMG responsible for continuous monitoring

Table 3. BPSOU 2021 Groundwater Monitoring Network - Water Levels

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Frequency	Location	Screened Interval (ft)	Aquifer	Comment
GS-11R	1200392.40	651637.80	5463.39	Continuous	Diggings East	8-18	Alluvium	
GS-12	1194639.22	651905.13	5446.91	Monthly	BRW	19-29	Alluvium	
GS-13A	1195561.75	651974.41	5443.81	Continuous	East end BRW	12.5-14	Alluvium	
GS-13B	1195542.63	651978.13	5441.89	Monthly	East end BRW	24-32	Alluvium	
GS-17DR	1194113.84	651319.22	5444.18	Monthly	LAO edge of HCC	20-30	Alluvium	
GS-18R	1193548.92	651008.44	5436.78	Monthly	LAO, SBC floodplain	5-15	Alluvium	
GS-19	1194388.23	651485.11	5445.99	Monthly	BRW	14-19	Alluvium	
GS-20	1194568.24	652213.18	5454.88	Monthly	BRW	18-23	Alluvium	
GS-22	1192836.87	650753.30	5440.17	Monthly	South of LAO/SBC	5-15	Alluvium	
GS-23	1191657.15	651200.90	5441.36	Monthly	South of LAO/SBC	15-19	Alluvium	
GS-25	1192708.45	651658.59	5432.05	Monthly	LAO near HCC	5-10	Alluvium	
GS-25C	1192726.41	651650.09	5433.75	Monthly	LAO near HCC	84-94	Weathered Bedrock	
GS-25D	1192714.75	651670.29	5432.95	Monthly	LAO near HCC	166-176	Bedrock	
GS-26	1190772.52	652249.24	5422.79	Continuous	West end HCC	10-15	Alluvium	
GS-28	1198607.15	650317.44	5450.45	Monthly	South of KOA	6-11	Alluvium	
GS-29D	1196893.68	651275.12	5448.00	Continuous	George St. and Montana St.	177-187	Bedrock	
GS-29SR	1196900.37	651277.68	5448.85	Monthly	George St. and Montana St.	14-24	Alluvium	
GS-30D	1200331.53	651783.14	5460.25	Continuous	Diggings East	29-39	Alluvium	
GS-30S	1200332.60	651778.78	5460.81	Continuous	Diggings East	14-20	Alluvium	
GS-31D	1200400.37	651284.18	5456.02	Monthly	Diggings East	29-39	Alluvium	
GS-31S	1200397.37	651287.03	5455.92	Continuous	Diggings East	15-20	Alluvium	
GS-32D	1200208.19	651936.94	5454.95	Continuous	Northside Tailings	27-37	Alluvium	
GS-32S	1200205.06	651939.33	5454.49	Continuous	Northside Tailings	Shallow	Alluvium	
GS-34D	1193374.75	651348.12	5438.42	Monthly	LAO near HCC	21-31	Alluvium	Monitored as courtesy to MDEQ since Jan '10
GS-34S	1193377.72	651341.78	5437.59	Monthly	LAO near HCC	12-17	Alluvium	
GS-40R	1203900.82	654152.35	5485.61	Monthly	Continental and Texas	52-62	Alluvium	
GS-42D	1202216.48	653584.55	5475.54	Monthly	BSB Road Maintenance Shop	47-57	Alluvium	Monthly through March, Abandoned - Parrot Tailings

Table 3. BPSOU 2021 Groundwater Monitoring Network - Water Levels

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Frequency	Location	Screened Interval (ft)	Aquifer	Comment
GS-42S	1202212.67	653593.57	5475.68	Monthly	BSB Road Maintenance Shop	13-18	Alluvium	Monthly through March, Abandoned - Parrot Tailings
GS-44D	1203257.03	652518.10	5482.63	Continuous	Clark Park	50-60	Alluvium	Monitored by MBMG
GS-44S	1203244.27	652515.25	5482.60	Continuous	Clark Park	20-25	Alluvium	Monitored by MBMG
GS-46D	1204594.55	652828.63	5490.40	Continuous	East of Clark Park	51-61	Alluvium	Monitored by MBMG
GS-46S	1204593.29	652819.61	5490.48	Continuous	East of Clark Park	25-30	Alluvium	Monitored by MBMG
GW-06R	1192715.55	651250.10	5435.38	Monthly	LAO, SBC floodplain	10-20	Alluvium	
HCA-B1	1190745.01	652241.64	5427.49	Continuous	West end of LAO	40-50	Bedrock	
HCA-B2	1190557.49	652105.11	5429.96	Continuous	West end of LAO	25-35	Bedrock	
HCA-MG1	1194628.42	652219.46	5460.99	Monthly	BRW	6-11	Alluvium	
HCA-MG3	1194778.68	652262.56	5460.35	Monthly	BRW		Alluvium	No well log
M-01	1192749.22	651948.73	5433.52	Monthly	BSB sewer treatment plant	5-8	Waste/Alluvium	
M-03-87	1193441.69	650907.58	5441.61	Monthly	North of Montana Pole	5-15	Alluvium	
MF-01	1196922.01	651209.99	5447.66	Monthly	George St. and Montana St.		Alluvium	No well log. MBMG responsible for continuous monitoring.
MF-03	1198486.69	651631.50	5452.99	Monthly	East of Kaw Ave., north of BPSOU Subdrain	13-18	Alluvium	
MF-05	1200865.51	653019.18	5471.50	Monthly	Northside Tailings	12-17	Alluvium	
MF-07	1200839.99	652461.32	5463.13	Continuous	Casey St. at BPSOU Subdrain	13-18	Alluvium	
MF-08	1199558.75	651492.48	5453.86	Continuous	Delaware St. at BPSOU Subdrain	9-14	Alluvium	
MF-09	1200554.69	651543.07	5461.60	Monthly	Diggings East	11-16	Alluvium	
MF-10	1199601.25	651174.66	5456.48	Continuous	Diggings East	12-17	Alluvium	
MF-11	1201144.01	651754.15	5463.60	Monthly	Oregon and George	10-15	Alluvium	
MSD-01A	1201703.78	652751.16	5467.41	Continuous	Olympia and Warren Avenues	6-16	Alluvium	
MSD-01B	1201713.58	652771.35	5467.21	Continuous	Olympia and Warren Avenues	40-45	Alluvium	
MSD-01C	1201711.88	652766.04	5467.31	Continuous	Olympia and Warren Avenues	110-115	Alluvium	
MSD-02A	1201167.94	652538.92	5462.58	Continuous	Casey St. at BPSOU Subdrain	4-14	Alluvium	

Table 3. BPSOU 2021 Groundwater Monitoring Network - Water Levels

Well ID	Easting (ft)	Northing (ft)	Measuring Point (ft amsl)	Frequency	Location	Screened Interval (ft)	Aquifer	Comment
MSD-02B	1201168.06	652542.21	5465.55	Continuous	Casey St. at BPSOU Subdrain	35-45	Alluvium	
MSD-03	1200702.84	651964.12	5461.30	Monthly	NE of Diggings	40-50	Alluvium	
MSD-04	1201143.89	651764.54	5463.63	Monthly	Oregon and George	45-55	Alluvium	
MSD-05	1200320.35	651780.39	5461.28	Monthly	Diggings East	50-55	Alluvium	
MW2-CGSB3	1197967.08	652301.88	5467.89	Monthly	Front St and Kaw Avenue	17-27	Alluvium	Replaced MW3-CGSB4
MW-G-96	1193255.17	649618.96	5480.05	Monthly	East of CO Smelter Repository	19-29	Alluvium	
MW-H-96	1193198.14	650026.30	5462.71	Monthly	NE of CO Smelter Repository	17-27	Alluvium	
A1, A2, and A3 cell water levels				Monthly	LAO		Surface Water	
B1 and B3 cell water levels				Monthly	LAO		Surface Water	
C1 and C3 cell water levels				Monthly	LAO		Surface Water	
D2, D3 and D4 cell water levels				Monthly	LAO		Surface Water	
BRW-00	1195013.05	651764.72	5436.89	Continuous	BRW		Surface Water	
BPSOU subdrain manholes				Monthly	BPSOU Subdrain		Subdrain	2 manholes of the 5 monitored have continuous WL monitoring
HCC staff gages				Monthly	LAO		Surface Water	
SBC, BTC staff gages				Monthly	Site Wide		Surface Water	
BPSOU subdrain channel staff gages				Monthly	BPSOU Subdrain channel		Surface Water	
RLP-W	1190510.84	652245.25	5424.62	Monthly	West end of LAO		Surface Water	
Wetland Staff gages				Monthly	Site Wide, east of Montana St, south of George St		Surface Water	

Table 4. BPSOU 2021 Continual Water Level Monitoring Network

Site	Date Record Begins	Date Record Ends (if applicable)	Comment
AMC-24B	1/22/2010		
AMC-24C	7/19/2010		
AMW-01A	2/22/2010		
AMW-01B	7/9/2009		
AMW-01C	1/22/2010		
AMW-02	2/26/2010		
AMW-13	8/13/2010		
AMW-13B	8/13/2010		
AMW-13C	7/19/2010		
BMW-03A	2/8/2012		
BMW-03B	2/22/2012		
BMW-06B	2/22/2012		
BPS07-03A	4/1/2008		
BPS07-07	2/19/2010		
BPS07-08A	11/18/2010		
BPS07-11A	1/22/2010		
BPS07-11B	1/22/2010		
BPS07-17A	2/22/2012		
BPS07-18A	2/22/2012		
BPS07-18B	2/22/2012		
BPS07-21	2/24/2010		
BPS07-21B	2/4/2010		
BPS07-21C	8/16/2010		
BPS07-22R	2/23/2012		
BPS07-22B	2/23/2012		
BPS07-22C	2/23/2012		
BPS07-23	2/22/2010		
BPS07-24	8/16/2010		
BPS07-25	10/18/2010		
BPS11-07	12/14/2011		
BPS11-10A	2/23/2012	8/27/2020	8/27/20 last data point, well damaged and transducer cannot be removed, so record ends until the well is repaired and transducer can be removed and data retrieved
BPS11-10B	3/27/2012		
BPS11-10C	2/23/2012		
BRW-00 OS	1/6/2011		
CT NW-3	2/22/2012		
FP98-6	2/23/2012		
FP98-7	2/23/2012		
GS-08R	2/23/2012		
GS-09R	2/23/2012		
GS-11R	2/23/2012		
GS-13A	2/22/2012		
GS-26	2/22/2012		
GS-29D	7/19/2010		
GS-30D	1/22/2010		

Table 4. BPSOU 2021 Continual Water Level Monitoring Network

Site	Date Record Begins	Date Record Ends (if applicable)	Comment
GS-30S	1/22/2010		
GS-31S	2/23/2012		
GS-32D	1/22/2010		
GS-32S	1/22/2010		
HCA-B1	3/6/2012		
HCA-B2	2/22/2012		
MF-07	4/1/2008		
MF-08	11/19/2009		
MF-10	2/26/2010		
MHMSD-113	11/20/2009		Replaced MSDCL-04
MHMSD-116	11/19/2009		
MSD-01A	1/22/2010		
MSD-01B	11/19/2009		
MSD-01C	1/22/2010		
MSD-02A	1/22/2010		
MSD-02B	11/19/2009		
SS-05.7	1/22/2010		Removed December 2018 for maintenance and reinstalled April 30th 2019.
SS-05.9	12/1/2010 7/18/2013	5/30/2012	Removed December 2018 for maintenance and reinstalled April 30th 2019.

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	AsDis (mg/L)	Lab Q	Val Q	DV Code	Status	CdDis (mg/L)	Lab Q	Val Q	DV Code	Status	CuDis (mg/L)	Lab Q	Val Q	DV Code	Status
AMC-12	10559096	GW0087-050421	10559096047	2021-05-04	FG	B	0.00037	J			E	0.081				E	1.6				E
AMC-12	10583409	GW0114-100521	10583409001	2021-10-05	FG	B	0.0004	J			E	0.11				E	2.2	P6			E
AMC-13	10558077	GW0002-042221	10558077002	2021-04-22	FG	B	0.00076				E	0.000037	J			E	0.00043	U			E
AMC-13	10581942	GW0049-092721	10581942002	2021-09-27	FG	B	0.00063				E	0.000029	J			E	0.0005	U			E
AMC-23B	10559096	GW0079-050321	10559096039	2021-05-03	FG	B	0.0094				E	0.01				E	0.0011				E
AMC-23B	10582497	GW0109-100421	10582497017	2021-10-04	FG	B	0.01				E	0.011				E	0.0057				E
AMC-24	10558077	GW0010-042721	10558077010	2021-04-27	FG	B	0.0041				E	0.0005				E	0.001		UJ	FB	S
AMC-24	10581942	GW0059-092921	10581942012	2021-09-29	FG	B	0.00095				E	0.0017				E	0.0022				E
AMC-24B	10558077	GW0009-042621	10558077009	2021-04-26	FG	B	0.0043				E	0.006				E	0.14				E
AMC-24B	10581942	GW0060-093021	10581942013	2021-09-30	FG	B	0.0041				E	0.0054				E	0.13				E
AMC-24C	10558077	GW0011-042721	10558077011	2021-04-27	FG	B	0.007				E	0.0038				E	0.056				E
AMC-24C	10581942	GW0061-092821	10581942014	2021-09-28	FG	B	0.0066				E	0.0036				E	0.052				E
AMW-01A	10560315	GW0088-050621	10560315009	2021-05-06	FG	B	0.0067				E	0.000067	J			E	0.0024				E
AMW-01A	10583409	GW0118-100721	10583409005	2021-10-07	FG	B	0.0075				E	0.021				E	0.04				E
AMW-01B	10560318	GW0121-050721	10560318027	2021-05-07	FG	B	0.0013				E	1.2				E	77.1				E
AMW-01B	10583409	GW0119-092421	10583409006	2021-09-24	FG	B	0.0018				E	1.2				E	82.6				E
AMW-01C	10559096	GW0093-050421	10559096052	2021-05-04	FG	B	0.0082				E	0.12				E	5.8				E
AMW-01C	10583409	GW0120-100521	10583409007	2021-10-05	FG	B	0.0082				E	0.13				E	6.3				E
AMW-02	10558077	GW0032-042721	10558077032	2021-04-27	FG-N	B	0.014				E	0.0048				E	0.0088				E
AMW-02	10558077	GW0033-042721	10558077033	2021-04-27	FG-D	B	0.014					0.0045					0.0081				
AMW-02	10581934	GW0037-092921	10581934012	2021-09-29	FG	B	0.0062				E	0.0077				E	0.011				E
AMW-08	10560315	GW0122-050721	10560315001	2021-05-07	FG-N	B	0.034				E	0.089				E	3.4		J	FD	S
AMW-08	10560315	GW0123-050721	10560315002	2021-05-07	FG-D	B	0.034					0.088					2.7		J	FD	
AMW-08	10583409	GW0115-100521	10583409002	2021-10-05	FG-N	B	0.023				E	0.065				E	1.7				E
AMW-08	10583409	GW0116-100521	10583409003	2021-10-05	FG-D	B	0.024					0.069					1.8				
AMW-12	10558077	GW0001-042221	10558077001	2021-04-22	FG	B	0.0043				E	0.00013				E	0.0025		J+	FB	S
AMW-12	10581942	GW0048-092721	10581942001	2021-09-27	FG	B	0.0036				E	0.00012				E	0.0027				E
AMW-13	10560318	GW0095-050521	10560318001	2021-05-05	FG	B	0.0099				E	0.0012				E	0.0021	U			E
AMW-13	10580635	GW0001-092321	10580635001	2021-09-23	FG	B	0.0028				E	0.0021				E	0.0092				E
AMW-13B	10560318	GW0096-050521	10560318002	2021-05-05	FG	B	0.0032				E	0.00026	J			E	0.0021	U			E
AMW-13B	10580635	GW0002-092321	10580635002	2021-09-23	FG	B	0.0041				E	0.00027				E	0.0015				E
AMW-13B2	10560318	GW0097-050521	10560318003	2021-05-05	FG	B	0.004				E	0.00039	J			E	0.0021	U			E
AMW-13B2	10580635	GW0003-092321	10580635003	2021-09-23	FG	B	0.0051				E	0.00048				E	0.0024				E
AMW-13C	10560318	GW0098-050521	10560318004	2021-05-05	FG	B	0.0049				E	0.0016				E	0.0021	U			E
AMW-13C	10580635	GW0004-092321	10580635004	2021-09-23	FG	B	0.006				E	0.0019				E	0.00076	J			E
AMW-20	10559096	GW0078-043021	10559096038	2021-04-30	FG	B	0.00058				E	0.11				E	5.1				E
AMW-20	10583409	GW0108-100721	10583409010	2021-10-07	FG	B	0.00064				E	0.044				E	2.5				E
BMW-03A	10559096	GW0094-050321	10559096053	2021-05-03	FG	B	0.063				E	0.00003	U			E	0.00043	U			E
BMW-03A	10581934	GW0031-092721	10581934006	2021-09-27	FG	B	0.092				E	0.000016	U			E	0.0005	U			E
BMW-03B	10558077	GW0027-042221	10558077027	2021-04-22	FG	B	0.0057				E	0.00014				E	0.00044	J			E
BMW-03B	10581934	GW0032-092721	10581934007	2021-09-27	FG	B	0.0061				E	0.00012				E	0.0005	U			E
BPS07-01A	10560318	GW0099-050621	10560318005	2021-05-06	FG	B	0.0026				E	0.00015	U			E	0.0021	U			E
BPS07-01A	10580635	GW0017-092421	10580635017	2021-09-24	FG	B	0.0031				E	0.000019	J			E	0.0013				E
BPS07-01B	10560318	GW0100-050621	10560318006	2021-05-06	FG	B	0.0012	J			E	0.00015	U			E	0.0021	U			E
BPS07-01B	10580635	GW0018-092421	10580635018	2021-09-24	FG	B	0.0014				E	0.0001				E	0.0016				E
BPS07-03A	10558077	GW0019-042721	10558077019	2021-04-27	FG	B	0.00069				E	0.00021				E	0.0019		J+	FB	S
BPS07-03A	10581942	GW0067-093021	10581942020	2021-09-30	FG	B	0.00069				E	0.00022				E	0.0015				E
BPS07-05A	10560318	GW0101-050621	10560318007	2021-05-06	FG	B	0.0084				E	0.00015	U			E	0.0021	U			E
BPS07-05A	10580635	GW0016-092421	10580635016	2021-09-24	FG	B	0.011				E	0.000039	J			E	0.002				E
BPS07-05B	10560318	GW0102-050621	10560318008	2021-05-06	FG	B	0.0007	U			E	0.00015	U			E	0.0021	U			E
BPS07-05B	10580635	GW0015-092421	10580635015	2021-09-24	FG	B	0.00051				E	0.0001				E	0.00053	J			E
BPS07-07	10558077	GW0020-042721	10558077020	2021-04-27	FG	B	0.0078				E	0.000064	J			E	0.0017		J+	FB	S
BPS07-07	10581942	GW0068-093021	10581942021	2021-09-30	FG	B	0.0076				E	0.00008				E	0.0014				E

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	HgDis (mg/L)	Lab Q	Val Q	DV Code	Status	PbDis (mg/L)	Lab Q	Val Q	DV Code	Status	ZnDis (mg/L)	Lab Q	Val Q	DV Code	Status
AMC-12	10559096	GW0087-050421	10559096047	2021-05-04	FG	B	0.000045	U,MD			E	0.00061		J	FD	S	22.8				E
AMC-12	10583409	GW0114-100521	10583409001	2021-10-05	FG	B	0.000045	U			E	0.00064				E	28.5	P6			E
AMC-13	10558077	GW0002-042221	10558077002	2021-04-22	FG	B	0.000007	J			E	0.000043	U			E	0.044		J+	FB	S
AMC-13	10581942	GW0049-092721	10581942002	2021-09-27	FG	B	0.000045	U			E	0.000028	U			E	0.037				E
AMC-23B	10559096	GW0079-050321	10559096039	2021-05-03	FG	B	0.000045	U,MD			E	0.00017		J	FD	S	0.8				E
AMC-23B	10582497	GW0109-100421	10582497017	2021-10-04	FG	B	0.000045	U			E	0.00022				E	0.91				E
AMC-24	10558077	GW0010-042721	10558077010	2021-04-27	FG	B	0.000007	J			E	0.000043	U			E	0.47				E
AMC-24	10581942	GW0059-092921	10581942012	2021-09-29	FG	B	0.000045	U			E	0.000089	J			E	0.82				E
AMC-24B	10558077	GW0009-042621	10558077009	2021-04-26	FG	B	0.000013				E	0.000043	U			E	1.1				E
AMC-24B	10581942	GW0060-093021	10581942013	2021-09-30	FG	B	0.000045	U			E	0.000068	J			E	1.3				E
AMC-24C	10558077	GW0011-042721	10558077011	2021-04-27	FG	B	0.000007	J			E	0.000043	U			E	0.43				E
AMC-24C	10581942	GW0061-092821	10581942014	2021-09-28	FG	B	0.000045	U			E	0.00003	J			E	0.39				E
AMW-01A	10560315	GW0088-050621	10560315009	2021-05-06	FG	B	0.000045	U,MD			E	0.0002				E	0.026				E
AMW-01A	10583409	GW0118-100721	10583409005	2021-10-07	FG	B	0.000045	U			E	0.001				E	3.8				E
AMW-01B	10560318	GW0121-050721	10560318027	2021-05-07	FG	B	0.000045	U			E	0.0044				E	183				E
AMW-01B	10583409	GW0119-092421	10583409006	2021-09-24	FG	B	0.000045	U			E	0.0065				E	199				E
AMW-01C	10559096	GW0093-050421	10559096052	2021-05-04	FG	B	0.000045	U,MD			E	0.000059	J	J	FD	S	30.6				E
AMW-01C	10583409	GW0120-100521	10583409007	2021-10-05	FG	B	0.000045	U			E	0.000064	J			E	29.7				E
AMW-02	10558077	GW0032-042721	10558077032	2021-04-27	FG-N	B	0.000023				E	0.00089				E	1				E
AMW-02	10558077	GW0033-042721	10558077033	2021-04-27	FG-D	B	0.000019					0.00079					0.98				
AMW-02	10581934	GW0037-092921	10581934012	2021-09-29	FG	B	0.000045	U			E	0.00066				E	3.2	P6			E
AMW-08	10560315	GW0122-050721	10560315001	2021-05-07	FG-N	B	0.000045	U,MD			E	0.013				E	525		J	FD	S
AMW-08	10560315	GW0123-050721	10560315002	2021-05-07	FG-D	B	0.000045	U,MD				0.013					415		J	FD	
AMW-08	10583409	GW0115-100521	10583409002	2021-10-05	FG-N	B	0.000045	U			E	0.015				E	374				E
AMW-08	10583409	GW0116-100521	10583409003	2021-10-05	FG-D	B	0.000045	U				0.015					431				
AMW-12	10558077	GW0001-042221	10558077001	2021-04-22	FG	B	0.0000045	U			E	0.00014				E	0.0032	J	UJ	FB	S
AMW-12	10581942	GW0048-092721	10581942001	2021-09-27	FG	B	0.000045	U			E	0.000055	J			E	0.0026	J			E
AMW-13	10560318	GW0095-050521	10560318001	2021-05-05	FG	B	0.000045	U,MD			E	0.00043	J			E	0.35				E
AMW-13	10580635	GW0001-092321	10580635001	2021-09-23	FG	B	0.0000047	U			E	0.000067	J			E	0.59				E
AMW-13B	10560318	GW0096-050521	10560318002	2021-05-05	FG	B	0.000045	U,MD			E	0.00022	U			E	0.021	J			E
AMW-13B	10580635	GW0002-092321	10580635002	2021-09-23	FG	B	0.0000047	U			E	0.000028	U			E	0.024				E
AMW-13B2	10560318	GW0097-050521	10560318003	2021-05-05	FG	B	0.000045	U,MD			E	0.00022	U			E	0.038				E
AMW-13B2	10580635	GW0003-092321	10580635003	2021-09-23	FG	B	0.0000047	U			E	0.000028	U			E	0.046				E
AMW-13C	10560318	GW0098-050521	10560318004	2021-05-05	FG	B	0.000045	U,MD			E	0.00022	U			E	0.14				E
AMW-13C	10580635	GW0004-092321	10580635004	2021-09-23	FG	B	0.0000047	U			E	0.000028	U			E	0.16				E
AMW-20	10559096	GW0078-043021	10559096038	2021-04-30	FG	B	0.000045	U,MD			E	0.00036		J	FD	S	25.5				E
AMW-20	10583409	GW0108-100721	10583409010	2021-10-07	FG	B	0.000045	U			E	0.00029				E	10.1				E
BMW-03A	10559096	GW0094-050321	10559096053	2021-05-03	FG	B	0.000045	U,MD			E	0.0001		J	FD	S	0.78				E
BMW-03A	10581934	GW0031-092721	10581934006	2021-09-27	FG	B	0.000045	U			E	0.00013				E	0.99				E
BMW-03B	10558077	GW0027-042221	10558077027	2021-04-22	FG	B	0.0000045	U			E	0.000043	U			E	0.01				E
BMW-03B	10581934	GW0032-092721	10581934007	2021-09-27	FG	B	0.000045	U			E	0.000028	U			E	0.017				E
BPS07-01A	10560318	GW0099-050621	10560318005	2021-05-06	FG	B	0.000045	U,MD			E	0.00022	U			E	0.011	U			E
BPS07-01A	10580635	GW0017-092421	10580635017	2021-09-24	FG	B	0.0000047	U			E	0.000043	J	UJ	FB	S	0.002	U			E
BPS07-01B	10560318	GW0100-050621	10560318006	2021-05-06	FG	B	0.000045	U,MD			E	0.00022	U			E	0.043				E
BPS07-01B	10580635	GW0018-092421	10580635018	2021-09-24	FG	B	0.0000047	U			E	0.000039	J	UJ	FB	S	0.045				E
BPS07-03A	10558077	GW0019-042721	10558077019	2021-04-27	FG	B	0.0000045	U			E	0.000043	U			E	0.058				E
BPS07-03A	10581942	GW0067-093021	10581942020	2021-09-30	FG	B	0.000045	U			E	0.000046	J			E	0.051				E
BPS07-05A	10560318	GW0101-050621	10560318007	2021-05-06	FG	B	0.000045	U,MD			E	0.00022	U			E	0.011	U			E
BPS07-05A	10580635	GW0016-092421	10580635016	2021-09-24	FG	B	0.0000047	U			E	0.000033	J			E	0.002	U			E
BPS07-05B	10560318	GW0102-050621	10560318008	2021-05-06	FG	B	0.000045	U,MD			E	0.00022	U			E	0.011	U			E
BPS07-05B	10580635	GW0015-092421	10580635015	2021-09-24	FG	B	0.0000047	U			E	0.000028	U			E	0.0035	J			E
BPS07-07	10558077	GW0020-042721	10558077020	2021-04-27	FG	B	0.0000045	U			E	0.00005	J			E	0.025		J+	FB	S
BPS07-07	10581942	GW0068-093021	10581942021	2021-09-30	FG	B	0.000045	U			E	0.00022				E	0.022				E

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	AsDis (mg/L)	Lab Q	Val Q	DV Code	Status	CdDis (mg/L)	Lab Q	Val Q	DV Code	Status	CuDis (mg/L)	Lab Q	Val Q	DV Code	Status
BPS07-08A	10558077	GW0035-042621	10558077035	2021-04-26	FG	B	0.045				E	0.0062				E	0.13				E
BPS07-08A	10581934	GW0038-092821	10581934013	2021-09-28	FG	B	0.021				E	0.0079				E	0.076				E
BPS07-11A	10559096	GW0072-042921	10559096032	2021-04-29	FG	B	0.00056				E	0.02				E	0.15				E
BPS07-11A	10582497	GW0104-100121	10582497013	2021-10-01	FG	B	0.00052				E	0.025				E	0.28				E
BPS07-11B	10559096	GW0073-042921	10559096033	2021-04-29	FG	B	0.00051				E	0.093				E	0.82				E
BPS07-11B	10582497	GW0105-100121	10582497014	2021-10-01	FG	B	0.00052				E	0.086				E	0.72				E
BPS07-13A	10559096	GW0042-042821	10559096002	2021-04-28	FG	B	0.047				E	0.028				E	0.82				E
BPS07-13A	10582495	GW0070-093021	10582495001	2021-09-30	FG	B	0.05				E	0.034				E	1				E
BPS07-13B	10559096	GW0043-042821	10559096003	2021-04-28	FG	B	0.03				E	0.0016				E	0.0045		J+	FB	S
BPS07-13B	10582495	GW0071-093021	10582495002	2021-09-30	FG	B	0.033				E	0.0013				E	0.0045				E
BPS07-14A	10559096	GW0045-042821	10559096005	2021-04-28	FG	B	0.028				E	0.0023				E	0.025				E
BPS07-14A	10582495	GW0073-093021	10582495004	2021-09-30	FG	B	0.032				E	0.0026				E	0.014				E
BPS07-15A	10559096	GW0044-042821	10559096004	2021-04-28	FG	B	0.41				E	0.0016				E	0.011				E
BPS07-15A	10582495	GW0072-093021	10582495003	2021-09-30	FG	B	0.3				E	0.0032				E	0.014				E
BPS07-16A	10560318	GW0103-050621	10560318009	2021-05-06	FG-N	B	0.0007	U			E	0.0019				E	0.0027	J			E
BPS07-16A	10560318	GW0104-050621	10560318010	2021-05-06	FG-D	B	0.0007	U				0.002					0.0028	J			
BPS07-16A	10580635	GW0005-092421	10580635005	2021-09-24	FG	B	0.00097				E	0.0019				E	0.0032				E
BPS07-16B	10560318	GW0106-050621	10560318012	2021-05-06	FG	B	0.0013	J			E	0.00023	J			E	0.0021	U			E
BPS07-16B	10580635	GW0006-092421	10580635006	2021-09-24	FG	B	0.0015				E	0.00027				E	0.0005	U			E
BPS07-17A	10558077	GW0023-042221	10558077023	2021-04-22	FG	B	0.072				E	0.0063				E	0.11				E
BPS07-17A	10581934	GW0028-092721	10581934003	2021-09-27	FG	B	0.085				E	0.0074				E	0.078				E
BPS07-18A	10558077	GW0021-042221	10558077021	2021-04-22	FG	B	0.23				E	0.000082				E	0.0012				E
BPS07-18A	10581934	GW0026-092721	10581934001	2021-09-27	FG	B	0.22				E	0.000087				E	0.0012				E
BPS07-18B	10558077	GW0022-042221	10558077022	2021-04-22	FG	B	0.27				E	0.00003	U			E	0.00067	J			E
BPS07-18B	10581934	GW0027-092721	10581934002	2021-09-27	FG	B	0.25				E	0.000041	J			E	0.00066	J			E
BPS07-21	10559096	GW0061-042821	10559096021	2021-04-28	FG	B	0.35				E	0.000046	J			E	0.00043	U			E
BPS07-21	10581942	GW0069-093021	10581942022	2021-09-30	FG	B	0.6				E	0.00012				E	0.0021				E
BPS07-21B	10559096	GW0062-042821	10559096022	2021-04-28	FG	B	0.0062				E	0.0019				E	0.0016				E
BPS07-21B	10582497	GW0092-093021	10582497001	2021-09-30	FG	B	0.0074				E	0.0022				E	0.0014				E
BPS07-21C	10559096	GW0063-042821	10559096023	2021-04-28	FG	B	0.0059				E	0.0014				E	0.00043	U			E
BPS07-21C	10582497	GW0093-093021	10582497002	2021-09-30	FG	B	0.0066				E	0.0023				E	0.0005	U			E
BPS07-22B	10559096	GW0064-042821	10559096024	2021-04-28	FG	B	0.0034				E	0.0025				E	0.014				E
BPS07-22B	10582497	GW0094-100121	10582497003	2021-10-01	FG	B	0.0036				E	0.0029				E	0.016				E
BPS07-22C	10559096	GW0065-042821	10559096025	2021-04-28	FG	B	0.0084				E	0.00023				E	0.00043	U			E
BPS07-22C	10582497	GW0095-100121	10582497004	2021-10-01	FG	B	0.0097				E	0.00026				E	0.0005	U			E
BPS07-22R	10559096	GW0066-042821	10559096026	2021-04-28	FG	B	0.018				E	0.00003	U			E	0.00043	U			E
BPS07-22R	10582497	GW0096-100121	10582497005	2021-10-01	FG	B	0.0084				E	0.000016	U			E	0.00056	J			E
BPS07-23	10559096	GW0067-042921	10559096027	2021-04-29	FG	B	0.14				E	0.000041	J			E	0.0033				E
BPS07-23	10582497	GW0097-100121	10582497006	2021-10-01	FG	B	0.088				E	0.000016	U			E	0.0005	U			E
BPS07-24	10559096	GW0071-042921	10559096031	2021-04-29	FG	B	0.009				E	0.017				E	0.76				E
BPS07-24	10582497	GW0103-100121	10582497012	2021-10-01	FG	B	0.01				E	0.017				E	0.81				E
BPS07-25	10558077	GW0030-042321	10558077030	2021-04-23	FG	B	0.021				E	0.0033				E	0.078				E
BPS07-25	10581934	GW0035-092821	10581934010	2021-09-28	FG	B	0.023				E	0.0034				E	0.082				E
BPS11-01	10558077	GW0036-042621	10558077036	2021-04-26	FG	B	0.049				E	0.00026				E	0.0014				E
BPS11-01	10581934	GW0039-092921	10581934014	2021-09-29	FG-N	B	0.061				E	0.00041				E	0.0014				E
BPS11-01	10581934	GW0040-092921	10581934015	2021-09-29	FG-D	B	0.06					0.00036					0.0013				
BPS11-02	10558077	GW0037-042621	10558077037	2021-04-26	FG	B	0.0038				E	0.0023				E	0.0062				E
BPS11-02	10581934	GW0042-092921	10581934017	2021-09-29	FG	B	0.0032				E	0.0021				E	0.0062				E
BPS11-03	10560318	GW0120-050621	10560318026	2021-05-06	FG	B	0.0053				E	0.0078				E	0.0095				E
BPS11-03	10581942	GW0050-092421	10581942003	2021-09-24	FG	B	0.0043				E	0.0067				E	0.0076				E
BPS11-04	10558077	GW0003-042221	10558077003	2021-04-22	FG	B	0.022				E	0.0004				E	0.00043	U			E
BPS11-04	10581942	GW0051-092721	10581942004	2021-09-27	FG	B	0.021				E	0.0003				E	0.0005	U			E
BPS11-05A1	10558077	GW0040-042721	10558077040	2021-04-27	FG	B	0.035				E	0.0023				E	0.081				E

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	HgDis (mg/L)	Lab Q	Val Q	DV Code	Status	PbDis (mg/L)	Lab Q	Val Q	DV Code	Status	ZnDis (mg/L)	Lab Q	Val Q	DV Code	Status
BPS07-08A	10558077	GW0035-042621	10558077035	2021-04-26	FG	B	0.000045	U			E	0.0001				E	0.29				E
BPS07-08A	10581934	GW0038-092821	10581934013	2021-09-28	FG	B	0.000045	U			E	0.00013				E	0.19				E
BPS07-11A	10559096	GW0072-042921	10559096032	2021-04-29	FG	B	0.000045	U,MD			E	0.000043	U			E	2.4				E
BPS07-11A	10582497	GW0104-100121	10582497013	2021-10-01	FG	B	0.000045	U			E	0.000029	J			E	3.4	P6			E
BPS07-11B	10559096	GW0073-042921	10559096033	2021-04-29	FG	B	0.000045	U,MD			E	0.0023				E	22.7				E
BPS07-11B	10582497	GW0105-100121	10582497014	2021-10-01	FG	B	0.000045	U			E	0.002				E	19.6				E
BPS07-13A	10559096	GW0042-042821	10559096002	2021-04-28	FG	B	0.000045	U,MD			E	0.00011		J	FD	S	3.3				E
BPS07-13A	10582495	GW0070-093021	10582495001	2021-09-30	FG	B	0.000045	U			E	0.0002				E	3.4				E
BPS07-13B	10559096	GW0043-042821	10559096003	2021-04-28	FG	B	0.000045	U,MD			E	0.000055	J	J	FD	S	0.1				E
BPS07-13B	10582495	GW0071-093021	10582495002	2021-09-30	FG	B	0.000045	U			E	0.000048	J			E	0.092				E
BPS07-14A	10559096	GW0045-042821	10559096005	2021-04-28	FG	B	0.000045	U,MD			E	0.0016		J	FD	S	5.3				E
BPS07-14A	10582495	GW0073-093021	10582495004	2021-09-30	FG	B	0.000045	U			E	0.0027				E	3.8				E
BPS07-15A	10559096	GW0044-042821	10559096004	2021-04-28	FG	B	0.000045	U,MD			E	0.000043	U	UJ	FD	S	0.18				E
BPS07-15A	10582495	GW0072-093021	10582495003	2021-09-30	FG	B	0.000045	U			E	0.000071	J			E	0.31				E
BPS07-16A	10560318	GW0103-050621	10560318009	2021-05-06	FG-N	B	0.000045	U,MD			E	0.00022	U			E	0.63				E
BPS07-16A	10560318	GW0104-050621	10560318010	2021-05-06	FG-D	B	0.000045	U,MD				0.00022	U				0.66				
BPS07-16A	10580635	GW0005-092421	10580635005	2021-09-24	FG	B	0.000047	U			E	0.000028	U			E	0.62				E
BPS07-16B	10560318	GW0106-050621	10560318012	2021-05-06	FG	B	0.000045	U,MD			E	0.00022	U			E	0.011	U			E
BPS07-16B	10580635	GW0006-092421	10580635006	2021-09-24	FG	B	0.000047	U			E	0.000028	U			E	0.0082				E
BPS07-17A	10558077	GW0023-042221	10558077023	2021-04-22	FG	B	0.000045	U			E	0.0019				E	2.6				E
BPS07-17A	10581934	GW0028-092721	10581934003	2021-09-27	FG	B	0.000045	U			E	0.00036				E	2.7				E
BPS07-18A	10558077	GW0021-042221	10558077021	2021-04-22	FG	B	0.000045	U			E	0.0004				E	1.2				E
BPS07-18A	10581934	GW0026-092721	10581934001	2021-09-27	FG	B	0.000045	U			E	0.00024				E	1.4	P6			E
BPS07-18B	10558077	GW0022-042221	10558077022	2021-04-22	FG	B	0.000045	U			E	0.000075	J			E	8.2				E
BPS07-18B	10581934	GW0027-092721	10581934002	2021-09-27	FG	B	0.000045	U			E	0.00011				E	8.7				E
BPS07-21	10559096	GW0061-042821	10559096021	2021-04-28	FG	B	0.000045	U,MD			E	0.00044				E	0.21				E
BPS07-21	10581942	GW0069-093021	10581942022	2021-09-30	FG	B	0.000045	U			E	0.0014				E	0.3				E
BPS07-21B	10559096	GW0062-042821	10559096022	2021-04-28	FG	B	0.000045	U,MD			E	0.00006	J			E	0.17				E
BPS07-21B	10582497	GW0092-093021	10582497001	2021-09-30	FG	B	0.000045	U			E	0.000035	J			E	0.19				E
BPS07-21C	10559096	GW0063-042821	10559096023	2021-04-28	FG	B	0.000045	U,MD			E	0.000043	U			E	0.18				E
BPS07-21C	10582497	GW0093-093021	10582497002	2021-09-30	FG	B	0.000045	U			E	0.000095	J			E	0.19				E
BPS07-22B	10559096	GW0064-042821	10559096024	2021-04-28	FG	B	0.000045	U,MD			E	0.000043	U			E	0.24				E
BPS07-22B	10582497	GW0094-100121	10582497003	2021-10-01	FG	B	0.000045	U			E	0.000028	U			E	0.27				E
BPS07-22C	10559096	GW0065-042821	10559096025	2021-04-28	FG	B	0.000045	U,MD			E	0.000043	U			E	0.019				E
BPS07-22C	10582497	GW0095-100121	10582497004	2021-10-01	FG	B	0.000045	U			E	0.000028	U			E	0.021				E
BPS07-22R	10559096	GW0066-042821	10559096026	2021-04-28	FG	B	0.000045	U,MD			E	0.000046	J			E	0.0028	J			E
BPS07-22R	10582497	GW0096-100121	10582497005	2021-10-01	FG	B	0.000045	U			E	0.000099	J			E	0.0021	J			E
BPS07-23	10559096	GW0067-042921	10559096027	2021-04-29	FG	B	0.000045	U,MD			E	0.00078				E	0.033				E
BPS07-23	10582497	GW0097-100121	10582497006	2021-10-01	FG	B	0.000045	U			E	0.0002				E	0.023				E
BPS07-24	10559096	GW0071-042921	10559096031	2021-04-29	FG	B	0.000045	U,MD			E	0.000043	U			E	4				E
BPS07-24	10582497	GW0103-100121	10582497012	2021-10-01	FG	B	0.000045	U			E	0.000028	U			E	4.1				E
BPS07-25	10558077	GW0030-042321	10558077030	2021-04-23	FG	B	0.000045	U			E	0.000064	J			E	0.4				E
BPS07-25	10581934	GW0035-092821	10581934010	2021-09-28	FG	B	0.000045	U			E	0.00037				E	0.4				E
BPS11-01	10558077	GW0036-042621	10558077036	2021-04-26	FG	B	0.000045	U			E	0.000065	J			E	0.004	J			E
BPS11-01	10581934	GW0039-092921	10581934014	2021-09-29	FG-N	B	0.000045	U			E	0.000088	J			E	0.0035	J			E
BPS11-01	10581934	GW0040-092921	10581934015	2021-09-29	FG-D	B	0.000045	U				0.000089	J				0.0036	J			
BPS11-02	10558077	GW0037-042621	10558077037	2021-04-26	FG	B	0.000045	U			E	0.000043	U			E	0.15				E
BPS11-02	10581934	GW0042-092921	10581934017	2021-09-29	FG	B	0.000045	U			E	0.00005	J			E	0.13				E
BPS11-03	10560318	GW0120-050621	10560318026	2021-05-06	FG	B	0.000045	U			E	0.000054	J			E	0.79	P6			E
BPS11-03	10581942	GW0050-092421	10581942003	2021-09-24	FG	B	0.000045	U			E	0.000037	J			E	0.7				E
BPS11-04	10558077	GW0003-042221	10558077003	2021-04-22	FG	B	0.000007	J			E	0.000043	U			E	0.026		J+	FB	S
BPS11-04	10581942	GW0051-092721	10581942004	2021-09-27	FG	B	0.000045	U			E	0.000028	U			E	0.019				E
BPS11-05A1	10558077	GW0040-042721	10558077040	2021-04-27	FG	B	0.000045	U			E	0.00014				E	0.92				E

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	AsDis (mg/L)	Lab Q	Val Q	DV Code	Status	CdDis (mg/L)	Lab Q	Val Q	DV Code	Status	CuDis (mg/L)	Lab Q	Val Q	DV Code	Status
BPS11-05A1	10581934	GW0045-092921	10581934020	2021-09-29	FG	B	0.055				E	0.0028				E	0.094				E
BPS11-05A2	10558077	GW0026-042721	10558077026	2021-04-27	FG	B	0.0034				E	0.00071				E	0.0013				E
BPS11-05A2	10581934	GW0046-092921	10581934021	2021-09-29	FG	B	0.0034				E	0.00082				E	0.0012				E
BPS11-06	10559096	GW0041-042821	10559096001	2021-04-28	FG	B	0.11				E	0.0026				E	0.056				E
BPS11-06	10581934	GW0047-092921	10581934022	2021-09-29	FG	B	0.11				E	0.0027				E	0.052				E
BPS11-07	10558077	GW0038-042621	10558077038	2021-04-26	FG	B	0.023				E	0.0016				E	0.004				E
BPS11-07	10581934	GW0043-092921	10581934018	2021-09-29	FG	B	0.022				E	0.0016				E	0.0039				E
BPS11-08	10558077	GW0039-042721	10558077039	2021-04-27	FG	B	0.0014				E	0.000056	J			E	0.00087	J			E
BPS11-08	10581934	GW0044-092921	10581934019	2021-09-29	FG	B	0.0011				E	0.000063	J			E	0.00062	J			E
BPS11-09	10558077	GW0004-042221	10558077004	2021-04-22	FG	B	0.0051				E	0.00036				E	0.0014		J+	FB	S
BPS11-09	10581942	GW0052-092721	10581942005	2021-09-27	FG	B	0.0045				E	0.00034				E	0.0013				E
BPS11-10B	10559096	GW0074-043021	10559096034	2021-04-30	FG-N	B	0.0061				E	0.0076				E	0.18				E
BPS11-10B	10559096	GW0075-043021	10559096035	2021-04-30	FG-D	B	0.006					0.0072					0.17				
BPS11-10B	10582497	GW0106-100421	10582497015	2021-10-04	FG	B	0.0065				E	0.0083				E	0.18				E
BPS11-10C	10559096	GW0077-043021	10559096037	2021-04-30	FG	B	0.0032				E	0.0019				E	0.00095	J			E
BPS11-10C	10582497	GW0107-100421	10582497016	2021-10-04	FG	B	0.0034				E	0.0021				E	0.0011				E
BPS11-11A1	10560318	GW0109-050521	10560318015	2021-05-05	FG	B	0.0021	J			E	0.0012				E	0.0024	J			E
BPS11-11A1	10580635	GW0007-092421	10580635007	2021-09-24	FG	B	0.0036				E	0.0018				E	0.0051				E
BPS11-11A2	10560318	GW0110-050521	10560318016	2021-05-05	FG	B	0.0019				E	0.00041				E	0.00043	U			E
BPS11-11A2	10580635	GW0008-092421	10580635008	2021-09-24	FG-N	B	0.0019				E	0.00041				E	0.0005	U			E
BPS11-11A2	10580635	GW0009-092421	10580635009	2021-09-24	FG-D	B	0.0019					0.00041					0.00088	J			
BPS11-11B	10560318	GW0111-050521	10560318017	2021-05-05	FG	B	0.0032				E	0.0024				E	0.011				E
BPS11-11B	10580635	GW0011-092421	10580635011	2021-09-24	FG	B	0.0031				E	0.0024				E	0.01				E
BPS11-11C	10560318	GW0112-050521	10560318018	2021-05-05	FG	B	0.003				E	0.0004				E	0.00043	U			E
BPS11-11C	10580635	GW0012-092421	10580635012	2021-09-24	FG	B	0.0027				E	0.00038				E	0.0005	U			E
BPS11-12A	10560318	GW0115-050621	10560318021	2021-05-06	FG	B	0.0029				E	0.00039	B			E	0.0021				E
BPS11-12A	10580635	GW0023-092421	10580635023	2021-09-24	FG	B	0.0036				E	0.00039				E	0.0025				E
BPS11-13B	10559096	GW0068-042921	10559096028	2021-04-29	FG	B	0.0016				E	0.0031				E	0.03				E
BPS11-13B	10582497	GW0098-100121	10582497007	2021-10-01	FG-N	B	0.0019				E	0.0035				E	0.033				E
BPS11-13B	10582497	GW0099-100121	10582497008	2021-10-01	FG-D	B	0.0019					0.0035					0.034				
BPS11-14A	10559096	GW0069-042921	10559096029	2021-04-29	FG	B	0.0011				E	0.00024				E	0.0024				E
BPS11-14A	10582497	GW0101-100121	10582497010	2021-10-01	FG	B	0.0012				E	0.00027				E	0.0024				E
BPS11-14B	10559096	GW0070-042921	10559096030	2021-04-29	FG	B	0.0021				E	0.011				E	0.23				E
BPS11-14B	10582497	GW0102-100121	10582497011	2021-10-01	FG	B	0.0023				E	0.012				E	0.25				E
BPS11-15	10560318	GW0107-050621	10560318013	2021-05-06	FG	B	0.0014	J			E	0.00015	U			E	0.0021	U			E
BPS11-15	10580635	GW0019-092421	10580635019	2021-09-24	FG	B	0.0018				E	0.00016				E	0.00089	J			E
BPS11-16	10560318	GW0108-050621	10560318014	2021-05-06	FG	B	0.003				E	0.00016	J			E	0.0021	U			E
BPS11-16	10580635	GW0020-092421	10580635020	2021-09-24	FG-N	B	0.0039				E	0.00021				E	0.00051	J			E
BPS11-16	10580635	GW0021-092421	10580635021	2021-09-24	FG-D	B	0.0037					0.0002					0.0005	U			
BPS11-17C	10559096	GW0080-050321	10559096040	2021-05-03	FG	B	0.0052				E	0.0098				E	0.7				E
BPS11-17C	10582497	GW0110-100421	10582497018	2021-10-04	FG	B	0.0057				E	0.01				E	0.78				E
BPS11-18B	10559096	GW0049-042921	10559096009	2021-04-29	FG	B	0.0016				E	0.87				E	22.4				E
BPS11-18B	10582497	GW0112-100421	10582497020	2021-10-04	FG	B	0.0016				E	0.79				E	21.8				E
BPS11-18C	10559096	GW0050-042921	10559096010	2021-04-29	FG	B	0.0033				E	0.09				E	5				E
BPS11-18C	10582497	GW0113-100421	10582497021	2021-10-04	FG	B	0.0039				E	0.1				E	5				E
BPS11-19A2	10560318	GW0113-050621	10560318019	2021-05-06	FG	B	0.0017				E	0.00055				E	0.001				E
BPS11-19A2	10580635	GW0013-092421	10580635013	2021-09-24	FG	B	0.0016				E	0.00052				E	0.00076	J			E
BPS11-19B	10560318	GW0114-050621	10560318020	2021-05-06	FG	B	0.0046				E	0.0028				E	0.04				E
BPS11-19B	10580635	GW0014-092421	10580635014	2021-09-24	FG	B	0.005				E	0.004				E	0.041				E
BT-98-02	10560318	GW0116-050621	10560318022	2021-05-06	FG-N	B	0.00078				E	0.0082				E	0.006				E
BT-98-02	10560318	GW0117-050621	10560318023	2021-05-06	FG-D	B	0.00084					0.0093					0.007				
BT-98-02	10580635	GW0025-092421	10580635025	2021-09-24	FG	B	0.00095				E	0.0089				E	0.0069				E
BT-98-02B	10560318	GW0119-050621	10560318025	2021-05-06	FG	B	0.00084				E	0.0011				E	0.001				E

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	HgDis (mg/L)	Lab Q	Val Q	DV Code	Status	PbDis (mg/L)	Lab Q	Val Q	DV Code	Status	ZnDis (mg/L)	Lab Q	Val Q	DV Code	Status
BPS11-05A1	10581934	GW0045-092921	10581934020	2021-09-29	FG	B	0.000045	U			E	0.00028				E	0.94				E
BPS11-05A2	10558077	GW0026-042721	10558077026	2021-04-27	FG	B	0.000045	U			E	0.000043	U			E	0.077				E
BPS11-05A2	10581934	GW0046-092921	10581934021	2021-09-29	FG	B	0.000045	U			E	0.000028	U			E	0.079				E
BPS11-06	10559096	GW0041-042821	10559096001	2021-04-28	FG	B	0.000045	U,MD			E	0.000043	U	UJ	FD	S	0.25				E
BPS11-06	10581934	GW0047-092921	10581934022	2021-09-29	FG	B	0.000045	U			E	0.000028	U			E	0.23				E
BPS11-07	10558077	GW0038-042621	10558077038	2021-04-26	FG	B	0.000045	U			E	0.000064	J			E	0.13				E
BPS11-07	10581934	GW0043-092921	10581934018	2021-09-29	FG	B	0.000045	U			E	0.000074	J			E	0.13				E
BPS11-08	10558077	GW0039-042721	10558077039	2021-04-27	FG	B	0.000045	U			E	0.000068	J			E	0.027				E
BPS11-08	10581934	GW0044-092921	10581934019	2021-09-29	FG	B	0.000045	U			E	0.000063	J			E	0.019				E
BPS11-09	10558077	GW0004-042221	10558077004	2021-04-22	FG	B	0.000008	J			E	0.000043	U			E	0.047				E
BPS11-09	10581942	GW0052-092721	10581942005	2021-09-27	FG	B	0.000045	U			E	0.000033	J			E	0.042				E
BPS11-10B	10559096	GW0074-043021	10559096034	2021-04-30	FG-N	B	0.000045	U,MD			E	0.000054	J			E	1.3				E
BPS11-10B	10559096	GW0075-043021	10559096035	2021-04-30	FG-D	B	0.000045	U,MD				0.000059	J				1.1				
BPS11-10B	10582497	GW0106-100421	10582497015	2021-10-04	FG	B	0.000045	U			E	0.000083	J			E	1.3				E
BPS11-10C	10559096	GW0077-043021	10559096037	2021-04-30	FG	B	0.000045	U,MD			E	0.000043	U	UJ	FD	S	0.14				E
BPS11-10C	10582497	GW0107-100421	10582497016	2021-10-04	FG	B	0.000045	U			E	0.000028	U			E	0.16				E
BPS11-11A1	10560318	GW0109-050521	10560318015	2021-05-05	FG	B	0.000045	U,MD			E	0.00022	U			E	0.088				E
BPS11-11A1	10580635	GW0007-092421	10580635007	2021-09-24	FG	B	0.000047	U			E	0.00012				E	0.12				E
BPS11-11A2	10560318	GW0110-050521	10560318016	2021-05-05	FG	B	0.000045	U			E	0.000043	U			E	0.016				E
BPS11-11A2	10580635	GW0008-092421	10580635008	2021-09-24	FG-N	B	0.000047	U			E	0.000028	U			E	0.016				E
BPS11-11A2	10580635	GW0009-092421	10580635009	2021-09-24	FG-D	B	0.000047	U				0.00012					0.017				
BPS11-11B	10560318	GW0111-050521	10560318017	2021-05-05	FG	B	0.000045	U,MD			E	0.000097	J			E	0.19		J+	CRQL	S
BPS11-11B	10580635	GW0011-092421	10580635011	2021-09-24	FG	B	0.000047	U			E	0.000068	J			E	0.18				E
BPS11-11C	10560318	GW0112-050521	10560318018	2021-05-05	FG	B	0.000045	U,MD			E	0.000043	U			E	0.015				E
BPS11-11C	10580635	GW0012-092421	10580635012	2021-09-24	FG	B	0.000047	U			E	0.000041	J			E	0.014				E
BPS11-12A	10560318	GW0115-050621	10560318021	2021-05-06	FG	B	0.000045	U,MD			E	0.000043	U			E	0.02				E
BPS11-12A	10580635	GW0023-092421	10580635023	2021-09-24	FG	B	0.000047	U			E	0.000028	U			E	0.024				E
BPS11-13B	10559096	GW0068-042921	10559096028	2021-04-29	FG	B	0.000045	U,MD			E	0.000043	U			E	0.44				E
BPS11-13B	10582497	GW0098-100121	10582497007	2021-10-01	FG-N	B	0.000045	U			E	0.000028	U			E	0.48				E
BPS11-13B	10582497	GW0099-100121	10582497008	2021-10-01	FG-D	B	0.000045	U				0.00006	J				0.53				
BPS11-14A	10559096	GW0069-042921	10559096029	2021-04-29	FG	B	0.000045	U,MD			E	0.000043	U			E	0.017				E
BPS11-14A	10582497	GW0101-100121	10582497010	2021-10-01	FG	B	0.000045	U			E	0.000028	U			E	0.02				E
BPS11-14B	10559096	GW0070-042921	10559096030	2021-04-29	FG	B	0.000045	U,MD			E	0.00011				E	2.4				E
BPS11-14B	10582497	GW0102-100121	10582497011	2021-10-01	FG	B	0.000045	U			E	0.00008	J			E	2.9				E
BPS11-15	10560318	GW0107-050621	10560318013	2021-05-06	FG	B	0.000045	U,MD			E	0.00022	U			E	0.011	U			E
BPS11-15	10580635	GW0019-092421	10580635019	2021-09-24	FG	B	0.000047	U			E	0.000034	J	UJ	FB	S	0.0076				E
BPS11-16	10560318	GW0108-050621	10560318014	2021-05-06	FG	B	0.000045	U,MD			E	0.00022	U			E	0.011	U			E
BPS11-16	10580635	GW0020-092421	10580635020	2021-09-24	FG-N	B	0.000047	U			E	0.000042	J	UJ	FB	S	0.0077				E
BPS11-16	10580635	GW0021-092421	10580635021	2021-09-24	FG-D	B	0.000047	U				0.000045	J	UJ	FB		0.0069				
BPS11-17C	10559096	GW0080-050321	10559096040	2021-05-03	FG	B	0.000045	U,MD			E	0.000045	J	J	FD	S	1.8				E
BPS11-17C	10582497	GW0110-100421	10582497018	2021-10-04	FG	B	0.000045	U			E	0.000033	J			E	2.1				E
BPS11-18B	10559096	GW0049-042921	10559096009	2021-04-29	FG	B	0.000045	U,MD			E	0.019		J	FD	S	217				E
BPS11-18B	10582497	GW0112-100421	10582497020	2021-10-04	FG	B	0.000045	U			E	0.017				E	219				E
BPS11-18C	10559096	GW0050-042921	10559096010	2021-04-29	FG	B	0.000045	U,MD			E	0.00034		J	FD	S	31.1				E
BPS11-18C	10582497	GW0113-100421	10582497021	2021-10-04	FG	B	0.000045	U			E	0.00034				E	31.8				E
BPS11-19A2	10560318	GW0113-050621	10560318019	2021-05-06	FG	B	0.000045	U,MD			E	0.000043	U			E	0.07				E
BPS11-19A2	10580635	GW0013-092421	10580635013	2021-09-24	FG	B	0.000047	U			E	0.000034	J			E	0.068				E
BPS11-19B	10560318	GW0114-050621	10560318020	2021-05-06	FG	B	0.000045	U,MD			E	0.000043	U			E	0.34				E
BPS11-19B	10580635	GW0014-092421	10580635014	2021-09-24	FG	B	0.000047	U			E	0.00012				E	0.41				E
BT-98-02	10560318	GW0116-050621	10560318022	2021-05-06	FG-N	B	0.000045	U			E	0.000043	U			E	2.7				E
BT-98-02	10560318	GW0117-050621	10560318023	2021-05-06	FG-D	B	0.000045	U				0.000043	U				3				
BT-98-02	10580635	GW0025-092421	10580635025	2021-09-24	FG	B	0.000047	U			E	0.00008	J	UJ	FB	S	2.7	P6			E
BT-98-02B	10560318	GW0119-050621	10560318025	2021-05-06	FG	B	0.000045	U			E	0.000043	U			E	0.054				E

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	AsDis (mg/L)	Lab Q	Val Q	DV Code	Status	CdDis (mg/L)	Lab Q	Val Q	DV Code	Status	CuDis (mg/L)	Lab Q	Val Q	DV Code	Status
BT-98-02B	10580635	GW0024-092421	10580635024	2021-09-24	FG	B	0.0008				E	0.0012				E	0.0012				E
FP98-1	10559096	GW0047-042821	10559096007	2021-04-28	FG	B	0.4				E	0.059				E	0.7				E
FP98-1	10582495	GW0077-100421	10582495008	2021-10-04	FG	B	0.31				E	0.031				E	0.079				E
FP98-1B	10559096	GW0046-042821	10559096006	2021-04-28	FG	B	0.0012				E	0.0061				E	0.003		J+	FB	S
FP98-1B	10582495	GW0074-093021	10582495005	2021-09-30	FG-N	B	0.0012				E	0.0053				E	0.0033				E
FP98-1B	10582495	GW0075-093021	10582495006	2021-09-30	FG-D	B	0.0013					0.0056					0.0031				
FP98-2	10558077	GW0029-042321	10558077029	2021-04-23	FG	B	0.0016				E	0.023				E	0.0032				E
FP98-2	10581934	GW0034-092821	10581934009	2021-09-28	FG	B	0.0019				E	0.024				E	0.003				E
FP98-6	10558077	GW0028-042321	10558077028	2021-04-23	FG	B	0.24				E	0.0026				E	0.0015				E
FP98-6	10581934	GW0033-092821	10581934008	2021-09-28	FG	B	0.35				E	0.0028				E	0.0016				E
GS-08R	10559096	GW0056-043021	10559096016	2021-04-30	FG	B	0.0022				E	0.0028				E	0.0017		J+	FB	S
GS-08R	10582495	GW0084-100421	10582495015	2021-10-04	FG	B	0.0024				E	0.003				E	0.0012				E
GS-09R	10559096	GW0057-043021	10559096017	2021-04-30	FG	B	0.003				E	0.19				E	15.7				E
GS-09R	10582495	GW0085-100121	10582495016	2021-10-01	FG	B	0.0031				E	0.17				E	16.2				E
GS-11R	10559096	GW0081-050321	10559096041	2021-05-03	FG	B	0.00099				E	0.66	P6			E	31.4	P6			E
GS-11R	10582495	GW0086-100121	10582495017	2021-10-01	FG	B	0.00089				E	0.97				E	41.2				E
GS-13A	10558077	GW0031-042321	10558077031	2021-04-23	FG	B	0.02				E	0.0086				E	0.12				E
GS-13A	10581934	GW0036-092821	10581934011	2021-09-28	FG	B	0.022				E	0.0094				E	0.18				E
GS-30D	10559096	GW0051-042921	10559096011	2021-04-29	FG	B	0.0028				E	0.032				E	2.2	P6			E
GS-30D	10582495	GW0078-100121	10582495009	2021-10-01	FG	B	0.0031				E	0.033				E	2.3				E
GS-30S	10559096	GW0052-042921	10559096012	2021-04-29	FG	B	0.013				E	0.00003	U			E	0.0028		J+	FB	S
GS-30S	10582495	GW0079-100121	10582495010	2021-10-01	FG	B	0.013				E	0.000016	U			E	0.0005	U			E
GS-31D	10558077	GW0012-042721	10558077012	2021-04-27	FG	B	0.0013				E	0.001				E	0.0028		J+	FB	S
GS-31D	10581942	GW0062-092821	10581942015	2021-09-28	FG	B	0.0012				E	0.00093				E	0.0024				E
GS-31S	10558077	GW0013-042721	10558077013	2021-04-27	FG	B	0.0021				E	0.00028				E	0.0022		J+	FB	S
GS-31S	10581942	GW0063-092821	10581942016	2021-09-28	FG	B	0.0023				E	0.00035				E	0.0022				E
GS-32D	10559096	GW0054-042921	10559096014	2021-04-29	FG	B	0.0046				E	0.024				E	0.62				E
GS-32D	10582495	GW0081-100121	10582495012	2021-10-01	FG	B	0.0053				E	0.025				E	0.79				E
GS-32S	10559096	GW0055-042921	10559096015	2021-04-29	FG	B	0.0034				E	0.017				E	0.7				E
GS-32S	10582495	GW0082-100121	10582495013	2021-10-01	FG	B	0.0034				E	0.017				E	0.2				E
GS-40R	10559096	GW0058-050321	10559096018	2021-05-03	FG-N	B	0.00069				E	0.12				E	0.19				E
GS-40R	10559096	GW0059-050321	10559096019	2021-05-03	FG-D	B	0.00076					0.12					0.2				
GS-40R	10582495	GW0083-100421	10582495014	2021-10-04	FG	B	0.00078				E	0.12				E	0.19				E
GS-44D	10558077	GW0014-042721	10558077014	2021-04-27	FG	B	0.0009				E	0.028				E	1.1				E
GS-44D	10581942	GW0064-092821	10581942017	2021-09-28	FG	B	0.00092				E	0.027				E	1.4				E
GS-44S	10558077	GW0015-042721	10558077015	2021-04-27	FG	B	0.00025	J			E	0.023				E	0.92				E
GS-44S	10581942	GW0065-092821	10581942018	2021-09-28	FG	B	0.00036	J			E	0.012				E	0.36				E
GS-46D	10558077	GW0005-042321	10558077005	2021-04-23	FG	B	0.00065				E	0.00049				E	0.0076		J+	FB	S
GS-46D	10581942	GW0053-092821	10581942006	2021-09-28	FG	B	0.00059				E	0.00045				E	0.0059				E
GS-46S	10558077	GW0006-042321	10558077006	2021-04-23	FG	B	0.0016				E	0.0018				E	0.01				E
GS-46S	10581942	GW0054-092821	10581942007	2021-09-28	FG	B	0.0019				E	0.0011				E	0.0075				E
GWQC	10558077	GW0018-042821	10558077018	2021-04-28	FB	B	0.00014	U				0.00003	U				0.00089	J			
GWQC	10558077	GW0034-042721	10558077034	2021-04-27	FB	B	0.00014	U				0.00003	U				0.00043	U			
GWQC	10559096	GW0076-043021	10559096036	2021-04-30	FB	B	0.00014	U				0.00003	U				0.00043	U			
GWQC	10559096	GW0060-050321	10559096020	2021-05-03	FB	B	0.00014	U				0.00003	U				0.00097	J			
GWQC	10559096	GW0091-050421	10559096050	2021-05-04	FB	B	0.00014	U				0.00003	U				0.00045	J			
GWQC	10560318	GW0105-050621	10560318011	2021-05-06	FB	B	0.0007	U				0.00015	U				0.0021	U			
GWQC	10560318	GW0118-050621	10560318024	2021-05-06	FB	B	0.00014	U				0.00003	U				0.00043	U			
GWQC	10560315	GW0124-050721	10560315003	2021-05-07	FB	B	0.00014	U				0.00003	U				0.00052	J			
GWQC	10580635	GW0010-092421	10580635010	2021-09-24	FB	B	0.000083	U				0.000016	U				0.0005	U			
GWQC	10580635	GW0022-092421	10580635022	2021-09-24	FB	B	0.000083	U				0.000016	U				0.0005	U			
GWQC	10581934	GW0041-092921	10581934016	2021-09-29	FB	B	0.000083	U				0.000016	U				0.0005	U			
GWQC	10581942	GW0057-092821	10581942010	2021-09-28	FB	B	0.000083	U				0.00002	J				0.0005	U			

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	HgDis (mg/L)	Lab Q	Val Q	DV Code	Status	PbDis (mg/L)	Lab Q	Val Q	DV Code	Status	ZnDis (mg/L)	Lab Q	Val Q	DV Code	Status	
BT-98-02B	10580635	GW0024-092421	10580635024	2021-09-24	FG	B	0.0000047	U			E	0.000028	U			E	0.054					E
FP98-1	10559096	GW0047-042821	10559096007	2021-04-28	FG	B	0.0011				E	0.000043	U	UJ	FD	S	43.8					E
FP98-1	10582495	GW0077-100421	10582495008	2021-10-04	FG	B	0.000045	U			E	0.000071	J			E	18.8					E
FP98-1B	10559096	GW0046-042821	10559096006	2021-04-28	FG	B	0.000045	U,MD			E	0.000043	U	UJ	FD	S	0.51					E
FP98-1B	10582495	GW0074-093021	10582495005	2021-09-30	FG-N	B	0.000045	U			E	0.000057	J			E	0.58	P6				E
FP98-1B	10582495	GW0075-093021	10582495006	2021-09-30	FG-D	B	0.000045	U				0.000043	J				0.55					
FP98-2	10558077	GW0029-042321	10558077029	2021-04-23	FG	B	0.0000045	U			E	0.000043	U			E	1.1					E
FP98-2	10581934	GW0034-092821	10581934009	2021-09-28	FG	B	0.000045	U			E	0.000028	U			E	1.3					E
FP98-6	10558077	GW0028-042321	10558077028	2021-04-23	FG	B	0.0000045	U			E	0.00019				E	0.91					E
FP98-6	10581934	GW0033-092821	10581934008	2021-09-28	FG	B	0.000045	U			E	0.00032				E	0.9					E
GS-08R	10559096	GW0056-043021	10559096016	2021-04-30	FG	B	0.000045	U,MD			E	0.000044	J	J	FD	S	0.091					E
GS-08R	10582495	GW0084-100421	10582495015	2021-10-04	FG	B	0.000045	U			E	0.000052	J			E	0.1					E
GS-09R	10559096	GW0057-043021	10559096017	2021-04-30	FG	B	0.00012	J,IM			E	0.000089	J	J	FD	S	68.2					E
GS-09R	10582495	GW0085-100121	10582495016	2021-10-01	FG	B	0.00009	J			E	0.000031	J			E	70.3					E
GS-11R	10559096	GW0081-050321	10559096041	2021-05-03	FG	B	0.000045	U,MD			E	0.33		J	FD	S	110	P6				E
GS-11R	10582495	GW0086-100121	10582495017	2021-10-01	FG	B	0.000045	U			E	0.69				E	151					E
GS-13A	10558077	GW0031-042321	10558077031	2021-04-23	FG	B	0.0014				E	0.018				E	1.4	P6				E
GS-13A	10581934	GW0036-092821	10581934011	2021-09-28	FG	B	0.002				E	0.014				E	1.5	P6				E
GS-30D	10559096	GW0051-042921	10559096011	2021-04-29	FG	B	0.000045	U,MD			E	0.000079	J	J	FD	S	7.8	P6				E
GS-30D	10582495	GW0078-100121	10582495009	2021-10-01	FG	B	0.000045	U			E	0.000091	J			E	8.3					E
GS-30S	10559096	GW0052-042921	10559096012	2021-04-29	FG	B	0.000045	U,MD			E	0.000043	U	UJ	FD	S	0.0023	J	UJ	FB	S	
GS-30S	10582495	GW0079-100121	10582495010	2021-10-01	FG	B	0.000045	U			E	0.000028	U			E	0.002	U				E
GS-31D	10558077	GW0012-042721	10558077012	2021-04-27	FG	B	0.00001				E	0.000043	U			E	0.088					E
GS-31D	10581942	GW0062-092821	10581942015	2021-09-28	FG	B	0.000045	U			E	0.000028	U			E	0.08					E
GS-31S	10558077	GW0013-042721	10558077013	2021-04-27	FG	B	0.000008	J			E	0.000043	U			E	0.0048	J	UJ	FB	S	
GS-31S	10581942	GW0063-092821	10581942016	2021-09-28	FG	B	0.000045	U			E	0.00014				E	0.0034	J				E
GS-32D	10559096	GW0054-042921	10559096014	2021-04-29	FG	B	0.000045	U,MD			E	0.000043	U	UJ	FD	S	5.4					E
GS-32D	10582495	GW0081-100121	10582495012	2021-10-01	FG	B	0.000045	U			E	0.00023				E	6.6					E
GS-32S	10559096	GW0055-042921	10559096015	2021-04-29	FG	B	0.000045	U,MD			E	0.00016		J	FD	S	3					E
GS-32S	10582495	GW0082-100121	10582495013	2021-10-01	FG	B	0.000045	U			E	0.000043	J			E	3.2					E
GS-40R	10559096	GW0058-050321	10559096018	2021-05-03	FG-N	B	0.000045	U,MD			E	0.0012		J	FD	S	49.3					E
GS-40R	10559096	GW0059-050321	10559096019	2021-05-03	FG-D	B	0.000045	U,MD				0.0041		J	FD		49.4					
GS-40R	10582495	GW0083-100421	10582495014	2021-10-04	FG	B	0.000045	U			E	0.0013				E	50.7					E
GS-44D	10558077	GW0014-042721	10558077014	2021-04-27	FG	B	0.000008	J			E	0.00011				E	6.1					E
GS-44D	10581942	GW0064-092821	10581942017	2021-09-28	FG	B	0.000045	U			E	0.000066	J			E	7.5					E
GS-44S	10558077	GW0015-042721	10558077015	2021-04-27	FG	B	0.0000045	U			E	0.000043	U			E	5.9					E
GS-44S	10581942	GW0065-092821	10581942018	2021-09-28	FG	B	0.000045	U			E	0.000045	J			E	3.5					E
GS-46D	10558077	GW0005-042321	10558077005	2021-04-23	FG	B	0.000007	J			E	0.000043	U			E	0.15					E
GS-46D	10581942	GW0053-092821	10581942006	2021-09-28	FG	B	0.000045	U			E	0.000028	U			E	0.15					E
GS-46S	10558077	GW0006-042321	10558077006	2021-04-23	FG	B	0.000008	J			E	0.000043	U			E	0.26					E
GS-46S	10581942	GW0054-092821	10581942007	2021-09-28	FG	B	0.000045	U			E	0.00012				E	0.15					E
GWQC	10558077	GW0018-042821	10558077018	2021-04-28	FB	B	0.0000045	U				0.000043	U				0.0044	J				
GWQC	10558077	GW0034-042721	10558077034	2021-04-27	FB	B	0.0000045	U				0.000043	U				0.0023	U				
GWQC	10559096	GW0076-043021	10559096036	2021-04-30	FB	B	0.000045	U,MD				0.000043	U				0.0023	U				
GWQC	10559096	GW0060-050321	10559096020	2021-05-03	FB	B	0.000045	U,MD				0.000043	U				0.007					
GWQC	10559096	GW0091-050421	10559096050	2021-05-04	FB	B	0.000045	U,MD				0.000043	U				0.0023	U				
GWQC	10560318	GW0105-050621	10560318011	2021-05-06	FB	B	0.000045	U,MD				0.00022	U				0.011	U				
GWQC	10560318	GW0118-050621	10560318024	2021-05-06	FB	B	0.000045	U				0.000043	U				0.0023	U				
GWQC	10560315	GW0124-050721	10560315003	2021-05-07	FB	B	0.000045	U,MD				0.000043	U				0.0023	U				
GWQC	10580635	GW0010-092421	10580635010	2021-09-24	FB	B	0.0000047	U				0.000028	U				0.002	U				
GWQC	10580635	GW0022-092421	10580635022	2021-09-24	FB	B	0.0000047	U				0.000058	J				0.002	U				
GWQC	10581934	GW0041-092921	10581934016	2021-09-29	FB	B	0.000045	U				0.000028	U				0.002	U				
GWQC	10581942	GW0057-092821	10581942010	2021-09-28	FB	B	0.000045	U				0.000035	J				0.002	U				

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	AsDis (mg/L)	Lab Q	Val Q	DV Code	Status	CdDis (mg/L)	Lab Q	Val Q	DV Code	Status	CuDis (mg/L)	Lab Q	Val Q	DV Code	Status
GWQC	10582495	GW0076-093021	10582495007	2021-09-30	FB	B	0.000083	U				0.000016	U				0.0005	U			
GWQC	10582497	GW0100-100121	10582497009	2021-10-01	FB	B	0.000083	U				0.000016	U				0.0005	U			
GWQC	10583409	GW0117-100521	10583409004	2021-10-05	FB	B	0.000083	U				0.000016	J				0.0025				
HCA-B1	10558077	GW0025-042221	10558077025	2021-04-22	FG	B	0.001				E	0.039				E	1.6				E
HCA-B1	10581934	GW0030-092721	10581934005	2021-09-27	FG	B	0.0011				E	0.036				E	1.6				E
HCA-B2	10558077	GW0024-042221	10558077024	2021-04-22	FG	B	0.05				E	0.00003	U			E	0.00072	J			E
HCA-B2	10581934	GW0029-092721	10581934004	2021-09-27	FG	B	0.051				E	0.000016	U			E	0.0005	U			E
MF-07	10559096	GW0048-042921	10559096008	2021-04-29	FG	B	0.003				E	0.021				E	0.085				E
MF-07	10582497	GW0111-100421	10582497019	2021-10-04	FG	B	0.0038				E	0.027				E	0.1				E
MF-08	10559096	GW0083-050321	10559096043	2021-05-03	FG	B	0.00069				E	0.0079				E	0.045				E
MF-08	10582495	GW0088-100121	10582495019	2021-10-01	FG	B	0.00076				E	0.0083				E	0.044				E
MF-09	10558077	GW0016-042821	10558077016	2021-04-28	FG-N	B	0.0029				E	0.082				E	0.64				E
MF-09	10558077	GW0017-042821	10558077017	2021-04-28	FG-D	B	0.003					0.084					0.67				
MF-09	10581942	GW0066-092821	10581942019	2021-09-28	FG	B	0.003				E	0.036				E	0.33				E
MF-10	10559096	GW0082-050321	10559096042	2021-05-03	FG	B	0.025				E	0.0045				E	0.086				E
MF-10	10582495	GW0087-100521	10582495018	2021-10-05	FG	B	0.021				E	0.0038				E	0.1				E
MF-11	10558077	GW0007-042321	10558077007	2021-04-23	FG	B	0.0043				E	0.00071				E	0.0048		J+	FB	S
MF-11	10581942	GW0055-092821	10581942008	2021-09-28	FG-N	B	0.0047				E	0.00073				E	0.0056				E
MF-11	10581942	GW0056-092821	10581942009	2021-09-28	FG-D	B	0.0044					0.0007					0.0052				
MH-MSD106	10560315	GW0125-051121	10560315004	2021-05-11	FG	B	0.0039				E	0.03				E	1.9	P6	J	FD	S
MH-MSD108	10560315	GW0126-051121	10560315005	2021-05-11	FG	B	0.0036				E	0.052				E	3.5		J	FD	S
MH-MSD110	10560315	GW0127-051121	10560315006	2021-05-11	FG	B	0.0088				E	0.13				E	11		J	FD	S
MH-MSD113	10560315	GW0128-051121	10560315007	2021-05-11	FG	B	0.016				E	0.16				E	13.4		J	FD	S
MH-MSD116	10560315	GW0129-051121	10560315008	2021-05-11	FG	B	0.019				E	0.8				E	46		J	FD	S
MSD-01B	10559096	GW0085-050421	10559096045	2021-05-04	FG	B	0.00092				E	0.081				E	0.57				E
MSD-01B	10582495	GW0089-100521	10582495020	2021-10-05	FG	B	0.00081				E	0.099				E	0.69				E
MSD-01C	10559096	GW0086-050421	10559096046	2021-05-04	FG	B	0.00072				E	0.1				E	0.81				E
MSD-01C	10582495	GW0090-100521	10582495021	2021-10-05	FG	B	0.00097				E	0.086				E	0.56				E
MSD-02A	10559096	GW0089-050421	10559096048	2021-05-04	FG-N	B	0.0013				E	0.062				E	0.23				E
MSD-02A	10559096	GW0090-050421	10559096049	2021-05-04	FG-D	B	0.0013					0.061					0.23				
MSD-02A	10583409	GW0121-100621	10583409008	2021-10-06	FG	B	0.0014				E	0.04				E	0.15				E
MSD-02B	10559096	GW0092-050421	10559096051	2021-05-04	FG	B	0.0018				E	1	P6			E	35.3	P6			E
MSD-02B	10583409	GW0122-100621	10583409009	2021-10-06	FG	B	0.002				E	1				E	34.3				E
MSD-03	10559096	GW0084-050321	10559096044	2021-05-03	FG	B	0.0021				E	0.072				E	1.9				E
MSD-03	10582495	GW0091-100521	10582495022	2021-10-05	FG	B	0.0022				E	0.081				E	2.1				E
MSD-04	10558077	GW0008-042321	10558077008	2021-04-23	FG	B	0.0011				E	0.0033				E	0.0034		J+	FB	S
MSD-04	10581942	GW0058-092821	10581942011	2021-09-28	FG	B	0.0012				E	0.0029				E	0.0032				E
MSD-05	10559096	GW0053-042921	10559096013	2021-04-29	FG	B	0.0037				E	0.12				E	11.8				E
MSD-05	10582495	GW0080-100121	10582495011	2021-10-01	FG	B	0.004				E	0.12				E	12.7	P6			E

Table 5a. BPSOU 2021 Groundwater Monitoring Water Quality Results - Dissolved Metals

Location	SDG	Field Sample ID	Lab Sample ID	Monitoring Date	Sample Type	AB	HgDis (mg/L)	Lab Q	Val Q	DV Code	Status	PbDis (mg/L)	Lab Q	Val Q	DV Code	Status	ZnDis (mg/L)	Lab Q	Val Q	DV Code	Status	
GWQC	10582495	GW0076-093021	10582495007	2021-09-30	FB	B	0.000045	U				0.000028	U				0.002	U				
GWQC	10582497	GW0100-100121	10582497009	2021-10-01	FB	B	0.000045	U				0.000028	U				0.002	U				
GWQC	10583409	GW0117-100521	10583409004	2021-10-05	FB	B	0.000045	U				0.000028	U				0.003	J				
HCA-B1	10558077	GW0025-042221	10558077025	2021-04-22	FG	B	0.0000045	U			E	0.0011				E	18.3					E
HCA-B1	10581934	GW0030-092721	10581934005	2021-09-27	FG	B	0.000045	U			E	0.0013				E	20.5					E
HCA-B2	10558077	GW0024-042221	10558077024	2021-04-22	FG	B	0.0000045	U			E	0.000053	J			E	1.6	P6				E
HCA-B2	10581934	GW0029-092721	10581934004	2021-09-27	FG	B	0.000045	U			E	0.000028	U			E	1.6					E
MF-07	10559096	GW0048-042921	10559096008	2021-04-29	FG	B	0.000045	U,MD			E	0.000073	J	J	FD	S	7.9					E
MF-07	10582497	GW0111-100421	10582497019	2021-10-04	FG	B	0.000045	U			E	0.000056	J			E	9					E
MF-08	10559096	GW0083-050321	10559096043	2021-05-03	FG	B	0.000045	U,MD			E	0.0013		J	FD	S	1.3					E
MF-08	10582495	GW0088-100121	10582495019	2021-10-01	FG	B	0.000045	U			E	0.0011				E	1.4	P6				E
MF-09	10558077	GW0016-042821	10558077016	2021-04-28	FG-N	B	0.000015				E	0.0037				E	9.1					E
MF-09	10558077	GW0017-042821	10558077017	2021-04-28	FG-D	B	0.000014					0.0038					9.1					
MF-09	10581942	GW0066-092821	10581942019	2021-09-28	FG	B	0.000053	J			E	0.0051				E	4					E
MF-10	10559096	GW0082-050321	10559096042	2021-05-03	FG	B	0.000045	U,MD			E	0.00048		J	FD	S	19.1					E
MF-10	10582495	GW0087-100521	10582495018	2021-10-05	FG	B	0.000045	U			E	0.00023				E	23.7					E
MF-11	10558077	GW0007-042321	10558077007	2021-04-23	FG	B	0.000007	J			E	0.000043	U			E	0.099					E
MF-11	10581942	GW0055-092821	10581942008	2021-09-28	FG-N	B	0.000045	U			E	0.000044	J			E	0.085					E
MF-11	10581942	GW0056-092821	10581942009	2021-09-28	FG-D	B	0.000045	U				0.000047	J				0.078					
MH-MSD106	10560315	GW0125-051121	10560315004	2021-05-11	FG	B	0.000045	U,MD			E	0.0003				E	6.6	P6				E
MH-MSD108	10560315	GW0126-051121	10560315005	2021-05-11	FG	B	0.000045	U,MD			E	0.00083				E	11.5					E
MH-MSD110	10560315	GW0127-051121	10560315006	2021-05-11	FG	B	0.000045	U,MD			E	0.0059				E	31.7					E
MH-MSD113	10560315	GW0128-051121	10560315007	2021-05-11	FG	B	0.000045	U,MD			E	0.013				E	40					E
MH-MSD116	10560315	GW0129-051121	10560315008	2021-05-11	FG	B	0.000045	U,MD			E	0.064				E	169					E
MSD-01B	10559096	GW0085-050421	10559096045	2021-05-04	FG	B	0.000045	U,MD			E	0.00058		J	FD	S	26.6					E
MSD-01B	10582495	GW0089-100521	10582495020	2021-10-05	FG	B	0.000045	U			E	0.0065				E	43.7					E
MSD-01C	10559096	GW0086-050421	10559096046	2021-05-04	FG	B	0.000045	U,MD			E	0.007		J	FD	S	49.6					E
MSD-01C	10582495	GW0090-100521	10582495021	2021-10-05	FG	B	0.000045	U			E	0.0006				E	23.6					E
MSD-02A	10559096	GW0089-050421	10559096048	2021-05-04	FG-N	B	0.000045	U,MD			E	0.0016		J	FD	S	9.5					E
MSD-02A	10559096	GW0090-050421	10559096049	2021-05-04	FG-D	B	0.000045	U,MD				0.00089		J	FD		9.7					
MSD-02A	10583409	GW0121-100621	10583409008	2021-10-06	FG	B	0.000045	U			E	0.00084				E	6.4					E
MSD-02B	10559096	GW0092-050421	10559096051	2021-05-04	FG	B	0.000045	U,MD			E	0.012		J	FD	S	198	P6				E
MSD-02B	10583409	GW0122-100621	10583409009	2021-10-06	FG	B	0.000045	U			E	0.011				E	214					E
MSD-03	10559096	GW0084-050321	10559096044	2021-05-03	FG	B	0.000045	U,MD			E	0.0047		J	FD	S	25.5					E
MSD-03	10582495	GW0091-100521	10582495022	2021-10-05	FG	B	0.000045	U			E	0.0045				E	25.1					E
MSD-04	10558077	GW0008-042321	10558077008	2021-04-23	FG	B	0.000011				E	0.000043	U			E	0.18					E
MSD-04	10581942	GW0058-092821	10581942011	2021-09-28	FG	B	0.000045	U			E	0.000046	J			E	0.15					E
MSD-05	10559096	GW0053-042921	10559096013	2021-04-29	FG	B	0.00008	J,1M			E	0.00013		J	FD	S	41.2					E
MSD-05	10582495	GW0080-100121	10582495011	2021-10-01	FG	B	0.000066	J			E	0.000047	J			E	42	P6				E

Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results - Field

Location	Field Sample ID	Monitoring Date	Sample Type	Cond (uS/cm)	DO (mg/L)	Post-Sample DTW (ft)	ORP (mV)	pH (SU)	Water Temp (°F)
AMC-12	GW0087-050421	2021-05-04	FG	1299	0.07	24.49	93	5.63	9.2
AMC-12	GW0114-100521	2021-10-05	FG	1371	0.38	24.80	114	5.45	9.3
AMC-13	GW0002-042221	2021-04-22	FG	585	0.52	31.57	-80	6.56	9.9
AMC-13	GW0049-092721	2021-09-27	FG	561	1.26	30.91	-53	6.50	9.9
AMC-23B	GW0079-050321	2021-05-03	FG	1252	1.62	94.45	418	6.75	10.3
AMC-23B	GW0109-100421	2021-10-04	FG	1241	1.88	71.12	213	6.68	11.7
AMC-24	GW0010-042721	2021-04-27	FG	599	4.13	23.35	-22	6.73	12.6
AMC-24	GW0059-092921	2021-09-29	FG	527	1.01	19.87	37	6.49	10.4
AMC-24B	GW0009-042621	2021-04-26	FG	1288	2.27	10.27	220	6.40	9.5
AMC-24B	GW0060-093021	2021-09-30	FG	1280	2.05	10.61	189	6.33	10.3
AMC-24C	GW0011-042721	2021-04-27	FG	1119	1.22	10.69	174	6.48	9.7
AMC-24C	GW0061-092821	2021-09-28	FG	1094	1.51	10.66	206	6.54	9.7
AMW-01A	GW0088-050621	2021-05-06	FG	1103	1.90	12.70	323	6.50	10.80
AMW-01A	GW0118-100721	2021-10-07	FG	2379	1.40	12.89	135	5.70	12
AMW-01B	GW0121-050721	2021-05-07	FG	3915	0.22	12.31	158	4.21	12
AMW-01B	GW0119-092421	2021-09-24	FG	4298	0.23	12.09	483	4.34	11.9
AMW-01C	GW0093-050421	2021-05-04	FG	2849	0.14	16.12	261	5.47	11.5
AMW-01C	GW0120-100521	2021-10-05	FG	2631	0.68	16.06	240	5.38	11.6
AMW-02	GW0033-042721	2021-04-27	FG-D	1572	8.10	16.91	39	7.03	7.7
AMW-02	GW0032-042721	2021-04-27	FG-N	1572	8.10	16.91	39	7.03	7.7
AMW-02	GW0037-092921	2021-09-29	FG	1802	5.50	13.37	150	6.97	8.2
AMW-08	GW0123-050721	2021-05-07	FG-D	6309	1.01	42.40	247	4.61	11.1
AMW-08	GW0122-050721	2021-05-07	FG-N	6309	1.01	42.40	247	4.61	11.1
AMW-08	GW0116-100521	2021-10-05	FG-D	4085	1.63	45.53	223	4.18	11.7
AMW-08	GW0115-100521	2021-10-05	FG-N	4085	1.63	45.53	223	4.18	11.7
AMW-12	GW0001-042221	2021-04-22	FG	550	5.68	20.45	196	7.36	8.2
AMW-12	GW0048-092721	2021-09-27	FG	598	5.36	18.35	163	7.10	9.5
AMW-13	GW0095-050521	2021-05-05	FG	1898	2.18	16.70	68	6.76	8.6
AMW-13	GW0001-092321	2021-09-23	FG	1556	1.34	15.53	40	6.60	13.7
AMW-13B	GW0096-050521	2021-05-05	FG	294	2.10	10.45	172	7.42	9.8
AMW-13B	GW0002-092321	2021-09-23	FG	295	2.19	10.78	55	7.23	9.4
AMW-13B2	GW0097-050521	2021-05-05	FG	309	2.18	11.84	209	7.35	9.8
AMW-13B2	GW0003-092321	2021-09-23	FG	302	2.30	11.98	79	7.24	9.7
AMW-13C	GW0098-050521	2021-05-05	FG	644	0.76	11.25	248	6.82	10.1
AMW-13C	GW0004-092321	2021-09-23	FG	643	0.64	11.74	108	6.72	10.1
AMW-20	GW0078-043021	2021-04-30	FG	1963	1.11		444	4.56	9.85
AMW-20	GW0108-100721	2021-10-07	FG	1976			459	4.93	9.47
BMW-03A	GW0094-050321	2021-05-03	FG	777	0.35	6.56	-35	6.65	4.3

Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results - Field

Location	Field Sample ID	Monitoring Date	Sample Type	Cond (uS/cm)	DO (mg/L)	Post-Sample DTW (ft)	ORP (mV)	pH (SU)	Water Temp (°F)
BMW-03A	GW0031-092721	2021-09-27	FG	782	0.28	9.05	-51	6.48	9
BMW-03B	GW0027-042221	2021-04-22	FG	2532	0.16	6.12	63	6.73	7.4
BMW-03B	GW0032-092721	2021-09-27	FG	2491	0.06	6.00	32	6.74	7.5
BPS07-01A	GW0099-050621	2021-05-06	FG	522	7.61	19.45	275	7.42	9
BPS07-01A	GW0017-092421	2021-09-24	FG	532	5.82	19.09	198	7.05	9.6
BPS07-01B	GW0100-050621	2021-05-06	FG	408	6.54	19.48	278	7.35	9.6
BPS07-01B	GW0018-092421	2021-09-24	FG	415	6.26	18.84	205	7.04	9.5
BPS07-03A	GW0019-042721	2021-04-27	FG	284	0.78	10.37	24	7.08	10.3
BPS07-03A	GW0067-093021	2021-09-30	FG	302	0.95	10.65	172	7.02	10.4
BPS07-05A	GW0101-050621	2021-05-06	FG	326	7.16	11.91	272	7.83	7.8
BPS07-05A	GW0016-092421	2021-09-24	FG	352	6.81	9.88	195	7.37	13.7
BPS07-05B	GW0102-050621	2021-05-06	FG	446	7.80	9.63	295	7.01	10.2
BPS07-05B	GW0015-092421	2021-09-24	FG	453	6.96	9.55	167	6.64	10.1
BPS07-07	GW0020-042721	2021-04-27	FG	262	0.59	10.32	17	6.78	8.9
BPS07-07	GW0068-093021	2021-09-30	FG	279	0.72	5.51	24	6.64	10.5
BPS07-08A	GW0035-042621	2021-04-26	FG	4324	3.30	10.34	70	7.00	8.8
BPS07-08A	GW0038-092821	2021-09-28	FG	4538	0.21	10.74	176	6.39	12.1
BPS07-11A	GW0072-042921	2021-04-29	FG	555	1.26	15.44	295	5.28	9.8
BPS07-11A	GW0104-100121	2021-10-01	FG	348	3.34	15.04	252	5.26	10.2
BPS07-11B	GW0073-042921	2021-04-29	FG	1705	0.16	14.73	222	5.04	10.1
BPS07-11B	GW0105-100121	2021-10-01	FG	1347	0.60	14.60	196	5.02	10
BPS07-13A	GW0042-042821	2021-04-28	FG	6081	0.88	23.50	76	6.69	9.3
BPS07-13A	GW0070-093021	2021-09-30	FG	6569	2.48	23.65	117	6.66	9.6
BPS07-13B	GW0043-042821	2021-04-28	FG	2999	0.66	24.36	52	6.86	9.6
BPS07-13B	GW0071-093021	2021-09-30	FG	3058	0.89	24.70	150	6.92	9.4
BPS07-14A	GW0045-042821	2021-04-28	FG	1074	1.54	20.65	12	7.04	8.5
BPS07-14A	GW0073-093021	2021-09-30	FG	1092	0.27	21.09	37	6.99	9.6
BPS07-16A	GW0104-050621	2021-05-06	FG-D	393	3.24	7.61	288	6.73	7
BPS07-15A	GW0044-042821	2021-04-28	FG	1444	1.13	19.81	46	7.00	9.4
BPS07-15A	GW0072-093021	2021-09-30	FG	1942	1.05	20.21	101	6.75	9.5
BPS07-16A	GW0103-050621	2021-05-06	FG-N	393	3.24	7.61	288	6.73	7
BPS07-16A	GW0005-092421	2021-09-24	FG	419	1.26	7.68	169	6.33	13.7
BPS07-16B	GW0106-050621	2021-05-06	FG	233	4.33	7.70	270	7.64	10.6
BPS07-16B	GW0006-092421	2021-09-24	FG	247	4.49	7.75	153	7.19	10.4
BPS07-17A	GW0023-042221	2021-04-22	FG	1108	3.30	12.46	54	6.09	7.7
BPS07-17A	GW0028-092721	2021-09-27	FG	1079	0.19	13.28	59	6.02	10.6
BPS07-18A	GW0021-042221	2021-04-22	FG	1577	12.10	14.01	31	6.51	6.2
BPS07-18A	GW0026-092721	2021-09-27	FG	1562	4.44	13.30	-22	6.32	9.2

Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results - Field

Location	Field Sample ID	Monitoring Date	Sample Type	Cond (uS/cm)	DO (mg/L)	Post-Sample DTW (ft)	ORP (mV)	pH (SU)	Water Temp (°F)
BPS07-18B	GW0022-042221	2021-04-22	FG	1237	6.90	13.09	22	6.50	8.1
BPS07-18B	GW0027-092721	2021-09-27	FG	1276	0.17	13.66	-26	6.36	8.1
BPS07-21	GW0061-042821	2021-04-28	FG	2604	0.75	14.36	-104	6.85	9.7
BPS07-21	GW0069-093021	2021-09-30	FG	2524	2.69	14.53	-114	6.75	11.1
BPS07-21B	GW0062-042821	2021-04-28	FG	423	2.43	13.78	116	6.92	9.7
BPS07-21B	GW0092-093021	2021-09-30	FG	430	2.47	13.65	112	6.89	9.7
BPS07-21C	GW0063-042821	2021-04-28	FG	747	0.63	12.99	8	6.80	10.1
BPS07-21C	GW0093-093021	2021-09-30	FG	755	0.72	13.17	89	6.78	10.3
BPS07-22B	GW0064-042821	2021-04-28	FG	717	0.60	8.50	141	6.64	8.5
BPS07-22B	GW0094-100121	2021-10-01	FG	736	2.16	8.77	200	6.44	8.2
BPS07-22C	GW0065-042821	2021-04-28	FG	757	0.55	12.31	113	6.99	9.8
BPS07-22C	GW0095-100121	2021-10-01	FG	764	0.89	11.27	179	6.88	9.4
BPS07-22R	GW0066-042821	2021-04-28	FG	914	1.72	9.20	-97	7.01	6.3
BPS07-22R	GW0096-100121	2021-10-01	FG	618	0.32	10.37	-93	6.76	10.2
BPS07-23	GW0067-042921	2021-04-29	FG	1376	0.86	8.17	-82	7.14	5.8
BPS07-23	GW0097-100121	2021-10-01	FG	1094	1.58	8.41	-63	6.85	10.4
BPS07-24	GW0071-042921	2021-04-29	FG	2203	1.00	8.43	274	6.49	9.6
BPS11-01	GW0040-092921	2021-09-29	FG-D	1228	0.16	9.59	-57	7.56	10.9
BPS07-24	GW0103-100121	2021-10-01	FG	1967	1.51	8.64	216	6.40	9.7
BPS07-25	GW0030-042321	2021-04-23	FG	1963	0.17	10.77	130	7.21	9.5
BPS07-25	GW0035-092821	2021-09-28	FG	1997	0.22	11.02	126	7.14	9.6
BPS11-01	GW0036-042621	2021-04-26	FG	1465	1.00	9.21	38	7.65	10.9
BPS11-01	GW0039-092921	2021-09-29	FG-N	1228	0.16	9.59	-57	7.56	10.9
BPS11-02	GW0037-042621	2021-04-26	FG	1284	9.60	8.65	44	7.13	9.4
BPS11-02	GW0042-092921	2021-09-29	FG	1293	0.37	9.24	16	7.10	9.1
BPS11-03	GW0120-050621	2021-05-06	FG	1289	0.19	5.15	40	7.14	7.1
BPS11-03	GW0050-092421	2021-09-24	FG	1452	0.20	5.25	424	7.60	8
BPS11-04	GW0003-042221	2021-04-22	FG	509	1.52	11.68	2	7.67	8.9
BPS11-04	GW0051-092721	2021-09-27	FG	504	1.67	11.25	35	7.56	9.1
BPS11-05A1 ¹	GW0040-042721	2021-04-27	FG	1209	see footnote	7.83	48	6.84	5.6
BPS11-05A1	GW0045-092921	2021-09-29	FG	1314	0.32	8.21	95	6.68	12.7
BPS11-05A2	GW0026-042721	2021-04-27	FG	405	3.48	8.00	34	7.25	9.3
BPS11-05A2	GW0046-092921	2021-09-29	FG	454	3.06	8.36	105	7.11	8.8
BPS11-06	GW0041-042821	2021-04-28	FG	532	3.98	11.34	62	7.22	8.6
BPS11-06	GW0047-092921	2021-09-29	FG	539	3.34	11.68	123	7.16	9.8
BPS11-07	GW0038-042621	2021-04-26	FG	1408	1.10	16.31	41	7.22	10.2
BPS11-07	GW0043-092921	2021-09-29	FG	1421	0.22	16.55	72	7.18	10
BPS11-10B	GW0075-043021	2021-04-30	FG-D	1288	2.29	12.05	601	6.47	9.4

Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results - Field

Location	Field Sample ID	Monitoring Date	Sample Type	Cond (uS/cm)	DO (mg/L)	Post-Sample DTW (ft)	ORP (mV)	pH (SU)	Water Temp (°F)
BPS11-08	GW0039-042721	2021-04-27	FG	730	11.90	16.90	36	7.23	8.3
BPS11-08	GW0044-092921	2021-09-29	FG	701	4.58	19.19	90	7.12	11.9
BPS11-09	GW0004-042221	2021-04-22	FG	379	6.78	5.32	36	7.50	8.9
BPS11-09	GW0052-092721	2021-09-27	FG	385	4.41	5.64	81	7.37	8.8
BPS11-10B	GW0074-043021	2021-04-30	FG-N	1288	2.29	12.05	601	6.47	9.4
BPS11-10B	GW0106-100421	2021-10-04	FG	1274	1.84	12.17	267	6.54	9.7
BPS11-10C	GW0077-043021	2021-04-30	FG	1021	1.82	13.81	544	6.78	10.2
BPS11-11A2	GW0009-092421	2021-09-24	FG-D	331	1.70	6.02	154	7.12	10.1
BPS11-10C	GW0107-100421	2021-10-04	FG	1023	1.73	12.32	240	6.68	10.3
BPS11-11A1	GW0109-050521	2021-05-05	FG	317	1.04	6.00	39	7.04	8.8
BPS11-11A1	GW0007-092421	2021-09-24	FG	326	1.04	6.19	162	6.79	11.8
BPS11-11A2	GW0110-050521	2021-05-05	FG	330	1.46	5.86	44	7.33	10.4
BPS11-11A2	GW0008-092421	2021-09-24	FG-N	331	1.70	6.02	154	7.12	10.1
BPS11-11B	GW0111-050521	2021-05-05	FG	913	1.98	6.41	59	6.69	10.6
BPS11-11B	GW0011-092421	2021-09-24	FG	924	2.14	7.26	183	6.52	10.5
BPS11-11C	GW0112-050521	2021-05-05	FG	870	0.14	14.70	50	6.97	11.4
BPS11-13B	GW0099-100121	2021-10-01	FG-D	1264	2.54	13.47	159	6.51	9.7
BPS11-11C	GW0012-092421	2021-09-24	FG	880	0.20	14.92	72	6.84	11.4
BPS11-12A	GW0115-050621	2021-05-06	FG	512	4.73	8.54	60	7.12	9.7
BPS11-12A	GW0023-092421	2021-09-24	FG	461	4.67	8.97	231	7.08	9.7
BPS11-13B	GW0068-042921	2021-04-29	FG	1344	2.35	13.32	237	6.44	9.6
BPS11-13B	GW0098-100121	2021-10-01	FG-N	1264	2.54	13.47	159	6.51	9.7
BPS11-14A	GW0069-042921	2021-04-29	FG	647	0.65	9.38	257	6.72	8.4
BPS11-14A	GW0101-100121	2021-10-01	FG	613	1.17	9.59	145	6.76	9.5
BPS11-14B	GW0070-042921	2021-04-29	FG	2013	0.25	12.15	276	6.28	9.6
BPS11-16	GW0021-092421	2021-09-24	FG-D	481	4.73	11.58	211	7.31	10.5
BPS11-14B	GW0102-100121	2021-10-01	FG	1855	1.31	11.75	199	6.24	9.9
BPS11-15	GW0107-050621	2021-05-06	FG	587	5.08	9.73	298	7.55	10.3
BPS11-15	GW0019-092421	2021-09-24	FG	648	4.45	10.18	205	7.12	10.1
BPS11-16	GW0108-050621	2021-05-06	FG	460	4.88	11.02	294	7.72	10.5
BPS11-16	GW0020-092421	2021-09-24	FG-N	481	4.73	11.58	211	7.31	10.5
BPS11-17C	GW0080-050321	2021-05-03	FG	2145	0.53	10.52	418	6.45	9.6
BPS11-17C	GW0110-100421	2021-10-04	FG	1922	0.71	10.34	293	6.26	9.7
BPS11-18B	GW0049-042921	2021-04-29	FG	4221	0.18	10.25	129	4.11	10.3
BPS11-18B	GW0112-100421	2021-10-04	FG	3260	0.62	10.60	218	4.29	10.6
BPS11-18C	GW0050-042921	2021-04-29	FG	1894	0.15	10.08	112	5.52	10.6
BPS11-18C	GW0113-100421	2021-10-04	FG	1762	0.66	10.14	214	5.63	10.9
BT-98-02	GW0117-050621	2021-05-06	FG-D	410	0.88	11.49	61	5.79	8.6

Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results - Field

Location	Field Sample ID	Monitoring Date	Sample Type	Cond (uS/cm)	DO (mg/L)	Post-Sample DTW (ft)	ORP (mV)	pH (SU)	Water Temp (°F)
BPS11-19A2	GW0113-050621	2021-05-06	FG	456	4.82	4.33	65	6.66	9.9
BPS11-19A2	GW0013-092421	2021-09-24	FG	465	5.13	4.50	153	6.62	9.7
BPS11-19B	GW0114-050621	2021-05-06	FG	92	2.17	4.39	77	6.48	10.3
BPS11-19B	GW0014-092421	2021-09-24	FG	923	2.06	4.24	163	6.48	10.3
BT-98-02	GW0116-050621	2021-05-06	FG-N	410	0.88	11.49	61	5.79	8.6
BT-98-02	GW0025-092421	2021-09-24	FG	399	4.02	11.63	261	5.67	11.7
BT-98-02B	GW0119-050621	2021-05-06	FG	577	5.26	9.95	41	6.49	10.3
BT-98-02B	GW0024-092421	2021-09-24	FG	564	5.62	10.11	253	6.39	10.1
FP98-1	GW0047-042821	2021-04-28	FG	3582	6.37	7.37	57	6.36	8
FP98-1	GW0077-100421	2021-10-04	FG	3061	5.32	7.45	119	6.59	14.1
FP98-1B	GW0046-042821	2021-04-28	FG	687	0.17	23.90	25	6.87	10.1
FP98-1B	GW0074-093021	2021-09-30	FG-N	684	0.87	24.28	116	6.86	9.4
FP98-2	GW0029-042321	2021-04-23	FG	783	1.49	5.97	64	6.96	6.8
FP98-2	GW0034-092821	2021-09-28	FG	769	0.19	6.44	95	6.78	10.6
FP98-6	GW0028-042321	2021-04-23	FG	873	0.48	8.16	65	6.63	4.6
FP98-6	GW0033-092821	2021-09-28	FG	909	0.32	8.43	74	6.40	10.6
GS-08R	GW0056-043021	2021-04-30	FG	1405	1.08	17.87	56	6.51	10.8
GS-08R	GW0084-100421	2021-10-04	FG	1207	1.08	17.82	132	6.63	10.6
GS-09R	GW0057-043021	2021-04-30	FG	3800	0.22	13.58	136	5.22	10.1
GS-09R	GW0085-100121	2021-10-01	FG	3252	0.12	13.79	184	5.44	10
GS-11R	GW0081-050321	2021-05-03	FG	2255	0.79	13.52	151	5.77	11.8
GS-11R	GW0086-100121	2021-10-01	FG	2245	1.56	15.50	186	5.87	11.1
GS-13A	GW0031-042321	2021-04-23	FG	1815	8.16	10.15	109	7.21	7.3
GS-13A	GW0036-092821	2021-09-28	FG	1990	1.57	11.14	126	7.07	9.7
GS-30D	GW0051-042921	2021-04-29	FG	2790	0.16	11.25	102	5.71	9.9
GS-30D	GW0078-100121	2021-10-01	FG	2850	0.23	11.41	189	5.76	9.6
GS-40R	GW0059-050321	2021-05-03	FG-D	2690	0.18	25.36	97	5.20	9.6
GS-30S	GW0052-042921	2021-04-29	FG	1531	0.19	14.70	22	6.38	9.1
GS-30S	GW0079-100121	2021-10-01	FG	1622	0.14	14.80	-29	6.43	9.2
GS-31D	GW0012-042721	2021-04-27	FG	864	0.44	6.35	181	6.28	9.5
GS-31D	GW0062-092821	2021-09-28	FG	848	1.20	6.53	184	6.33	9.3
GS-31S	GW0013-042721	2021-04-27	FG	575	2.61	6.77	155	6.95	7.4
GS-31S	GW0063-092821	2021-09-28	FG	552	2.80	6.94	163	6.92	10
GS-32D	GW0054-042921	2021-04-29	FG	2499	0.91	7.41	66	6.10	7.7
GS-32D	GW0081-100121	2021-10-01	FG	2514	0.86	6.64	188	6.20	7.5
GWQC	GW0018-042821	2021-04-28	FB						
GWQC	GW0034-042721	2021-04-27	FB						
GWQC	GW0076-043021	2021-04-30	FB						

Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results - Field

Location	Field Sample ID	Monitoring Date	Sample Type	Cond (uS/cm)	DO (mg/L)	Post-Sample DTW (ft)	ORP (mV)	pH (SU)	Water Temp (°F)
GWQC	GW0060-050321	2021-05-03	FB						
GWQC	GW0091-050421	2021-05-04	FB						
GWQC	GW0105-050621	2021-05-06	FB						
GWQC	GW0118-050621	2021-05-06	FB						
GWQC	GW0124-050721	2021-05-07	FB						
GWQC	GW0010-092421	2021-09-24	FB						
GWQC	GW0022-092421	2021-09-24	FB						
GWQC	GW0041-092921	2021-09-29	FB						
GWQC	GW0057-092821	2021-09-28	FB						
GWQC	GW0100-100121	2021-10-01	FB						
GS-32S	GW0055-042921	2021-04-29	FG	1649	0.23	6.86	66	6.18	6.8
GS-32S	GW0082-100121	2021-10-01	FG	1682	0.08	6.18	182	6.20	7.5
GS-40R	GW0058-050321	2021-05-03	FG-N	2690	0.18	25.36	97	5.20	9.6
FP98-1B	GW0075-093021	2021-09-30	FG-D	684	0.87	24.28	116	6.86	9.4
GWQC	GW0076-093021	2021-09-30	FB						
GS-40R	GW0083-100421	2021-10-04	FG	2443	0.12	25.37	118	5.51	9.7
GS-44D	GW0014-042721	2021-04-27	FG	390	0.25	24.28	268	5.43	9.8
GS-44D	GW0064-092821	2021-09-28	FG	384	1.58	24.08	262	5.46	9.8
GS-44S	GW0015-042721	2021-04-27	FG	386	4.64	23.75	283	5.16	9.6
GS-44S	GW0065-092821	2021-09-28	FG	293	6.83	22.80	261	5.73	9.8
GS-46D	GW0005-042321	2021-04-23	FG	487	5.44	28.70	138	6.67	10.1
GS-46D	GW0053-092821	2021-09-28	FG	510	5.14	28.54	67	6.53	10.3
GS-46S	GW0006-042321	2021-04-23	FG	616	7.73	28.77	134	7.04	10.3
GS-46S	GW0054-092821	2021-09-28	FG	534	6.61	28.46	120	7.09	10.8
GWQC	GW0117-100521	2021-10-05	FB						
HCA-B1	GW0025-042221	2021-04-22	FG	1530	0.34	8.44	112	5.62	9
HCA-B1	GW0030-092721	2021-09-27	FG	1522	0.10	8.76	174	5.58	8.9
HCA-B2	GW0024-042221	2021-04-22	FG	1230	0.99	11.76	46	6.24	8.8
HCA-B2	GW0029-092721	2021-09-27	FG	1275	0.11	12.02	42	6.20	9.1
MF-07	GW0048-042921	2021-04-29	FG	1597	1.14	10.92	65	6.23	7
MF-07	GW0111-100421	2021-10-04	FG	1682	0.84	11.26	266	6.30	12.9
MF-08	GW0083-050321	2021-05-03	FG	1894	0.16	7.86	89	6.21	7.6
MF-08	GW0088-100121	2021-10-01	FG	1653	0.13	7.63	181	6.39	9.6
MF-09	GW0016-042821	2021-04-28	FG-N	1259	0.31	12.00	214	6.56	7.6
MF-09	GW0017-042821	2021-04-28	FG-D	1259	0.31	12.00	214	6.56	7.6
MF-09	GW0066-092821	2021-09-28	FG	1145	1.89	12.05	140	6.47	10
MF-10	GW0082-050321	2021-05-03	FG	654	0.90	11.32	69	6.33	7.9
MF-10	GW0087-100521	2021-10-05	FG	599	2.70	11.24	115	6.38	11.1

Table 5b. BPSOU 2021 Groundwater Monitoring Water Quality Results - Field

Location	Field Sample ID	Monitoring Date	Sample Type	Cond (uS/cm)	DO (mg/L)	Post-Sample DTW (ft)	ORP (mV)	pH (SU)	Water Temp (°F)
MF-11	GW0007-042321	2021-04-23	FG	770	2.78	10.19	75	7.02	7.2
MF-11	GW0055-092821	2021-09-28	FG-N	930	1.78	10.07	37	6.90	11
MF-11	GW0056-092821	2021-09-28	FG-D	930	1.78	10.07	37	6.90	11
MH-MSD106	GW0125-051121	2021-05-11	FG	788	1.84		88	6.26	8.9
MH-MSD108	GW0126-051121	2021-05-11	FG	1054	2.52		95	6.04	9.2
MH-MSD110	GW0127-051121	2021-05-11	FG	1398	3.30		111	5.78	8.9
MH-MSD113	GW0128-051121	2021-05-11	FG	1646	1.79		115	5.64	10.3
MH-MSD116	GW0129-051121	2021-05-11	FG	2911	0.19			4.69	9.9
MSD-01B	GW0085-050421	2021-05-04	FG	2609	0.12	10.64	102	5.17	10.3
MSD-01B	GW0089-100521	2021-10-05	FG	2427	0.06	10.57	138	5.18	11.1
MSD-01C	GW0086-050421	2021-05-04	FG	3148	0.06	11.78	84	6.01	10.4
MSD-01C	GW0090-100521	2021-10-05	FG	3072	0.05	12.07	106	5.95	10.5
MSD-02A	GW0089-050421	2021-05-04	FG-N	812	4.22	10.31	367	4.96	8
MSD-02A	GW0090-050421	2021-05-04	FG-D	812	4.22	10.31	367	4.96	8
MSD-02A	GW0121-100621	2021-10-06	FG	628	2.56	10.42	215	5.33	12.6
MSD-02B	GW0092-050421	2021-05-04	FG	4348	0.34	11.40	360	4.35	10.1
MSD-02B	GW0122-100621	2021-10-06	FG	3534	1.08	11.36	232	4.22	10.3
MSD-03	GW0084-050321	2021-05-03	FG	2843	0.15	8.83	113	5.47	10.5
MSD-03	GW0091-100521	2021-10-05	FG	2602	0.19	9.24	170	5.70	10.6
MSD-04	GW0008-042321	2021-04-23	FG	875	0.81	10.44	154	6.36	9.2
MSD-04	GW0058-092821	2021-09-28	FG	804	1.24	10.51	131	6.34	9.2
MSD-05	GW0053-042921	2021-04-29	FG	2890	0.11	14.13	105	5.52	10
MSD-05	GW0080-100121	2021-10-01	FG	2946	0.11	14.31	113	5.63	9.8

¹DO was inadvertently measured as 24.6%. A mg/L reading was not recorded.

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
A1	2021-01-27	5400.00	26.51	5426.51	BTL SW Cell	
A1	2021-02-26	5400.00	26.56	5426.56	BTL SW Cell	
A1	2021-03-30	5400.00	26.56	5426.56	BTL SW Cell	
A1	2021-04-20	5400.00	26.53	5426.53	BTL SW Cell	
A1	2021-05-28	5400.00	26.57	5426.57	BTL SW Cell	
A1	2021-06-28	5400.00	26.56	5426.56	BTL SW Cell	
A1	2021-07-27	5400.00	26.57	5426.57	BTL SW Cell	
A1	2021-08-26	5400.00	26.59	5426.59	BTL SW Cell	
A1	2021-09-21	5400.00	26.53	5426.53	BTL SW Cell	
A1	2021-10-28	5400.00	26.56	5426.56	BTL SW Cell	
A1	2021-11-30	5400.00	26.50	5426.50	BTL SW Cell	
A1	2021-12-21	5400.00	26.50	5426.50	BTL SW Cell	
A2	2021-01-27	5400.00	26.14	5426.14	BTL SW Cell	
A2	2021-02-26	5400.00	26.22	5426.22	BTL SW Cell	
A2	2021-03-30	5400.00	26.21	5426.21	BTL SW Cell	
A2	2021-04-20	5400.00	26.16	5426.16	BTL SW Cell	
A2	2021-05-28	5400.00	26.16	5426.16	BTL SW Cell	
A2	2021-06-28	5400.00	26.15	5426.15	BTL SW Cell	
A2	2021-07-27	5400.00	26.16	5426.16	BTL SW Cell	
A2	2021-08-26	5400.00	26.21	5426.21	BTL SW Cell	
A2	2021-09-21	5400.00	26.17	5426.17	BTL SW Cell	
A2	2021-10-28	5400.00	26.20	5426.20	BTL SW Cell	
A2	2021-11-30	5400.00	26.19	5426.19	BTL SW Cell	
A2	2021-12-21	5400.00	26.17	5426.17	BTL SW Cell	
A3	2021-01-27	5400.00	25.04	5425.04	BTL SW Cell	
A3	2021-02-26	5400.00	25.07	5425.07	BTL SW Cell	
A3	2021-03-30	5400.00	25.07	5425.07	BTL SW Cell	
A3	2021-04-20	5400.00	25.03	5425.03	BTL SW Cell	
A3	2021-05-28	5400.00	25.01	5425.01	BTL SW Cell	
A3	2021-06-28	5400.00	25.00	5425.00	BTL SW Cell	
A3	2021-07-27	5400.00	25.02	5425.02	BTL SW Cell	
A3	2021-08-26	5400.00	25.07	5425.07	BTL SW Cell	
A3	2021-09-21	5400.00	25.03	5425.03	BTL SW Cell	
A3	2021-10-28	5400.00	25.06	5425.06	BTL SW Cell	
A3	2021-11-30	5400.00	25.04	5425.04	BTL SW Cell	
A3	2021-12-21	5400.00	25.03	5425.03	BTL SW Cell	
AMC-23B	2021-01-27	5452.88	7.35	5445.53	Alluvium	
AMC-23B	2021-02-25	5452.88	7.36	5445.52	Alluvium	
AMC-23B	2021-03-31	5452.88	7.11	5445.77	Alluvium	
AMC-23B	2021-04-20	5452.88	7.13	5445.75	Alluvium	
AMC-23B	2021-05-27	5452.88	6.90	5445.98	Alluvium	
AMC-23B	2021-06-29	5452.88	7.43	5445.45	Alluvium	
AMC-23B	2021-07-27	5452.88	7.46	5445.42	Alluvium	
AMC-23B	2021-08-26	5452.88	7.15	5445.73	Alluvium	
AMC-23B	2021-09-22	5452.88	7.35	5445.53	Alluvium	
AMC-23B	2021-10-27	5452.88	7.23	5445.65	Alluvium	
AMC-23B	2021-11-29	5452.88	7.34	5445.54	Alluvium	
AMC-23B	2021-12-20	5452.88	7.35	5445.53	Alluvium	
AMC-24B	2021-01-28	5455.94	10.57	5445.37	Alluvium	
AMC-24B	2021-02-25	5455.94	10.59	5445.35	Alluvium	
AMC-24B	2021-03-31	5455.94	10.37	5445.57	Alluvium	
AMC-24B	2021-04-19	5455.94	10.39	5445.55	Alluvium	
AMC-24B	2021-05-27	5455.94	10.02	5445.92	Alluvium	
AMC-24B	2021-06-29	5455.94	10.77	5445.17	Alluvium	
AMC-24B	2021-07-27	5455.94	10.72	5445.22	Alluvium	
AMC-24B	2021-08-26	5455.94	10.44	5445.50	Alluvium	
AMC-24B	2021-09-22	5455.94	10.58	5445.36	Alluvium	
AMC-24B	2021-10-27	5455.94	10.40	5445.54	Alluvium	
AMC-24B	2021-11-30	5455.94	10.54	5445.40	Alluvium	
AMC-24B	2021-12-20	5455.94	10.54	5445.40	Alluvium	
AMC-24C	2021-01-28	5454.63	9.08	5445.55	Alluvium	
AMC-24C	2021-02-25	5454.63	9.10	5445.53	Alluvium	
AMC-24C	2021-03-31	5454.63	8.92	5445.71	Alluvium	
AMC-24C	2021-04-19	5454.63	8.89	5445.74	Alluvium	
AMC-24C	2021-05-27	5454.63	8.70	5445.93	Alluvium	
AMC-24C	2021-06-29	5454.63	9.28	5445.35	Alluvium	
AMC-24C	2021-07-27	5454.63	9.31	5445.32	Alluvium	
AMC-24C	2021-08-26	5454.63	9.58	5445.05	Alluvium	Observed DTW is suspect, continuous recorder indicates value to be approximately 9.06 ft.
AMC-24C	2021-09-22	5454.63	9.19	5445.44	Alluvium	
AMC-24C	2021-10-27	5454.63	9.02	5445.61	Alluvium	
AMC-24C	2021-11-30	5454.63	9.14	5445.49	Alluvium	
AMC-24C	2021-12-20	5454.63	9.14	5445.49	Alluvium	
AMW-01A	2021-01-27	5469.49	12.45	5457.04	Alluvium	
AMW-01A	2021-02-25	5469.49			Alluvium	Could not measure: Wells under snow pile and basketball tournament at civic center.
AMW-01A	2021-03-31	5469.49	12.29	5457.20	Alluvium	
AMW-01A	2021-04-19	5469.49	12.43	5457.06	Alluvium	
AMW-01A	2021-05-27	5469.49	12.00	5457.49	Alluvium	
AMW-01A	2021-06-29	5469.49	12.00	5457.49	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
AMW-01A	2021-07-27	5469.49	11.82	5457.67	Alluvium	
AMW-01A	2021-08-26	5469.49	11.65	5457.84	Alluvium	Observed DTW is suspect, continuous recorder indicates level at 11.75 ft.
AMW-01A	2021-09-22	5469.49	11.86	5457.63	Alluvium	
AMW-01A	2021-10-27	5469.49	12.39	5457.10	Alluvium	
AMW-01A	2021-11-29	5469.49	12.61	5456.88	Alluvium	
AMW-01A	2021-12-21	5469.49	12.46	5457.03	Alluvium	
AMW-01B	2021-01-27	5469.60	11.95	5457.65	Alluvium	
AMW-01B	2021-02-25	5469.60			Alluvium	Could not measure:wells under snow pile and basketball tournament at Civic Center
AMW-01B	2021-03-31	5469.60	12.17	5457.43	Alluvium	
AMW-01B	2021-04-19	5469.60	12.15	5457.45	Alluvium	
AMW-01B	2021-05-27	5469.60	12.03	5457.57	Alluvium	
AMW-01B	2021-06-29	5469.60	12.00	5457.60	Alluvium	
AMW-01B	2021-07-27	5469.60	11.98	5457.62	Alluvium	
AMW-01B	2021-08-26	5469.60	11.82	5457.78	Alluvium	
AMW-01B	2021-09-22	5469.60	11.91	5457.69	Alluvium	
AMW-01B	2021-10-27	5469.60	12.30	5457.30	Alluvium	
AMW-01B	2021-11-29	5469.60	12.52	5457.08	Alluvium	11/30 - DTW=12.51 ft
AMW-01B	2021-12-21	5469.60	12.63	5456.97	Alluvium	
AMW-01C	2021-01-27	5469.60	11.50	5458.10	Alluvium	
AMW-01C	2021-02-25	5469.60			Alluvium	Could not measure: well under snow pile and basketball tournament at the Civic center
AMW-01C	2021-03-31	5469.60	11.80	5457.80	Alluvium	
AMW-01C	2021-04-19	5469.60	12.86	5456.74	Alluvium	Observed DTW is suspect, continuous recorder indicates level to be 11.86 ft.
AMW-01C	2021-05-27	5469.60	11.81	5457.79	Alluvium	
AMW-01C	2021-06-29	5469.60	11.85	5457.75	Alluvium	
AMW-01C	2021-07-27	5469.60	11.90	5457.70	Alluvium	
AMW-01C	2021-08-26	5469.60	11.78	5457.82	Alluvium	
AMW-01C	2021-09-22	5469.60	11.74	5457.86	Alluvium	Observed level is suspect, continuous recorder indicates level to be 11.88 ft.
AMW-01C	2021-10-27	5469.60	12.11	5457.49	Alluvium	
AMW-01C	2021-11-29	5469.60	12.28	5457.32	Alluvium	
AMW-01C	2021-12-21	5469.60	12.43	5457.17	Alluvium	
AMW-02	2021-01-28	5452.54	10.65	5441.89	Alluvium	12.5 ft line to ducer
AMW-02	2021-02-25	5452.54	10.65	5441.89	Alluvium	
AMW-02	2021-03-30	5452.54	10.13	5442.41	Alluvium	
AMW-02	2021-04-19	5452.54	10.25	5442.29	Alluvium	
AMW-02	2021-05-27	5452.54	10.08	5442.46	Alluvium	
AMW-02	2021-06-29	5452.54	10.39	5442.15	Alluvium	
AMW-02	2021-07-26	5452.54	10.44	5442.10	Alluvium	
AMW-02	2021-08-26	5452.54	10.21	5442.33	Alluvium	
AMW-02	2021-09-21	5452.54	10.41	5442.13	Alluvium	
AMW-02	2021-10-27	5452.54	10.47	5442.07	Alluvium	
AMW-02	2021-11-29	5452.54	10.55	5441.99	Alluvium	
AMW-02	2021-12-20	5452.54	10.57	5441.97	Alluvium	
AMW-11	2021-01-28	5449.60	6.51	5443.09	Alluvium	
AMW-11	2021-02-26	5449.60	6.46	5443.14	Alluvium	
AMW-11	2021-03-31	5449.60	6.10	5443.50	Alluvium	
AMW-11	2021-04-19	5449.60	6.00	5443.60	Alluvium	
AMW-11	2021-05-27	5449.60	5.84	5443.76	Alluvium	
AMW-11	2021-06-30	5449.60	6.32	5443.28	Alluvium	
AMW-11	2021-07-26	5449.60	6.33	5443.27	Alluvium	
AMW-11	2021-08-27	5449.60	6.30	5443.30	Alluvium	
AMW-11	2021-09-22	5449.60	6.33	5443.27	Alluvium	
AMW-11	2021-10-27	5449.60	6.26	5443.34	Alluvium	
AMW-11	2021-11-30	5449.60	6.33	5443.27	Alluvium	
AMW-11	2021-12-20	5449.60	6.33	5443.27	Alluvium	
AMW-12	2021-01-28	5464.82	13.61	5451.21	Alluvium	
AMW-12	2021-02-26	5464.82	13.78	5451.04	Alluvium	
AMW-12	2021-03-31	5464.82	13.60	5451.22	Alluvium	
AMW-12	2021-04-19	5464.82	13.61	5451.21	Alluvium	
AMW-12	2021-05-27	5464.82	13.46	5451.36	Alluvium	
AMW-12	2021-06-29	5464.82	13.79	5451.03	Alluvium	
AMW-12	2021-07-27	5464.82	13.61	5451.21	Alluvium	
AMW-12	2021-08-26	5464.82	13.41	5451.41	Alluvium	
AMW-12	2021-09-22	5464.82	13.63	5451.19	Alluvium	
AMW-12	2021-10-27	5464.82	13.70	5451.12	Alluvium	
AMW-12	2021-11-30	5464.82	13.79	5451.03	Alluvium	
AMW-12	2021-12-20	5464.82	13.89	5450.93	Alluvium	
AMW-13	2021-01-28	5454.99	11.49	5443.50	Alluvium	
AMW-13	2021-02-26	5454.99	11.57	5443.42	Alluvium	
AMW-13	2021-03-31	5454.99	11.32	5443.67	Alluvium	
AMW-13	2021-04-19	5454.99	11.33	5443.66	Alluvium	
AMW-13	2021-05-27	5454.99	11.30	5443.69	Alluvium	
AMW-13	2021-06-30	5454.99	10.69	5444.30	Alluvium	
AMW-13	2021-07-26	5454.99	10.49	5444.50	Alluvium	
AMW-13	2021-08-26	5454.99	11.15	5443.84	Alluvium	
AMW-13	2021-09-22	5454.99	11.42	5443.57	Alluvium	
AMW-13	2021-10-27	5454.99	11.59	5443.40	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
AMW-13	2021-11-30	5454.99	11.69	5443.30	Alluvium	
AMW-13	2021-12-20	5454.99	11.73	5443.26	Alluvium	
AMW-13B	2021-01-28	5454.97	10.56	5444.41	Alluvium	
AMW-13B	2021-02-26	5454.97	10.61	5444.36	Alluvium	
AMW-13B	2021-03-31	5454.97	10.35	5444.62	Alluvium	
AMW-13B	2021-04-19	5454.97	10.36	5444.61	Alluvium	
AMW-13B	2021-05-27	5454.97	10.08	5444.89	Alluvium	
AMW-13B	2021-06-30	5454.97	10.75	5444.22	Alluvium	
AMW-13B	2021-07-26	5454.97	10.69	5444.28	Alluvium	
AMW-13B	2021-08-26	5454.97	10.49	5444.48	Alluvium	
AMW-13B	2021-09-22	5454.97	10.58	5444.39	Alluvium	
AMW-13B	2021-10-27	5454.97	10.38	5444.59	Alluvium	
AMW-13B	2021-11-30	5454.97	10.53	5444.44	Alluvium	
AMW-13B	2021-12-20	5454.97	10.52	5444.45	Alluvium	
AMW-13B2	2021-01-28	5456.12	11.71	5444.41	Undef-S&G	
AMW-13B2	2021-02-26	5456.12	11.75	5444.37	Undef-S&G	
AMW-13B2	2021-03-31	5456.12	11.50	5444.62	Undef-S&G	
AMW-13B2	2021-04-19	5456.12	11.49	5444.63	Undef-S&G	
AMW-13B2	2021-05-27	5456.12	11.22	5444.90	Undef-S&G	
AMW-13B2	2021-06-30	5456.12	11.88	5444.24	Undef-S&G	
AMW-13B2	2021-07-26	5456.12	11.83	5444.29	Undef-S&G	
AMW-13B2	2021-08-26	5456.12	11.61	5444.51	Undef-S&G	
AMW-13B2	2021-09-22	5456.12	11.79	5444.33	Undef-S&G	
AMW-13B2	2021-10-27	5456.12	11.52	5444.60	Undef-S&G	
AMW-13B2	2021-11-30	5456.12	11.68	5444.44	Undef-S&G	
AMW-13B2	2021-12-20	5456.12	11.65	5444.47	Undef-S&G	
AMW-13C	2021-01-28	5454.17	9.71	5444.46	Alluvium	
AMW-13C	2021-02-26	5454.17	9.71	5444.46	Alluvium	
AMW-13C	2021-03-31	5454.17	9.49	5444.68	Alluvium	
AMW-13C	2021-04-19	5454.17	9.49	5444.68	Alluvium	
AMW-13C	2021-05-27	5454.17	9.33	5444.84	Alluvium	
AMW-13C	2021-06-30	5454.17	9.85	5444.32	Alluvium	
AMW-13C	2021-07-26	5454.17	9.89	5444.28	Alluvium	
AMW-13C	2021-08-26	5454.17	9.71	5444.46	Alluvium	
AMW-13C	2021-09-22	5454.17	9.82	5444.35	Alluvium	
AMW-13C	2021-10-27	5454.17	9.64	5444.53	Alluvium	
AMW-13C	2021-11-30	5454.17	9.74	5444.43	Alluvium	
AMW-13C	2021-12-20	5454.17	9.75	5444.42	Alluvium	
B1	2021-01-27	5400.00	26.46	5426.46	BTL SW Cell	
B1	2021-02-26	5400.00	26.47	5426.47	BTL SW Cell	
B1	2021-03-30	5400.00	26.51	5426.51	BTL SW Cell	
B1	2021-04-20	5400.00	26.61	5426.61	BTL SW Cell	
B1	2021-05-28	5400.00	26.64	5426.64	BTL SW Cell	
B1	2021-06-28	5400.00	26.62	5426.62	BTL SW Cell	
B1	2021-07-27	5400.00	26.64	5426.64	BTL SW Cell	
B1	2021-08-26	5400.00	26.68	5426.68	BTL SW Cell	
B1	2021-09-21	5400.00	26.62	5426.62	BTL SW Cell	
B1	2021-10-28	5400.00	26.61	5426.61	BTL SW Cell	
B1	2021-11-30	5400.00	26.63	5426.63	BTL SW Cell	
B1	2021-12-21	5400.00	26.58	5426.58	BTL SW Cell	
B3	2021-01-27	5400.00	26.28	5426.28	BTL SW Cell	
B3	2021-02-26	5400.00	26.33	5426.33	BTL SW Cell	
B3	2021-03-30	5400.00	26.35	5426.35	BTL SW Cell	
B3	2021-04-20	5400.00	26.33	5426.33	BTL SW Cell	
B3	2021-05-28	5400.00	26.44	5426.44	BTL SW Cell	
B3	2021-06-28	5400.00	26.63	5426.63	BTL SW Cell	
B3	2021-07-27	5400.00	26.61	5426.61	BTL SW Cell	
B3	2021-08-26	5400.00	26.58	5426.58	BTL SW Cell	
B3	2021-09-21	5400.00	26.35	5426.35	BTL SW Cell	
B3	2021-10-28	5400.00	26.30	5426.30	BTL SW Cell	
B3	2021-11-30	5400.00	26.24	5426.24	BTL SW Cell	
B3	2021-12-21	5400.00	26.22	5426.22	BTL SW Cell	
BMW-01A	2021-01-27	5434.40			Weathered Bedrock	Frozen at 3.83 ft
BMW-01A	2021-02-25	5434.40			Weathered Bedrock	Frozen at 4.46 ft.
BMW-01A	2021-03-30	5434.40			Weathered Bedrock	Ice at 4.34 ft
BMW-01A	2021-04-19	5434.40	3.95	5430.45	Weathered Bedrock	
BMW-01A	2021-05-27	5434.40	3.88	5430.52	Weathered Bedrock	
BMW-01A	2021-06-29	5434.40	4.03	5430.37	Weathered Bedrock	
BMW-01A	2021-07-26	5434.40	4.14	5430.26	Weathered Bedrock	
BMW-01A	2021-08-26	5434.40	3.93	5430.47	Weathered Bedrock	
BMW-01A	2021-09-21	5434.40	4.13	5430.27	Weathered Bedrock	
BMW-01A	2021-10-27	5434.40	4.26	5430.14	Weathered Bedrock	
BMW-01A	2021-11-29	5434.40	4.36	5430.04	Weathered Bedrock	
BMW-01A	2021-12-20	5434.40	4.45	5429.95	Weathered Bedrock	
BMW-01B	2021-01-27	5433.62			Bedrock	Frozen at 3.55 ft
BMW-01B	2021-02-25	5433.62			Bedrock	Frozen at 3.55 ft.
BMW-01B	2021-03-30	5433.62			Bedrock	Ice at 3.51 ft
BMW-01B	2021-04-19	5433.62			Bedrock	Ice at 3.07 ft.
BMW-01B	2021-05-27	5433.62	3.01	5430.61	Bedrock	
BMW-01B	2021-06-29	5433.62	3.20	5430.42	Bedrock	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BMW-01B	2021-07-26	5433.62	3.30	5430.32	Bedrock	
BMW-01B	2021-08-26	5433.62	3.08	5430.54	Bedrock	
BMW-01B	2021-09-21	5433.62	3.28	5430.34	Bedrock	
BMW-01B	2021-10-27	5433.62	3.44	5430.18	Bedrock	
BMW-01B	2021-11-29	5433.62	3.50	5430.12	Bedrock	
BMW-01B	2021-12-20	5433.62	3.60	5430.02	Bedrock	
BMW-01C	2021-01-27	5434.60	4.82	5429.78	Alluvium	
BMW-01C	2021-02-25	5434.60	4.73	5429.87	Alluvium	
BMW-01C	2021-03-30	5434.60			Alluvium	Ice at 4.10 ft
BMW-01C	2021-04-19	5434.60			Alluvium	Ice at 4.13 ft.
BMW-01C	2021-05-27	5434.60	3.85	5430.75	Alluvium	
BMW-01C	2021-06-29	5434.60	4.42	5430.18	Alluvium	
BMW-01C	2021-07-26	5434.60	4.61	5429.99	Alluvium	
BMW-01C	2021-08-26	5434.60	4.65	5429.95	Alluvium	
BMW-01C	2021-09-21	5434.60	4.64	5429.96	Alluvium	
BMW-01C	2021-10-27	5434.60	4.70	5429.90	Alluvium	
BMW-01C	2021-11-29	5434.60	4.76	5429.84	Alluvium	
BMW-01C	2021-12-20	5434.60	4.80	5429.80	Alluvium	
BMW-02A	2021-01-27	5427.69	6.81	5420.88	Alluvium	
BMW-02A	2021-02-26	5427.69	6.87	5420.82	Alluvium	
BMW-02A	2021-03-31	5427.69	6.76	5420.93	Alluvium	
BMW-02A	2021-04-20	5427.69	6.74	5420.95	Alluvium	
BMW-02A	2021-05-28	5427.69	6.72	5420.97	Alluvium	
BMW-02A	2021-06-30	5427.69	6.71	5420.98	Alluvium	
BMW-02A	2021-07-26	5427.69	6.71	5420.98	Alluvium	
BMW-02A	2021-08-27	5427.69	6.73	5420.96	Alluvium	
BMW-02A	2021-09-22	5427.69	6.75	5420.94	Alluvium	
BMW-02A	2021-10-28	5427.69	6.78	5420.91	Alluvium	
BMW-02A	2021-11-30	5427.69	6.79	5420.90	Alluvium	
BMW-02A	2021-12-20	5427.69	6.80	5420.89	Alluvium	
BMW-02B	2021-01-27	5427.31	6.47	5420.84	Bedrock	
BMW-02B	2021-02-26	5427.31	6.46	5420.85	Bedrock	
BMW-02B	2021-03-31	5427.31	6.40	5420.91	Bedrock	
BMW-02B	2021-04-20	5427.31	6.34	5420.97	Bedrock	
BMW-02B	2021-05-28	5427.31	6.26	5421.05	Bedrock	
BMW-02B	2021-06-30	5427.31	6.29	5421.02	Bedrock	
BMW-02B	2021-07-26	5427.31	6.30	5421.01	Bedrock	
BMW-02B	2021-08-27	5427.31	6.34	5420.97	Bedrock	
BMW-02B	2021-09-22	5427.31	6.37	5420.94	Bedrock	
BMW-02B	2021-10-28	5427.31	6.41	5420.90	Bedrock	
BMW-02B	2021-11-30	5427.31	6.42	5420.89	Bedrock	
BMW-02B	2021-12-20	5427.31	6.44	5420.87	Bedrock	
BMW-02D	2021-01-27	5427.14	5.65	5421.49	Bedrock	
BMW-02D	2021-02-26	5427.14	5.77	5421.37	Bedrock	
BMW-02D	2021-03-31	5427.14	5.65	5421.49	Bedrock	
BMW-02D	2021-04-20	5427.14	5.56	5421.58	Bedrock	
BMW-02D	2021-05-28	5427.14	5.45	5421.69	Bedrock	
BMW-02D	2021-06-30	5427.14	5.50	5421.64	Bedrock	
BMW-02D	2021-07-26	5427.14	5.54	5421.60	Bedrock	
BMW-02D	2021-08-27	5427.14	5.59	5421.55	Bedrock	
BMW-02D	2021-09-22	5427.14	5.66	5421.48	Bedrock	
BMW-02D	2021-10-28	5427.14	5.58	5421.56	Bedrock	
BMW-02D	2021-11-30	5427.14	5.76	5421.38	Bedrock	
BMW-02D	2021-12-20	5427.14	5.68	5421.46	Bedrock	
BMW-03A	2021-01-27	5422.80			Alluvium	Frozen at 4.21 ft
BMW-03A	2021-02-26	5422.80			Alluvium	Frozen at 4.3 ft.
BMW-03A	2021-03-30	5422.80			Alluvium	Frozen at 4.26 ft.
BMW-03A	2021-04-20	5422.80			Alluvium	Frozen at 4.24 ft.
BMW-03A	2021-05-28	5422.80	3.88	5418.92	Alluvium	
BMW-03A	2021-06-29	5422.80	4.37	5418.43	Alluvium	
BMW-03A	2021-07-27	5422.80	4.49	5418.31	Alluvium	
BMW-03A	2021-08-27	5422.80	4.34	5418.46	Alluvium	
BMW-03A	2021-09-22	5422.80	4.41	5418.39	Alluvium	
BMW-03A	2021-10-28	5422.80	4.35	5418.45	Alluvium	
BMW-03A	2021-11-30	5422.80	4.42	5418.38	Alluvium	PVC casing was trimmed 0.72 ft on 11/5/21 and not yet re-surveyed. Actual dtw was 3.7 ft. DTW was adjusted by trimmed length (3.7+0.72).
BMW-03A	2021-12-20	5422.80	4.44	5418.36	Alluvium	PVC casing was trimmed 0.72 ft. on 11/5/21 and not yet re-surveyed. Actual DTW was 3.72 ft. DTW was adjusted by trimmed length (3.72+0.72).
BMW-03B	2021-01-27	5423.19	4.21	5418.98	Bedrock	
BMW-03B	2021-02-26	5423.19	4.17	5419.02	Bedrock	
BMW-03B	2021-03-30	5423.19	3.92	5419.27	Bedrock	Observed dTW is suspect, continuous recorder indicates the level to be approximately 3.97 ft.
BMW-03B	2021-04-20	5423.19	3.93	5419.26	Bedrock	
BMW-03B	2021-05-28	5423.19	3.78	5419.41	Bedrock	
BMW-03B	2021-06-29	5423.19	4.05	5419.14	Bedrock	
BMW-03B	2021-07-27	5423.19	4.16	5419.03	Bedrock	
BMW-03B	2021-08-27	5423.19	4.12	5419.07	Bedrock	
BMW-03B	2021-09-22	5423.19	4.18	5419.01	Bedrock	
BMW-03B	2021-10-28	5423.19	4.19	5419.00	Bedrock	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BMW-03B	2021-11-30	5423.19	4.19	5419.00	Bedrock	
BMW-03B	2021-12-20	5423.19	4.25	5418.94	Bedrock	
BMW-04B	2021-01-27	5423.50	4.59	5418.91	Bedrock	
BMW-04B	2021-02-26	5423.50	4.58	5418.92	Bedrock	
BMW-04B	2021-03-30	5423.50	4.41	5419.09	Bedrock	
BMW-04B	2021-04-20	5423.50	4.38	5419.12	Bedrock	
BMW-04B	2021-05-28	5423.50	4.17	5419.33	Bedrock	
BMW-04B	2021-06-29	5423.50	4.81	5418.69	Bedrock	
BMW-04B	2021-07-27	5423.50			Bedrock	No longer access due to safety concerns.
BMW-04B	2021-09-21	5423.50			Bedrock	Cannot access due to safety concerns.
BMW-04B	2021-10-28	5423.50			Bedrock	Cannot access due to safety concerns
BMW-04B	2021-11-30	5423.50			Bedrock	Cannot access due to safety concerns
BMW-04B	2021-12-20	5423.50			Bedrock	Cannot access due to safety concerns.
BMW-05A	2021-01-27	5439.29	8.04	5431.25	Alluvium	Slushy but not frozen
BMW-05A	2021-02-25	5439.29	8.04	5431.25	Alluvium	
BMW-05A	2021-03-30	5439.29	8.05	5431.24	Alluvium	
BMW-05A	2021-04-19	5439.29	8.06	5431.23	Alluvium	
BMW-05A	2021-05-27	5439.29	8.07	5431.22	Alluvium	
BMW-05A	2021-06-29	5439.29	8.11	5431.18	Alluvium	
BMW-05A	2021-07-26	5439.29	8.14	5431.15	Alluvium	
BMW-05A	2021-08-26	5439.29			Alluvium	Dry
BMW-05A	2021-09-21	5439.29	8.09	5431.20	Alluvium	
BMW-05A	2021-10-27	5439.29	8.08	5431.21	Alluvium	
BMW-05A	2021-11-29	5439.29	8.07	5431.22	Alluvium	
BMW-05A	2021-12-20	5439.29	8.08	5431.21	Alluvium	
BMW-05B	2021-01-27	5439.07	12.79	5426.28	Bedrock	
BMW-05B	2021-02-25	5439.07	12.77	5426.30	Bedrock	
BMW-05B	2021-03-30	5439.07	12.35	5426.72	Bedrock	
BMW-05B	2021-04-19	5439.07	12.33	5426.74	Bedrock	
BMW-05B	2021-05-27	5439.07	12.22	5426.85	Bedrock	
BMW-05B	2021-06-29	5439.07	12.61	5426.46	Bedrock	
BMW-05B	2021-07-26	5439.07	12.89	5426.18	Bedrock	
BMW-05B	2021-08-26	5439.07	12.84	5426.23	Bedrock	
BMW-05B	2021-09-21	5439.07	12.94	5426.13	Bedrock	
BMW-05B	2021-10-27	5439.07	12.93	5426.14	Bedrock	
BMW-05B	2021-11-29	5439.07	12.95	5426.12	Bedrock	
BMW-05B	2021-12-20	5439.07	13.03	5426.04	Bedrock	
BMW-06B	2021-01-27	5430.35	10.13	5420.22	Bedrock	
BMW-06B	2021-02-26	5430.35	10.16	5420.19	Bedrock	
BMW-06B	2021-03-30	5430.35	10.00	5420.35	Bedrock	
BMW-06B	2021-04-20	5430.35	9.98	5420.37	Bedrock	
BMW-06B	2021-05-28	5430.35	9.98	5420.37	Bedrock	
BMW-06B	2021-06-29	5430.35	10.05	5420.30	Bedrock	
BMW-06B	2021-07-26	5430.35	10.12	5420.23	Bedrock	
BMW-06B	2021-08-27	5430.35	10.04	5420.31	Bedrock	
BMW-06B	2021-09-21	5430.35	10.10	5420.25	Bedrock	
BMW-06B	2021-10-28	5430.35	10.16	5420.19	Bedrock	
BMW-06B	2021-11-30	5430.35	10.19	5420.16	Bedrock	
BMW-06B	2021-12-20	5430.35	10.22	5420.13	Bedrock	
BMW-08A	2021-01-27	5447.71			Alluvium	Cap frozen could not access
BMW-08A	2021-02-26	5447.71			Alluvium	Frozen cap
BMW-08A	2021-03-30	5447.71			Alluvium	Mud at 11.25 ft
BMW-08A	2021-04-20	5447.71			Alluvium	Dry at 11.23 ft.
BMW-08A	2021-05-27	5447.71			Alluvium	Dry at 11.23 ft.
BMW-08A	2021-06-30	5447.71			Alluvium	Dry at 11.23 ft
BMW-08A	2021-07-27	5447.71			Alluvium	Dry at 11.23 ft
BMW-08A	2021-08-26	5447.71	10.27	5437.44	Alluvium	
BMW-08A	2021-09-21	5447.71	12.00	5435.71	Alluvium	
BMW-08A	2021-10-28	5447.71	11.68	5436.03	Alluvium	
BMW-08A	2021-11-30	5447.71			Alluvium	
BMW-08A	2021-12-20	5447.71	11.72	5435.99	Alluvium	
BMW-09A	2021-01-27	5436.47	6.04	5430.43	Alluvium	
BMW-09A	2021-02-26	5436.47	5.91	5430.56	Alluvium	
BMW-09A	2021-03-30	5436.47	5.52	5430.95	Alluvium	
BMW-09A	2021-04-19	5436.47	5.41	5431.06	Alluvium	
BMW-09A	2021-05-27	5436.47	5.28	5431.19	Alluvium	
BMW-09A	2021-06-29	5436.47	6.07	5430.40	Alluvium	
BMW-09A	2021-07-26	5436.47	6.08	5430.39	Alluvium	
BMW-09A	2021-08-26	5436.47	5.88	5430.59	Alluvium	
BMW-09A	2021-09-21	5436.47	5.97	5430.50	Alluvium	
BMW-09A	2021-10-27	5436.47	5.81	5430.66	Alluvium	
BMW-09A	2021-11-29	5436.47	5.81	5430.66	Alluvium	
BMW-09A	2021-12-20	5436.47	5.97	5430.50	Alluvium	
BMW-09B	2021-01-27	5436.18	5.76	5430.42	Bedrock	
BMW-09B	2021-02-26	5436.18	5.71	5430.47	Bedrock	
BMW-09B	2021-03-30	5436.18	5.35	5430.83	Bedrock	
BMW-09B	2021-04-19	5436.18	5.49	5430.69	Bedrock	
BMW-09B	2021-05-27	5436.18	5.33	5430.85	Bedrock	
BMW-09B	2021-06-29	5436.18	5.60	5430.58	Bedrock	
BMW-09B	2021-07-26	5436.18	5.67	5430.51	Bedrock	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BMW-09B	2021-08-26	5436.18	5.51	5430.67	Bedrock	
BMW-09B	2021-09-21	5436.18	5.62	5430.56	Bedrock	
BMW-09B	2021-10-27	5436.18	5.51	5430.67	Bedrock	
BMW-09B	2021-11-29	5436.18	5.66	5430.52	Bedrock	
BMW-09B	2021-12-20	5436.18	5.74	5430.44	Bedrock	
BMW-11B	2021-01-28	5435.54	10.58	5424.96	Bedrock	
BMW-11B	2021-02-25	5435.54	10.58	5424.96	Bedrock	
BMW-11B	2021-03-30	5435.54	10.37	5425.17	Bedrock	
BMW-11B	2021-04-19	5435.54	10.45	5425.09	Bedrock	
BMW-11B	2021-05-27	5435.54	10.33	5425.21	Bedrock	
BMW-11B	2021-06-29	5435.54	10.43	5425.11	Bedrock	
BMW-11B	2021-07-26	5435.54	10.45	5425.09	Bedrock	
BMW-11B	2021-08-26	5435.54	10.34	5425.20	Bedrock	
BMW-11B	2021-09-21	5435.54	10.43	5425.11	Bedrock	
BMW-11B	2021-10-27	5435.54	10.50	5425.04	Bedrock	
BMW-11B	2021-11-29	5435.54	10.57	5424.97	Bedrock	
BMW-11B	2021-12-20	5435.54	10.59	5424.95	Bedrock	
BMW-13B	2021-01-27	5432.98	4.49	5428.49	Alluvium	
BMW-13B	2021-02-26	5432.98	4.42	5428.56	Alluvium	
BMW-13B	2021-03-31	5432.98	4.20	5428.78	Alluvium	
BMW-13B	2021-04-20	5432.98	4.23	5428.75	Alluvium	
BMW-13B	2021-05-27	5432.98	4.13	5428.85	Alluvium	
BMW-13B	2021-06-30	5432.98	4.32	5428.66	Alluvium	
BMW-13B	2021-07-26	5432.98	4.30	5428.68	Alluvium	
BMW-13B	2021-08-26	5432.98	4.21	5428.77	Alluvium	
BMW-13B	2021-09-21	5432.98	4.31	5428.67	Alluvium	
BMW-13B	2021-10-28	5432.98	4.06	5428.92	Alluvium	
BMW-13B	2021-11-30	5432.98	4.45	5428.53	Alluvium	
BMW-13B	2021-12-20	5432.98	4.51	5428.47	Alluvium	
BPS07-01A	2021-01-27	5479.33	19.08	5460.25	Alluvium	
BPS07-01A	2021-02-25	5479.33	19.27	5460.06	Alluvium	
BPS07-01A	2021-03-31	5479.33	19.44	5459.89	Alluvium	
BPS07-01A	2021-04-19	5479.33	19.44	5459.89	Alluvium	
BPS07-01A	2021-05-27	5479.33	19.48	5459.85	Alluvium	
BPS07-01A	2021-06-29	5479.33	19.35	5459.98	Alluvium	
BPS07-01A	2021-07-27	5479.33	19.11	5460.22	Alluvium	
BPS07-01A	2021-08-26	5479.33	18.90	5460.43	Alluvium	
BPS07-01A	2021-09-22	5479.33	18.80	5460.53	Alluvium	
BPS07-01A	2021-10-27	5479.33	19.07	5460.26	Alluvium	
BPS07-01A	2021-11-29	5479.33	19.34	5459.99	Alluvium	
BPS07-01A	2021-12-20	5479.33	19.55	5459.78	Alluvium	
BPS07-01B	2021-01-27	5479.18	18.95	5460.23	Alluvium	
BPS07-01B	2021-02-25	5479.18	19.13	5460.05	Alluvium	
BPS07-01B	2021-03-31	5479.18	19.32	5459.86	Alluvium	
BPS07-01B	2021-04-19	5479.18	19.31	5459.87	Alluvium	
BPS07-01B	2021-05-27	5479.18	19.38	5459.80	Alluvium	
BPS07-01B	2021-06-29	5479.18	19.24	5459.94	Alluvium	
BPS07-01B	2021-07-27	5479.18	19.00	5460.18	Alluvium	
BPS07-01B	2021-08-26	5479.18	18.75	5460.43	Alluvium	
BPS07-01B	2021-09-22	5479.18	18.70	5460.48	Alluvium	
BPS07-01B	2021-10-27	5479.18	18.96	5460.22	Alluvium	
BPS07-01B	2021-11-29	5479.18	19.25	5459.93	Alluvium	
BPS07-01B	2021-12-20	5479.18	19.40	5459.78	Alluvium	
BPS07-03A	2021-01-28	5452.69	10.23	5442.46	Alluvium	
BPS07-03A	2021-02-26	5452.69	10.52	5442.17	Alluvium	
BPS07-03A	2021-03-31	5452.69	10.15	5442.54	Alluvium	
BPS07-03A	2021-04-19	5452.69	10.21	5442.48	Alluvium	
BPS07-03A	2021-05-27	5452.69	9.52	5443.17	Alluvium	
BPS07-03A	2021-06-30	5452.69	10.80	5441.89	Alluvium	Observed DTW is suspect, continuous recorder indicates the level to be 10.60 ft.
BPS07-03A	2021-08-26	5452.69	10.16	5442.53	Alluvium	
BPS07-03A	2021-09-22	5452.69	10.32	5442.37	Alluvium	
BPS07-03A	2021-10-27	5452.69	9.87	5442.82	Alluvium	
BPS07-03A	2021-11-30	5452.69	10.23	5442.46	Alluvium	
BPS07-03A	2021-12-20	5452.69	10.21	5442.48	Alluvium	
BPS07-05A	2021-01-28	5463.12	10.03	5453.09	Alluvium	
BPS07-05A	2021-02-26	5463.12	10.25	5452.87	Alluvium	
BPS07-05A	2021-03-31	5463.12	10.02	5453.10	Alluvium	
BPS07-05A	2021-04-19	5463.12	9.95	5453.17	Alluvium	
BPS07-05A	2021-05-27	5463.12	9.75	5453.37	Alluvium	
BPS07-05A	2021-06-29	5463.12	9.26	5453.86	Alluvium	
BPS07-05A	2021-07-27	5463.12	9.32	5453.80	Alluvium	
BPS07-05A	2021-08-26	5463.12	9.27	5453.85	Alluvium	
BPS07-05A	2021-09-22	5463.12	9.48	5453.64	Alluvium	
BPS07-05A	2021-10-27	5463.12	9.83	5453.29	Alluvium	
BPS07-05A	2021-11-30	5463.12	10.00	5453.12	Alluvium	
BPS07-05A	2021-12-20	5463.12	10.16	5452.96	Alluvium	
BPS07-05B	2021-01-28	5462.50	9.40	5453.10	Alluvium	
BPS07-05B	2021-02-26	5462.50	9.51	5452.99	Alluvium	
BPS07-05B	2021-03-31	5462.50			Alluvium	Frozen

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BPS07-05B	2021-04-19	5462.50	9.41	5453.09	Alluvium	
BPS07-05B	2021-05-27	5462.50	9.34	5453.16	Alluvium	
BPS07-05B	2021-06-29	5462.50	9.51	5452.99	Alluvium	
BPS07-05B	2021-07-27	5462.50	9.52	5452.98	Alluvium	
BPS07-05B	2021-08-26	5462.50	9.36	5453.14	Alluvium	
BPS07-05B	2021-09-22	5462.50	9.43	5453.07	Alluvium	
BPS07-05B	2021-10-27	5462.50	9.44	5453.06	Alluvium	
BPS07-05B	2021-11-30	5462.50	9.55	5452.95	Alluvium	
BPS07-05B	2021-12-20	5462.50	9.66	5452.84	Alluvium	
BPS07-07	2021-01-28	5448.51	5.57	5442.94	Alluvium	
BPS07-07	2021-02-26	5448.51	5.60	5442.91	Alluvium	
BPS07-07	2021-03-31	5448.51	5.25	5443.26	Alluvium	
BPS07-07	2021-04-19	5448.51	5.26	5443.25	Alluvium	
BPS07-07	2021-05-27	5448.51	5.08	5443.43	Alluvium	
BPS07-07	2021-06-30	5448.51	5.56	5442.95	Alluvium	
BPS07-07	2021-07-27	5448.51	5.64	5442.87	Alluvium	
BPS07-07	2021-08-27	5448.51	5.48	5443.03	Alluvium	
BPS07-07	2021-09-22	5448.51	5.44	5443.07	Alluvium	
BPS07-07	2021-10-27	5448.51	5.39	5443.12	Alluvium	
BPS07-07	2021-11-30	5448.51	5.62	5442.89	Alluvium	
BPS07-07	2021-12-20	5448.51	5.51	5443.00	Alluvium	
BPS07-08A	2021-01-27	5450.46	10.32	5440.14	Alluvium	
BPS07-08A	2021-02-25	5450.46	10.35	5440.11	Alluvium	
BPS07-08A	2021-03-30	5450.46	9.71	5440.75	Alluvium	
BPS07-08A	2021-04-19	5450.46	9.96	5440.50	Alluvium	
BPS07-08A	2021-05-27	5450.46	9.84	5440.62	Alluvium	
BPS07-08A	2021-06-29	5450.46	10.11	5440.35	Alluvium	
BPS07-08A	2021-07-26	5450.46	10.09	5440.37	Alluvium	
BPS07-08A	2021-08-26	5450.46	10.00	5440.46	Alluvium	
BPS07-08A	2021-09-21	5450.46	10.16	5440.30	Alluvium	
BPS07-08A	2021-10-27	5450.46	10.27	5440.19	Alluvium	
BPS07-08A	2021-11-29	5450.46	10.33	5440.13	Alluvium	
BPS07-08A	2021-12-20	5450.46	10.33	5440.13	Alluvium	
BPS07-11A	2021-01-27	5473.00	14.61	5458.39	Alluvium	
BPS07-11A	2021-02-25	5473.00	14.77	5458.23	Alluvium	
BPS07-11A	2021-03-31	5473.00	14.69	5458.31	Alluvium	
BPS07-11A	2021-04-19	5473.00	14.61	5458.39	Alluvium	
BPS07-11A	2021-05-27	5473.00	14.50	5458.50	Alluvium	
BPS07-11A	2021-06-29	5473.00	14.10	5458.90	Alluvium	
BPS07-11A	2021-07-27	5473.00	14.09	5458.91	Alluvium	
BPS07-11A	2021-08-26	5473.00	13.72	5459.28	Alluvium	
BPS07-11A	2021-09-22	5473.00	13.94	5459.06	Alluvium	
BPS07-11A	2021-10-27	5473.00	14.63	5458.37	Alluvium	
BPS07-11A	2021-11-30	5473.00	14.97	5458.03	Alluvium	
BPS07-11A	2021-12-20	5473.00	15.10	5457.90	Alluvium	
BPS07-11B	2021-01-27	5472.78	14.25	5458.53	Alluvium	
BPS07-11B	2021-02-25	5472.78	14.38	5458.40	Alluvium	
BPS07-11B	2021-03-31	5472.78	14.54	5458.24	Alluvium	
BPS07-11B	2021-04-19	5472.78	14.51	5458.27	Alluvium	
BPS07-11B	2021-05-27	5472.78	14.45	5458.33	Alluvium	
BPS07-11B	2021-06-29	5472.78	14.35	5458.43	Alluvium	
BPS07-11B	2021-07-27	5472.78	14.39	5458.39	Alluvium	Observed DTW is suspect, continuous recorder indicates value to be 14.33 ft.
BPS07-11B	2021-08-26	5472.78	14.15	5458.63	Alluvium	
BPS07-11B	2021-09-22	5472.78	14.24	5458.54	Alluvium	
BPS07-11B	2021-10-27	5472.78	14.55	5458.23	Alluvium	
BPS07-11B	2021-11-30	5472.78	14.80	5457.98	Alluvium	
BPS07-11B	2021-12-20	5472.78	14.92	5457.86	Alluvium	
BPS07-13A	2021-01-27	5463.58	23.68	5439.90	Alluvium	
BPS07-13A	2021-02-25	5463.58	23.69	5439.89	Alluvium	
BPS07-13A	2021-03-30	5463.58	23.35	5440.23	Alluvium	
BPS07-13A	2021-04-19	5463.58	23.45	5440.13	Alluvium	
BPS07-13A	2021-05-27	5463.58	23.33	5440.25	Alluvium	
BPS07-13A	2021-06-29	5463.58	23.60	5439.98	Alluvium	
BPS07-13A	2021-07-26	5463.58	23.65	5439.93	Alluvium	
BPS07-13A	2021-08-26	5463.58	23.52	5440.06	Alluvium	
BPS07-13A	2021-09-21	5463.58	23.57	5440.01	Alluvium	
BPS07-13A	2021-10-27	5463.58	23.63	5439.95	Alluvium	
BPS07-13A	2021-11-29	5463.58	23.66	5439.92	Alluvium	
BPS07-13A	2021-12-20	5463.58	23.68	5439.90	Alluvium	
BPS07-13B	2021-01-27	5464.70	24.53	5440.17	Alluvium	
BPS07-13B	2021-02-25	5464.70	24.54	5440.16	Alluvium	
BPS07-13B	2021-03-30	5464.70	24.09	5440.61	Alluvium	
BPS07-13B	2021-04-19	5464.70	24.21	5440.49	Alluvium	
BPS07-13B	2021-05-27	5464.70	24.11	5440.59	Alluvium	
BPS07-13B	2021-06-29	5464.70	24.38	5440.32	Alluvium	
BPS07-13B	2021-07-26	5464.70	24.46	5440.24	Alluvium	
BPS07-13B	2021-08-26	5464.70	24.31	5440.39	Alluvium	
BPS07-13B	2021-09-21	5464.70	24.44	5440.26	Alluvium	
BPS07-13B	2021-10-27	5464.70	24.45	5440.25	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BPS07-13B	2021-11-29	5464.70	24.50	5440.20	Alluvium	
BPS07-13B	2021-12-20	5464.70	24.52	5440.18	Alluvium	
BPS07-14A	2021-01-27	5459.52	20.85	5438.67	Alluvium	
BPS07-14A	2021-02-25	5459.52			Alluvium	Frozen at 1.6 feet
BPS07-14A	2021-03-30	5459.52	20.52	5439.00	Alluvium	
BPS07-14A	2021-04-19	5459.52	20.54	5438.98	Alluvium	
BPS07-14A	2021-05-27	5459.52	20.54	5438.98	Alluvium	
BPS07-14A	2021-06-29	5459.52	20.75	5438.77	Alluvium	
BPS07-14A	2021-07-26	5459.52	20.88	5438.64	Alluvium	
BPS07-14A	2021-08-26	5459.52	20.68	5438.84	Alluvium	
BPS07-14A	2021-09-21	5459.52	20.80	5438.72	Alluvium	
BPS07-14A	2021-10-27	5459.52	20.80	5438.72	Alluvium	
BPS07-14A	2021-11-29	5459.52	20.85	5438.67	Alluvium	
BPS07-14A	2021-12-20	5459.52	20.89	5438.63	Alluvium	
BPS07-15A	2021-01-27	5459.33	19.67	5439.66	Alluvium	
BPS07-15A	2021-02-25	5459.33	19.69	5439.64	Alluvium	
BPS07-15A	2021-03-30	5459.33	19.30	5440.03	Alluvium	
BPS07-15A	2021-04-19	5459.33	19.39	5439.94	Alluvium	
BPS07-15A	2021-05-27	5459.33	19.35	5439.98	Alluvium	
BPS07-15A	2021-06-29	5459.33	19.58	5439.75	Alluvium	
BPS07-15A	2021-07-26	5459.33	19.69	5439.64	Alluvium	
BPS07-15A	2021-08-26	5459.33	19.50	5439.83	Alluvium	
BPS07-15A	2021-09-21	5459.33	19.65	5439.68	Alluvium	
BPS07-15A	2021-10-27	5459.33	19.69	5439.64	Alluvium	
BPS07-15A	2021-11-29	5459.33	19.71	5439.62	Alluvium	
BPS07-15A	2021-12-20	5459.33	19.72	5439.61	Alluvium	
BPS07-16A	2021-01-28	5456.26	7.45	5448.81	Alluvium	
BPS07-16A	2021-02-26	5456.26	7.51	5448.75	Alluvium	
BPS07-16A	2021-03-31	5456.26	7.40	5448.86	Alluvium	
BPS07-16A	2021-04-19	5456.26	7.43	5448.83	Alluvium	
BPS07-16A	2021-05-27	5456.26	7.36	5448.90	Alluvium	
BPS07-16A	2021-06-29	5456.26	7.61	5448.65	Alluvium	
BPS07-16A	2021-07-27	5456.26	7.65	5448.61	Alluvium	
BPS07-16A	2021-08-26	5456.26	7.50	5448.76	Alluvium	
BPS07-16A	2021-09-22	5456.26	7.58	5448.68	Alluvium	
BPS07-16A	2021-10-27	5456.26	7.53	5448.73	Alluvium	
BPS07-16A	2021-11-30	5456.26	7.58	5448.68	Alluvium	
BPS07-16A	2021-12-20	5456.26	7.60	5448.66	Alluvium	
BPS07-16B	2021-01-28	5456.53	7.31	5449.22	Alluvium	
BPS07-16B	2021-02-26	5456.53	7.38	5449.15	Alluvium	
BPS07-16B	2021-03-31	5456.53	7.27	5449.26	Alluvium	
BPS07-16B	2021-04-19	5456.53	7.28	5449.25	Alluvium	
BPS07-16B	2021-05-27	5456.53	7.23	5449.30	Alluvium	
BPS07-16B	2021-06-29	5456.53	7.52	5449.01	Alluvium	
BPS07-16B	2021-07-27	5456.53	7.56	5448.97	Alluvium	
BPS07-16B	2021-08-26	5456.53	7.40	5449.13	Alluvium	
BPS07-16B	2021-09-22	5456.53	7.47	5449.06	Alluvium	
BPS07-16B	2021-10-27	5456.53	7.41	5449.12	Alluvium	
BPS07-16B	2021-11-30	5456.53	7.47	5449.06	Alluvium	
BPS07-16B	2021-12-20	5456.53	7.49	5449.04	Alluvium	
BPS07-17A	2021-01-27	5429.62	10.88	5418.74	Alluvium	
BPS07-17A	2021-02-26	5429.62	10.88	5418.74	Alluvium	
BPS07-17A	2021-03-30	5429.62	10.61	5419.01	Alluvium	
BPS07-17A	2021-04-20	5429.62	10.57	5419.05	Alluvium	
BPS07-17A	2021-05-28	5429.62	10.54	5419.08	Alluvium	
BPS07-17A	2021-06-29	5429.62	10.69	5418.93	Alluvium	
BPS07-17A	2021-07-27	5429.62	10.84	5418.78	Alluvium	
BPS07-17A	2021-08-27	5429.62	10.76	5418.86	Alluvium	
BPS07-17A	2021-09-21	5429.62	10.85	5418.77	Alluvium	
BPS07-17A	2021-10-28	5429.62	10.90	5418.72	Alluvium	
BPS07-17A	2021-11-30	5429.62	10.91	5418.71	Alluvium	
BPS07-17A	2021-12-20	5429.62	10.97	5418.65	Alluvium	
BPS07-18A	2021-01-27	5430.10	12.12	5417.98	Alluvium	
BPS07-18A	2021-02-26	5430.10	12.15	5417.95	Alluvium	
BPS07-18A	2021-03-30	5430.10	11.90	5418.20	Alluvium	
BPS07-18A	2021-04-20	5430.10	11.89	5418.21	Alluvium	
BPS07-18A	2021-05-28	5430.10	11.80	5418.30	Alluvium	
BPS07-18A	2021-06-29	5430.10	11.97	5418.13	Alluvium	
BPS07-18A	2021-07-27	5430.10	12.07	5418.03	Alluvium	
BPS07-18A	2021-08-27	5430.10	12.03	5418.07	Alluvium	
BPS07-18A	2021-09-21	5430.10	12.12	5417.98	Alluvium	
BPS07-18A	2021-10-28	5430.10	12.13	5417.97	Alluvium	
BPS07-18A	2021-11-30	5430.10	12.18	5417.92	Alluvium	
BPS07-18A	2021-12-20	5430.10	12.19	5417.91	Alluvium	
BPS07-18B	2021-01-27	5430.32	12.77	5417.55	Alluvium	
BPS07-18B	2021-02-26	5430.32	12.80	5417.52	Alluvium	
BPS07-18B	2021-03-30	5430.32	12.57	5417.75	Alluvium	
BPS07-18B	2021-04-20	5430.32	12.55	5417.77	Alluvium	
BPS07-18B	2021-05-28	5430.32	12.46	5417.86	Alluvium	
BPS07-18B	2021-06-29	5430.32	12.61	5417.71	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BPS07-18B	2021-07-27	5430.32	12.72	5417.60	Alluvium	
BPS07-18B	2021-08-27	5430.32	12.65	5417.67	Alluvium	
BPS07-18B	2021-09-21	5430.32	12.75	5417.57	Alluvium	
BPS07-18B	2021-10-28	5430.32	12.76	5417.56	Alluvium	
BPS07-18B	2021-11-30	5430.32	12.83	5417.49	Alluvium	
BPS07-18B	2021-12-20	5430.32	12.83	5417.49	Alluvium	
BPS07-21	2021-01-28	5457.29	14.64	5442.65	Alluvium	
BPS07-21	2021-02-26	5457.29			Alluvium	Under ice cannot access
BPS07-21	2021-03-31	5457.29			Alluvium	Frozen
BPS07-21	2021-04-19	5457.29			Alluvium	Frozen
BPS07-21	2021-05-27	5457.29	14.18	5443.11	Alluvium	
BPS07-21	2021-06-30	5457.29	14.46	5442.83	Alluvium	
BPS07-21	2021-07-27	5457.29	14.01	5443.28	Alluvium	
BPS07-21	2021-08-26	5457.29	14.12	5443.17	Alluvium	
BPS07-21	2021-09-22	5457.29	14.26	5443.03	Alluvium	
BPS07-21	2021-10-27	5457.29	14.41	5442.88	Alluvium	
BPS07-21	2021-11-30	5457.29	14.55	5442.74	Alluvium	
BPS07-21	2021-12-20	5457.29	14.51	5442.78	Alluvium	
BPS07-21B	2021-01-28	5456.61	13.46	5443.15	Alluvium	
BPS07-21B	2021-02-26	5456.61			Alluvium	Under ice cannot access
BPS07-21B	2021-03-31	5456.61	13.24	5443.37	Alluvium	
BPS07-21B	2021-04-19	5456.61	13.27	5443.34	Alluvium	
BPS07-21B	2021-05-27	5456.61	12.85	5443.76	Alluvium	
BPS07-21B	2021-06-30	5456.61	13.64	5442.97	Alluvium	
BPS07-21B	2021-07-26	5456.61	13.54	5443.07	Alluvium	
BPS07-21B	2021-08-26	5456.61	13.33	5443.28	Alluvium	
BPS07-21B	2021-09-22	5456.61	13.44	5443.17	Alluvium	
BPS07-21B	2021-10-27	5456.61	13.20	5443.41	Alluvium	
BPS07-21B	2021-11-30	5456.61	13.44	5443.17	Alluvium	
BPS07-21B	2021-12-20	5456.61	13.40	5443.21	Alluvium	
BPS07-21C	2021-01-28	5456.94	12.72	5444.22	Alluvium	
BPS07-21C	2021-02-26	5456.94	12.74	5444.20	Alluvium	
BPS07-21C	2021-03-31	5456.94	12.44	5444.50	Alluvium	
BPS07-21C	2021-04-19	5456.94	12.44	5444.50	Alluvium	
BPS07-21C	2021-05-27	5456.94	12.21	5444.73	Alluvium	
BPS07-21C	2021-06-30	5456.94	12.80	5444.14	Alluvium	
BPS07-21C	2021-07-26	5456.94	12.80	5444.14	Alluvium	
BPS07-21C	2021-08-26	5456.94	12.58	5444.36	Alluvium	
BPS07-21C	2021-09-22	5456.94	12.72	5444.22	Alluvium	
BPS07-21C	2021-10-27	5456.94	12.56	5444.38	Alluvium	
BPS07-21C	2021-11-30	5456.94	12.69	5444.25	Alluvium	
BPS07-21C	2021-12-20	5456.94	12.69	5444.25	Alluvium	
BPS07-22	2021-01-28	5451.57	9.99	5441.58	Alluvium	
BPS07-22	2021-02-26	5451.57	9.96	5441.61	Alluvium	
BPS07-22	2021-03-31	5451.57	9.38	5442.19	Alluvium	
BPS07-22	2021-04-19	5451.57	9.41	5442.16	Alluvium	
BPS07-22	2021-05-27	5451.57	9.21	5442.36	Alluvium	
BPS07-22	2021-06-30	5451.57	9.90	5441.67	Alluvium	
BPS07-22	2021-07-26	5451.57	9.90	5441.67	Alluvium	
BPS07-22	2021-08-27	5451.57	9.81	5441.76	Alluvium	
BPS07-22	2021-09-22	5451.57	9.67	5441.90	Alluvium	
BPS07-22	2021-10-27	5451.57	9.54	5442.03	Alluvium	
BPS07-22	2021-11-30	5451.57	9.83	5441.74	Alluvium	
BPS07-22	2021-12-20	5451.57	9.75	5441.82	Alluvium	
BPS07-22B	2021-01-28	5451.45	8.54	5442.91	Alluvium	
BPS07-22B	2021-02-26	5451.45	8.66	5442.79	Alluvium	
BPS07-22B	2021-03-31	5451.45	8.24	5443.21	Alluvium	
BPS07-22B	2021-04-19	5451.45	8.28	5443.17	Alluvium	
BPS07-22B	2021-05-27	5451.45	7.90	5443.55	Alluvium	
BPS07-22B	2021-06-30	5451.45	8.65	5442.80	Alluvium	
BPS07-22B	2021-07-26	5451.45	8.59	5442.86	Alluvium	
BPS07-22B	2021-08-26	5451.45	8.31	5443.14	Alluvium	
BPS07-22B	2021-09-22	5451.45	8.43	5443.02	Alluvium	
BPS07-22B	2021-10-27	5451.45	8.30	5443.15	Alluvium	
BPS07-22B	2021-11-30	5451.45	8.52	5442.93	Alluvium	
BPS07-22B	2021-12-20	5451.45	8.48	5442.97	Alluvium	
BPS07-22C	2021-01-28	5451.24	7.38	5443.86	Alluvium	
BPS07-22C	2021-02-26	5451.24	7.31	5443.93	Alluvium	
BPS07-22C	2021-03-31	5451.24	6.99	5444.25	Alluvium	
BPS07-22C	2021-04-19	5451.24	7.00	5444.24	Alluvium	
BPS07-22C	2021-05-27	5451.24	6.82	5444.42	Alluvium	
BPS07-22C	2021-06-30	5451.24	7.35	5443.89	Alluvium	
BPS07-22C	2021-07-26	5451.24	7.33	5443.91	Alluvium	
BPS07-22C	2021-08-26	5451.24	7.06	5444.18	Alluvium	
BPS07-22C	2021-09-22	5451.24	7.21	5444.03	Alluvium	
BPS07-22C	2021-10-27	5451.24	7.14	5444.10	Alluvium	
BPS07-22C	2021-11-30	5451.24	7.28	5443.96	Alluvium	
BPS07-22C	2021-12-20	5451.24	7.30	5443.94	Alluvium	
BPS07-22R	2021-01-28	5451.39	9.38	5442.01	Alluvium	
BPS07-22R	2021-02-26	5451.39	9.34	5442.05	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BPS07-22R	2021-03-31	5451.39	8.86	5442.53	Alluvium	
BPS07-22R	2021-04-19	5451.39	8.87	5442.52	Alluvium	
BPS07-22R	2021-05-27	5451.39	8.70	5442.69	Alluvium	
BPS07-22R	2021-06-30	5451.39	9.31	5442.08	Alluvium	
BPS07-22R	2021-07-27	5451.39	9.33	5442.06	Alluvium	
BPS07-22R	2021-08-26	5451.39	9.11	5442.28	Alluvium	
BPS07-22R	2021-09-22	5451.39	9.12	5442.27	Alluvium	
BPS07-22R	2021-10-27	5451.39	9.05	5442.34	Alluvium	
BPS07-22R	2021-11-30	5451.39	9.26	5442.13	Alluvium	
BPS07-22R	2021-12-20	5451.39	9.24	5442.15	Alluvium	
BPS07-23	2021-01-28	5450.83	8.70	5442.13	Alluvium	
BPS07-23	2021-02-26	5450.83	8.74	5442.09	Alluvium	
BPS07-23	2021-03-31	5450.83	8.25	5442.58	Alluvium	
BPS07-23	2021-04-19	5450.83	8.22	5442.61	Alluvium	
BPS07-23	2021-05-27	5450.83	8.05	5442.78	Alluvium	
BPS07-23	2021-06-30	5450.83	8.71	5442.12	Alluvium	
BPS07-23	2021-07-27	5450.83	8.75	5442.08	Alluvium	
BPS07-23	2021-08-26	5450.83	8.52	5442.31	Alluvium	
BPS07-23	2021-09-22	5450.83	8.42	5442.41	Alluvium	
BPS07-23	2021-10-27	5450.83	8.40	5442.43	Alluvium	
BPS07-23	2021-11-30	5450.83	8.71	5442.12	Alluvium	
BPS07-23	2021-12-20	5450.83	8.60	5442.23	Alluvium	
BPS07-24	2021-01-28	5456.13	7.92	5448.21	Alluvium	
BPS07-24	2021-02-25	5456.13	8.07	5448.06	Alluvium	
BPS07-24	2021-03-31	5456.13	7.92	5448.21	Alluvium	
BPS07-24	2021-04-19	5456.13	7.92	5448.21	Alluvium	
BPS07-24	2021-05-27	5456.13	7.71	5448.42	Alluvium	
BPS07-24	2021-06-29	5456.13	8.17	5447.96	Alluvium	
BPS07-24	2021-07-27	5456.13	9.12	5447.01	Alluvium	Observed DTW is suspect, measured from top of steel casing not top of PVC. DTW should be approximately 8.24 ft.
BPS07-24	2021-08-26	5456.13	8.02	5448.11	Alluvium	
BPS07-24	2021-09-22	5456.13	8.14	5447.99	Alluvium	
BPS07-24	2021-10-27	5456.13	8.08	5448.05	Alluvium	
BPS07-24	2021-11-30	5456.13	8.17	5447.96	Alluvium	
BPS07-24	2021-12-20	5456.13	8.19	5447.94	Alluvium	
BPS07-25	2021-01-27	5449.08	10.84	5438.24	Alluvium	
BPS07-25	2021-02-26	5449.08	10.85	5438.23	Alluvium	
BPS07-25	2021-03-30	5449.08	10.51	5438.57	Alluvium	
BPS07-25	2021-04-20	5449.08	10.58	5438.50	Alluvium	
BPS07-25	2021-05-27	5449.08	10.52	5438.56	Alluvium	
BPS07-25	2021-06-30	5449.08	10.76	5438.32	Alluvium	
BPS07-25	2021-07-27	5449.08	10.84	5438.24	Alluvium	
BPS07-25	2021-08-27	5449.08	10.60	5438.48	Alluvium	
BPS07-25	2021-09-22	5449.08	11.67	5437.41	Alluvium	Observed DTW measurement is suspect, should be 10.74 ft. Assume well was measured from top of steel casing instead of top of PVC as the difference between the measuring points is documented at 0.90 ft.
BPS07-25	2021-10-28	5449.08	10.81	5438.27	Alluvium	From pvc.
BPS07-25	2021-11-30	5449.08	10.86	5438.22	Alluvium	
BPS07-25	2021-12-20	5449.08	10.83	5438.25	Alluvium	
BPS11-01	2021-01-27	5450.08			Alluvium	Frozen no access
BPS11-01	2021-03-30	5450.08	8.62	5441.46	Alluvium	
BPS11-01	2021-04-19	5450.08	9.01	5441.07	Alluvium	
BPS11-01	2021-05-27	5450.08	8.88	5441.20	Alluvium	
BPS11-01	2021-06-29	5450.08	9.12	5440.96	Alluvium	
BPS11-01	2021-07-26	5450.08	9.20	5440.88	Alluvium	
BPS11-01	2021-08-26	5450.08	8.99	5441.09	Alluvium	
BPS11-01	2021-09-21	5450.08	9.19	5440.89	Alluvium	
BPS11-01	2021-10-27	5450.08	9.32	5440.76	Alluvium	
BPS11-01	2021-11-29	5450.08	9.37	5440.71	Alluvium	
BPS11-01	2021-12-20	5450.08	9.40	5440.68	Alluvium	
BPS11-02	2021-01-27	5447.27			Alluvium	Well cap frozen over. Cannot access.
BPS11-02	2021-02-25	5447.27			Alluvium	Frozen inside no access
BPS11-02	2021-03-30	5447.27	5.84	5441.43	Alluvium	
BPS11-02	2021-04-19	5447.27	6.03	5441.24	Alluvium	
BPS11-02	2021-05-27	5447.27	5.92	5441.35	Alluvium	
BPS11-02	2021-06-29	5447.27	6.20	5441.07	Alluvium	
BPS11-02	2021-07-26	5447.27	6.21	5441.06	Alluvium	
BPS11-02	2021-08-26	5447.27	6.12	5441.15	Alluvium	
BPS11-02	2021-09-21	5447.27	6.24	5441.03	Alluvium	
BPS11-02	2021-10-27	5447.27	6.25	5441.02	Alluvium	
BPS11-02	2021-11-29	5447.27	6.33	5440.94	Alluvium	
BPS11-02	2021-12-20	5447.27	6.35	5440.92	Alluvium	
BPS11-03	2021-01-28	5447.98	5.52	5442.46	Alluvium	
BPS11-03	2021-02-26	5447.98	5.49	5442.49	Alluvium	
BPS11-03	2021-03-31	5447.98	5.00	5442.98	Alluvium	
BPS11-03	2021-04-19	5447.98	5.07	5442.91	Alluvium	
BPS11-03	2021-05-27	5447.98	4.81	5443.17	Alluvium	
BPS11-03	2021-06-30	5447.98	5.32	5442.66	Alluvium	
BPS11-03	2021-07-26	5447.98	5.34	5442.64	Alluvium	
BPS11-03	2021-08-26	5447.98	5.02	5442.96	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BPS11-03	2021-09-22	5447.98	5.20	5442.78	Alluvium	
BPS11-03	2021-10-27	5447.98	5.26	5442.72	Alluvium	
BPS11-03	2021-11-30	5447.98	5.44	5442.54	Alluvium	
BPS11-03	2021-12-20	5447.98	5.41	5442.57	Alluvium	
BPS11-04	2021-01-28	5452.09	8.44	5443.65	Alluvium	
BPS11-04	2021-02-26	5452.09	8.46	5443.63	Alluvium	
BPS11-04	2021-03-31	5452.09	8.12	5443.97	Alluvium	
BPS11-04	2021-04-19	5452.09	8.16	5443.93	Alluvium	
BPS11-04	2021-05-27	5452.09	8.05	5444.04	Alluvium	
BPS11-04	2021-06-30	5452.09	8.51	5443.58	Alluvium	
BPS11-04	2021-07-26	5452.09	8.56	5443.53	Alluvium	
BPS11-04	2021-08-27	5452.09	8.46	5443.63	Alluvium	
BPS11-04	2021-09-22	5452.09	8.47	5443.62	Alluvium	
BPS11-04	2021-10-27	5452.09	8.39	5443.70	Alluvium	
BPS11-04	2021-11-30	5452.09	8.51	5443.58	Alluvium	
BPS11-04	2021-12-20	5452.09	8.57	5443.52	Alluvium	
BPS11-05A1	2021-01-27	5449.38	8.05	5441.33	Alluvium	Lid hinge almost broken
BPS11-05A1	2021-02-25	5449.38	8.05	5441.33	Alluvium	
BPS11-05A1	2021-03-30	5449.38	7.69	5441.69	Alluvium	
BPS11-05A1	2021-04-19	5449.38	7.76	5441.62	Alluvium	
BPS11-05A1	2021-05-27	5449.38	7.71	5441.67	Alluvium	
BPS11-05A1	2021-06-29	5449.38	7.99	5441.39	Alluvium	
BPS11-05A1	2021-07-26	5449.38	8.09	5441.29	Alluvium	
BPS11-05A1	2021-08-26	5449.38	7.91	5441.47	Alluvium	
BPS11-05A1	2021-09-21	5449.38	8.09	5441.29	Alluvium	
BPS11-05A1	2021-10-27	5449.38	8.07	5441.31	Alluvium	
BPS11-05A1	2021-11-29	5449.38	8.16	5441.22	Alluvium	
BPS11-05A1	2021-12-20	5449.38	8.03	5441.35	Alluvium	
BPS11-05A2	2021-01-27	5449.46	8.19	5441.27	Alluvium	Lid hinge almost broken
BPS11-05A2	2021-02-25	5449.46	8.18	5441.28	Alluvium	
BPS11-05A2	2021-03-30	5449.46	7.83	5441.63	Alluvium	
BPS11-05A2	2021-04-19	5449.46	7.86	5441.60	Alluvium	
BPS11-05A2	2021-05-27	5449.46	7.83	5441.63	Alluvium	
BPS11-05A2	2021-06-29	5449.46	8.11	5441.35	Alluvium	
BPS11-05A2	2021-07-26	5449.46	8.20	5441.26	Alluvium	
BPS11-05A2	2021-08-26	5449.46	8.07	5441.39	Alluvium	
BPS11-05A2	2021-09-21	5449.46	8.18	5441.28	Alluvium	
BPS11-05A2	2021-10-27	5449.46	8.15	5441.31	Alluvium	
BPS11-05A2	2021-11-29	5449.46	8.25	5441.21	Alluvium	
BPS11-05A2	2021-12-20	5449.46	8.11	5441.35	Alluvium	
BPS11-06	2021-01-27	5452.05	11.56	5440.49	Alluvium	
BPS11-06	2021-02-25	5452.05	11.56	5440.49	Alluvium	
BPS11-06	2021-03-30	5452.05	11.18	5440.87	Alluvium	
BPS11-06	2021-04-19	5452.05	11.25	5440.80	Alluvium	
BPS11-06	2021-05-27	5452.05	11.19	5440.86	Alluvium	
BPS11-06	2021-06-29	5452.05	11.49	5440.56	Alluvium	
BPS11-06	2021-07-26	5452.05	11.60	5440.45	Alluvium	
BPS11-06	2021-08-26	5452.05	11.42	5440.63	Alluvium	
BPS11-06	2021-09-21	5452.05	11.57	5440.48	Alluvium	
BPS11-06	2021-10-27	5452.05	11.54	5440.51	Alluvium	
BPS11-06	2021-11-29	5452.05	11.63	5440.42	Alluvium	
BPS11-06	2021-12-20	5452.05	11.56	5440.49	Alluvium	
BPS11-07	2021-01-28	5455.46	16.45	5439.01	Alluvium	
BPS11-07	2021-02-25	5455.46	16.46	5439.00	Alluvium	
BPS11-07	2021-03-30	5455.46	16.01	5439.45	Alluvium	
BPS11-07	2021-04-19	5455.46	15.12	5440.34	Alluvium	Observed DTW is suspect, continuous recorder indicates level is 16.12 ft.
BPS11-07	2021-05-27	5455.46	16.06	5439.40	Alluvium	
BPS11-07	2021-06-29	5455.46	16.29	5439.17	Alluvium	
BPS11-07	2021-07-26	5455.46	16.38	5439.08	Alluvium	
BPS11-07	2021-08-26	5455.46	16.17	5439.29	Alluvium	
BPS11-07	2021-09-21	5455.46	16.30	5439.16	Alluvium	
BPS11-07	2021-10-27	5455.46	16.41	5439.05	Alluvium	
BPS11-07	2021-11-29	5455.46	16.47	5438.99	Alluvium	
BPS11-07	2021-12-20	5455.46	16.45	5439.01	Alluvium	
BPS11-08	2021-01-28	5456.82	15.17	5441.65	Alluvium	
BPS11-08	2021-02-25	5456.82	15.20	5441.62	Alluvium	
BPS11-08	2021-03-30	5456.82	14.68	5442.14	Alluvium	
BPS11-08	2021-04-19	5456.82	14.62	5442.20	Alluvium	
BPS11-08	2021-05-27	5456.82	14.44	5442.38	Alluvium	
BPS11-08	2021-06-29	5456.82	14.49	5442.33	Alluvium	
BPS11-08	2021-07-26	5456.82	14.73	5442.09	Alluvium	
BPS11-08	2021-08-26	5456.82	14.45	5442.37	Alluvium	
BPS11-08	2021-09-21	5456.82	14.79	5442.03	Alluvium	
BPS11-08	2021-10-27	5456.82	15.05	5441.77	Alluvium	
BPS11-08	2021-11-29	5456.82	15.18	5441.64	Alluvium	
BPS11-08	2021-12-20	5456.82	15.23	5441.59	Alluvium	
BPS11-09	2021-01-28	5448.20	5.29	5442.91	Alluvium	
BPS11-09	2021-02-26	5448.20	5.32	5442.88	Alluvium	
BPS11-09	2021-03-31	5448.20	5.02	5443.18	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BPS11-09	2021-04-19	5448.20	5.00	5443.20	Alluvium	
BPS11-09	2021-05-27	5448.20	4.92	5443.28	Alluvium	
BPS11-09	2021-06-30	5448.20	5.34	5442.86	Alluvium	
BPS11-09	2021-07-26	5448.20	5.44	5442.76	Alluvium	
BPS11-09	2021-08-27	5448.20	5.30	5442.90	Alluvium	
BPS11-09	2021-09-22	5448.20	5.36	5442.84	Alluvium	
BPS11-09	2021-10-27	5448.20	5.33	5442.87	Alluvium	
BPS11-09	2021-11-30	5448.20	5.42	5442.78	Alluvium	
BPS11-09	2021-12-20	5448.20	5.36	5442.84	Alluvium	
BPS11-10A	2021-01-28	5456.10			Alluvium	Obstructed
BPS11-10A	2021-02-25	5456.10			Alluvium	Damaged, can't access
BPS11-10A	2021-03-31	5456.10			Alluvium	Damaged
BPS11-10A	2021-04-19	5456.10			Alluvium	Well is compromised, can't measure level.
BPS11-10A	2021-05-27	5456.10			Alluvium	Well compromised
BPS11-10A	2021-07-27	5456.10			Alluvium	Well damaged, unable to access.
BPS11-10A	2021-08-26	5456.10			Alluvium	Could not measure, well compromised.
BPS11-10A	2021-09-22	5456.10			Alluvium	Could not measure, well compromised.
BPS11-10A	2021-10-27	5456.10			Alluvium	Well not measured, well damaged
BPS11-10A	2021-11-30	5456.10			Alluvium	well not measured, well damaged.
BPS11-10A	2021-12-20	5456.10			Alluvium	Well cannot be measured due to damage.
BPS11-10B	2021-01-28	5455.75	11.98	5443.77	Alluvium	
BPS11-10B	2021-02-25	5455.75	11.88	5443.87	Alluvium	
BPS11-10B	2021-03-31	5455.75	11.58	5444.17	Alluvium	
BPS11-10B	2021-04-19	5455.75	11.64	5444.11	Alluvium	
BPS11-10B	2021-05-27	5455.75	11.02	5444.73	Alluvium	
BPS11-10B	2021-06-29	5455.75	12.11	5443.64	Alluvium	
BPS11-10B	2021-07-27	5455.75	11.99	5443.76	Alluvium	
BPS11-10B	2021-08-26	5455.75	11.62	5444.13	Alluvium	
BPS11-10B	2021-09-22	5455.75	11.81	5443.94	Alluvium	
BPS11-10B	2021-10-27	5455.75	11.51	5444.24	Alluvium	
BPS11-10B	2021-11-30	5455.75	11.76	5443.99	Alluvium	
BPS11-10B	2021-12-20	5455.75	11.74	5444.01	Alluvium	
BPS11-10C	2021-01-28	5455.91	9.66	5446.25	Alluvium	
BPS11-10C	2021-02-25	5455.91	9.64	5446.27	Alluvium	
BPS11-10C	2021-03-31	5455.91	9.44	5446.47	Alluvium	
BPS11-10C	2021-04-19	5455.91	9.43	5446.48	Alluvium	
BPS11-10C	2021-05-27	5455.91	9.25	5446.66	Alluvium	
BPS11-10C	2021-06-29	5455.91	9.79	5446.12	Alluvium	
BPS11-10C	2021-07-27	5455.91	9.84	5446.07	Alluvium	
BPS11-10C	2021-08-26	5455.91	9.58	5446.33	Alluvium	
BPS11-10C	2021-09-22	5455.91	9.72	5446.19	Alluvium	
BPS11-10C	2021-10-27	5455.91	9.57	5446.34	Alluvium	
BPS11-10C	2021-11-30	5455.91	9.67	5446.24	Alluvium	
BPS11-10C	2021-12-20	5455.91	9.67	5446.24	Alluvium	
BPS11-11A1	2021-01-28	5451.90	5.85	5446.05	Alluvium	
BPS11-11A1	2021-02-25	5451.90	5.82	5446.08	Alluvium	
BPS11-11A1	2021-03-31	5451.90	5.69	5446.21	Alluvium	
BPS11-11A1	2021-04-19	5451.90	5.69	5446.21	Alluvium	
BPS11-11A1	2021-05-27	5451.90	5.62	5446.28	Alluvium	
BPS11-11A1	2021-06-29	5451.90	6.00	5445.90	Alluvium	
BPS11-11A1	2021-07-27	5451.90	6.02	5445.88	Alluvium	
BPS11-11A1	2021-08-26	5451.90	5.78	5446.12	Alluvium	
BPS11-11A1	2021-09-22	5451.90	5.90	5446.00	Alluvium	
BPS11-11A1	2021-10-27	5451.90	5.78	5446.12	Alluvium	
BPS11-11A1	2021-11-30	5451.90	5.86	5446.04	Alluvium	
BPS11-11A1	2021-12-20	5451.90	5.89	5446.01	Alluvium	
BPS11-11A2	2021-01-28	5451.92	5.80	5446.12	Alluvium	
BPS11-11A2	2021-02-25	5451.92	5.77	5446.15	Alluvium	
BPS11-11A2	2021-03-31	5451.92	5.65	5446.27	Alluvium	
BPS11-11A2	2021-04-19	5451.92	5.65	5446.27	Alluvium	
BPS11-11A2	2021-05-27	5451.92	5.57	5446.35	Alluvium	
BPS11-11A2	2021-06-29	5451.92	5.97	5445.95	Alluvium	
BPS11-11A2	2021-07-27	5451.92	5.99	5445.93	Alluvium	
BPS11-11A2	2021-08-26	5451.92	5.75	5446.17	Alluvium	
BPS11-11A2	2021-09-22	5451.92	5.85	5446.07	Alluvium	
BPS11-11A2	2021-10-27	5451.92	5.73	5446.19	Alluvium	
BPS11-11A2	2021-11-30	5451.92	5.82	5446.10	Alluvium	
BPS11-11A2	2021-12-20	5451.92	5.80	5446.12	Alluvium	
BPS11-11B	2021-01-28	5452.06	4.37	5447.69	Alluvium	
BPS11-11B	2021-02-25	5452.06	4.39	5447.67	Alluvium	
BPS11-11B	2021-03-31	5452.06	4.24	5447.82	Alluvium	
BPS11-11B	2021-04-19	5452.06	4.20	5447.86	Alluvium	
BPS11-11B	2021-05-27	5452.06	3.83	5448.23	Alluvium	
BPS11-11B	2021-06-29	5452.06	4.58	5447.48	Alluvium	
BPS11-11B	2021-07-27	5452.06	4.64	5447.42	Alluvium	
BPS11-11B	2021-08-26	5452.06	4.40	5447.66	Alluvium	
BPS11-11B	2021-09-22	5452.06	4.54	5447.52	Alluvium	
BPS11-11B	2021-10-27	5452.06	4.38	5447.68	Alluvium	
BPS11-11B	2021-11-30	5452.06	4.46	5447.60	Alluvium	
BPS11-11B	2021-12-20	5452.06	4.46	5447.60	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BPS11-11C	2021-01-28	5451.65	4.11	5447.54	Alluvium	
BPS11-11C	2021-02-25	5451.65	4.15	5447.50	Alluvium	
BPS11-11C	2021-03-31	5451.65	3.93	5447.72	Alluvium	
BPS11-11C	2021-04-19	5451.65	3.90	5447.75	Alluvium	
BPS11-11C	2021-05-27	5451.65	4.12	5447.53	Alluvium	
BPS11-11C	2021-06-29	5451.65	4.28	5447.37	Alluvium	
BPS11-11C	2021-07-27	5451.65	4.37	5447.28	Alluvium	
BPS11-11C	2021-08-26	5451.65	4.15	5447.50	Alluvium	
BPS11-11C	2021-09-22	5451.65	4.30	5447.35	Alluvium	
BPS11-11C	2021-10-27	5451.65	4.13	5447.52	Alluvium	
BPS11-11C	2021-11-30	5451.65	4.19	5447.46	Alluvium	
BPS11-11C	2021-12-20	5451.65	4.20	5447.45	Alluvium	
BPS11-12A	2021-01-28	5452.35	8.69	5443.66	Alluvium	
BPS11-12A	2021-02-26	5452.35	8.68	5443.67	Alluvium	
BPS11-12A	2021-03-31	5452.35	8.42	5443.93	Alluvium	
BPS11-12A	2021-04-19	5452.35	8.40	5443.95	Alluvium	
BPS11-12A	2021-05-27	5452.35	8.43	5443.92	Alluvium	
BPS11-12A	2021-06-30	5452.35	8.78	5443.57	Alluvium	
BPS11-12A	2021-07-26	5452.35			Alluvium	Could not access due to electrical construction at site.
BPS11-12A	2021-08-27	5452.35	8.77	5443.58	Alluvium	
BPS11-12A	2021-09-22	5452.35	8.85	5443.50	Alluvium	
BPS11-12A	2021-10-27	5452.35	8.78	5443.57	Alluvium	
BPS11-12A	2021-11-30	5452.35	8.80	5443.55	Alluvium	
BPS11-12A	2021-12-20	5452.35	8.79	5443.56	Alluvium	
BPS11-13B	2021-01-28	5459.98	13.08	5446.90	Alluvium	
BPS11-13B	2021-02-26	5459.98	13.20	5446.78	Alluvium	
BPS11-13B	2021-03-31	5459.98	13.01	5446.97	Alluvium	
BPS11-13B	2021-04-19	5459.98	13.04	5446.94	Alluvium	
BPS11-13B	2021-05-27	5459.98	12.85	5447.13	Alluvium	
BPS11-13B	2021-06-29	5459.98	13.33	5446.65	Alluvium	
BPS11-13B	2021-07-27	5459.98	13.34	5446.64	Alluvium	
BPS11-13B	2021-08-26	5459.98	13.12	5446.86	Alluvium	
BPS11-13B	2021-09-22	5459.98	13.20	5446.78	Alluvium	
BPS11-13B	2021-10-27	5459.98	13.13	5446.85	Alluvium	
BPS11-13B	2021-11-30	5459.98	13.19	5446.79	Alluvium	
BPS11-13B	2021-12-20	5459.98	13.22	5446.76	Alluvium	
BPS11-14A	2021-01-28	5457.11	9.03	5448.08	Alluvium	
BPS11-14A	2021-02-25	5457.11	9.32	5447.79	Alluvium	
BPS11-14A	2021-03-31	5457.11	9.13	5447.98	Alluvium	
BPS11-14A	2021-04-19	5457.11	9.14	5447.97	Alluvium	
BPS11-14A	2021-05-27	5457.11	8.96	5448.15	Alluvium	
BPS11-14A	2021-06-29	5457.11	9.36	5447.75	Alluvium	
BPS11-14A	2021-07-27	5457.11	9.40	5447.71	Alluvium	
BPS11-14A	2021-08-26	5457.11	9.20	5447.91	Alluvium	
BPS11-14A	2021-09-22	5457.11	9.31	5447.80	Alluvium	
BPS11-14A	2021-10-27	5457.11	9.29	5447.82	Alluvium	
BPS11-14A	2021-11-30	5457.11	9.36	5447.75	Alluvium	
BPS11-14A	2021-12-20	5457.11	9.36	5447.75	Alluvium	
BPS11-14B	2021-01-28	5457.02	8.65	5448.37	Alluvium	
BPS11-14B	2021-02-25	5457.02	8.96	5448.06	Alluvium	
BPS11-14B	2021-03-31	5457.02	8.76	5448.26	Alluvium	
BPS11-14B	2021-04-19	5457.02	8.77	5448.25	Alluvium	
BPS11-14B	2021-05-27	5457.02	8.60	5448.42	Alluvium	
BPS11-14B	2021-06-29	5457.02	9.00	5448.02	Alluvium	
BPS11-14B	2021-07-27	5457.02	9.05	5447.97	Alluvium	
BPS11-14B	2021-08-26	5457.02	8.85	5448.17	Alluvium	
BPS11-14B	2021-09-22	5457.02	8.96	5448.06	Alluvium	
BPS11-14B	2021-10-27	5457.02	8.92	5448.10	Alluvium	
BPS11-14B	2021-11-30	5457.02	8.98	5448.04	Alluvium	
BPS11-14B	2021-12-20	5457.02	9.02	5448.00	Alluvium	
BPS11-15	2021-01-27	5453.52	9.86	5443.66	Alluvium	
BPS11-15	2021-02-25	5453.52	9.84	5443.68	Alluvium	
BPS11-15	2021-03-30	5453.52	9.58	5443.94	Alluvium	
BPS11-15	2021-04-19	5453.52	9.59	5443.93	Alluvium	
BPS11-15	2021-05-27	5453.52	9.68	5443.84	Alluvium	
BPS11-15	2021-06-29	5453.52	9.94	5443.58	Alluvium	
BPS11-15	2021-07-26	5453.52	10.05	5443.47	Alluvium	
BPS11-15	2021-08-26	5453.52	10.00	5443.52	Alluvium	
BPS11-15	2021-09-21	5453.52	10.08	5443.44	Alluvium	
BPS11-15	2021-10-27	5453.52	9.97	5443.55	Alluvium	
BPS11-15	2021-11-29	5453.52	9.99	5443.53	Alluvium	
BPS11-15	2021-12-20	5453.52	9.96	5443.56	Alluvium	
BPS11-16	2021-01-27	5455.88	10.58	5445.30	Alluvium	
BPS11-16	2021-02-25	5455.88	10.61	5445.27	Alluvium	
BPS11-16	2021-03-30	5455.88	10.35	5445.53	Alluvium	
BPS11-16	2021-04-19	5455.88	10.35	5445.53	Alluvium	
BPS11-16	2021-05-27	5455.88	10.51	5445.37	Alluvium	
BPS11-16	2021-06-29	5455.88	10.82	5445.06	Alluvium	
BPS11-16	2021-07-26	5455.88	11.07	5444.81	Alluvium	
BPS11-16	2021-08-26	5455.88	10.91	5444.97	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BPS11-16	2021-09-21	5455.88	11.01	5444.87	Alluvium	
BPS11-16	2021-10-27	5455.88	10.80	5445.08	Alluvium	
BPS11-16	2021-11-29	5455.88	10.79	5445.09	Alluvium	
BPS11-16	2021-12-20	5455.88	10.80	5445.08	Alluvium	
BPS11-17C	2021-01-27	5461.64	7.81	5453.83	Alluvium	
BPS11-17C	2021-02-25	5461.64	7.99	5453.65	Alluvium	
BPS11-17C	2021-03-31	5461.64	7.85	5453.79	Alluvium	
BPS11-17C	2021-04-20	5461.64	7.86	5453.78	Alluvium	
BPS11-17C	2021-05-27	5461.64	7.73	5453.91	Alluvium	
BPS11-17C	2021-06-29	5461.64	7.95	5453.69	Alluvium	
BPS11-17C	2021-07-27	5461.64	8.02	5453.62	Alluvium	
BPS11-17C	2021-08-26	5461.64	7.90	5453.74	Alluvium	
BPS11-17C	2021-09-22	5461.64	7.99	5453.65	Alluvium	
BPS11-17C	2021-10-27	5461.64	8.13	5453.51	Alluvium	
BPS11-17C	2021-11-29	5461.64	8.23	5453.41	Alluvium	
BPS11-17C	2021-12-20	5461.64	8.28	5453.36	Alluvium	
BPS11-18B	2021-01-27	5463.59	9.75	5453.84	Alluvium	
BPS11-18B	2021-02-25	5463.59			Alluvium	Frozen
BPS11-18B	2021-03-31	5463.59	9.69	5453.90	Alluvium	
BPS11-18B	2021-04-20	5463.59	9.75	5453.84	Alluvium	
BPS11-18B	2021-05-27	5463.59	9.61	5453.98	Alluvium	
BPS11-18B	2021-06-29	5463.59	9.80	5453.79	Alluvium	
BPS11-18B	2021-07-27	5463.59	9.83	5453.76	Alluvium	
BPS11-18B	2021-08-26	5463.59	9.70	5453.89	Alluvium	
BPS11-18B	2021-09-22	5463.59	9.78	5453.81	Alluvium	
BPS11-18B	2021-10-27	5463.59	9.99	5453.60	Alluvium	
BPS11-18B	2021-11-29	5463.59	10.11	5453.48	Alluvium	
BPS11-18B	2021-12-20	5463.59	10.15	5453.44	Alluvium	
BPS11-18C	2021-01-27	5463.72	9.69	5454.03	Alluvium	
BPS11-18C	2021-02-25	5463.72			Alluvium	Frozen
BPS11-18C	2021-03-31	5463.72	9.77	5453.95	Alluvium	
BPS11-18C	2021-04-20	5463.72	9.79	5453.93	Alluvium	
BPS11-18C	2021-05-27	5463.72	9.65	5454.07	Alluvium	
BPS11-18C	2021-06-29	5463.72	9.83	5453.89	Alluvium	
BPS11-18C	2021-07-27	5463.72	9.85	5453.87	Alluvium	
BPS11-18C	2021-08-26	5463.72	9.75	5453.97	Alluvium	
BPS11-18C	2021-09-22	5463.72	9.82	5453.90	Alluvium	
BPS11-18C	2021-10-27	5463.72	9.97	5453.75	Alluvium	
BPS11-18C	2021-11-29	5463.72	10.09	5453.63	Alluvium	
BPS11-18C	2021-12-20	5463.72	10.17	5453.55	Alluvium	
BPS11-19A2	2021-01-28	5449.98	4.24	5445.74	Alluvium	
BPS11-19A2	2021-02-26	5449.98			Alluvium	Frozen
BPS11-19A2	2021-03-31	5449.98	4.09	5445.89	Alluvium	
BPS11-19A2	2021-04-19	5449.98	4.08	5445.90	Alluvium	
BPS11-19A2	2021-05-27	5449.98	3.87	5446.11	Alluvium	
BPS11-19A2	2021-06-29	5449.98	4.43	5445.55	Alluvium	
BPS11-19A2	2021-07-27	5449.98	4.40	5445.58	Alluvium	
BPS11-19A2	2021-08-26	5449.98	4.14	5445.84	Alluvium	
BPS11-19A2	2021-09-22	5449.98	4.29	5445.69	Alluvium	
BPS11-19A2	2021-10-27	5449.98	4.13	5445.85	Alluvium	
BPS11-19A2	2021-11-30	5449.98	4.25	5445.73	Alluvium	
BPS11-19A2	2021-12-20	5449.98	4.21	5445.77	Alluvium	
BPS11-19B	2021-01-28	5449.98	2.65	5447.33	Alluvium	
BPS11-19B	2021-02-26	5449.98			Alluvium	Frozen
BPS11-19B	2021-03-31	5449.98	2.53	5447.45	Alluvium	
BPS11-19B	2021-04-19	5449.98	2.51	5447.47	Alluvium	
BPS11-19B	2021-05-27	5449.98	2.38	5447.60	Alluvium	
BPS11-19B	2021-06-29	5449.98	2.89	5447.09	Alluvium	
BPS11-19B	2021-07-27	5449.98	2.92	5447.06	Alluvium	
BPS11-19B	2021-08-26	5449.98	2.70	5447.28	Alluvium	
BPS11-19B	2021-09-22	5449.98	2.83	5447.15	Alluvium	
BPS11-19B	2021-10-27	5449.98	2.70	5447.28	Alluvium	
BPS11-19B	2021-11-30	5449.98	2.75	5447.23	Alluvium	
BPS11-19B	2021-12-20	5449.98	2.75	5447.23	Alluvium	
BRW-00 OS	2021-01-27	5443.65	10.32	5433.33	BRW SW Ponds	
BRW-00 OS	2021-02-26	5443.65	10.36	5433.29	BRW SW Ponds	
BRW-00 OS	2021-03-30	5443.65	10.34	5433.31	BRW SW Ponds	
BRW-00 OS	2021-04-20	5443.65	10.29	5433.36	BRW SW Ponds	
BRW-00 OS	2021-05-27	5443.65	10.27	5433.38	BRW SW Ponds	
BRW-00 OS	2021-06-30	5443.65	10.29	5433.36	BRW SW Ponds	
BRW-00 OS	2021-07-27	5443.65	10.33	5433.32	BRW SW Ponds	
BRW-00 OS	2021-08-26	5443.65	10.24	5433.41	BRW SW Ponds	
BRW-00 OS	2021-09-22	5443.65	10.30	5433.35	BRW SW Ponds	
BRW-00 OS	2021-10-28	5443.65	10.32	5433.33	BRW SW Ponds	From new MP
BRW-00 OS	2021-11-30	5443.65	10.33	5433.32	BRW SW Ponds	
BRW-00 OS	2021-12-20	5443.65	10.34	5433.31	BRW SW Ponds	
BT-98-02	2021-01-28	5461.01	11.40	5449.61	Alluvium	
BT-98-02	2021-02-26	5461.01	11.53	5449.48	Alluvium	
BT-98-02	2021-03-31	5461.01	11.38	5449.63	Alluvium	
BT-98-02	2021-04-19	5461.01	11.41	5449.60	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
BT-98-02	2021-05-27	5461.01	11.29	5449.72	Alluvium	
BT-98-02	2021-06-29	5461.01	11.57	5449.44	Alluvium	
BT-98-02	2021-07-27	5461.01	11.61	5449.40	Alluvium	
BT-98-02	2021-08-26	5461.01	11.45	5449.56	Alluvium	
BT-98-02	2021-09-22	5461.01	11.57	5449.44	Alluvium	
BT-98-02	2021-10-27	5461.01	11.52	5449.49	Alluvium	
BT-98-02	2021-11-30	5461.01	11.58	5449.43	Alluvium	
BT-98-02	2021-12-20	5461.01	11.65	5449.36	Alluvium	
BT-98-02B	2021-01-28	5459.20	9.79	5449.41	Alluvium	
BT-98-02B	2021-02-26	5459.20	9.91	5449.29	Alluvium	
BT-98-02B	2021-03-31	5459.20	9.73	5449.47	Alluvium	
BT-98-02B	2021-04-19	5459.20	9.76	5449.44	Alluvium	
BT-98-02B	2021-05-27	5459.20	9.66	5449.54	Alluvium	
BT-98-02B	2021-06-29	5459.20	9.95	5449.25	Alluvium	
BT-98-02B	2021-07-27	5459.20	10.01	5449.19	Alluvium	
BT-98-02B	2021-08-26	5459.20	9.83	5449.37	Alluvium	
BT-98-02B	2021-09-22	5459.20	9.93	5449.27	Alluvium	
BT-98-02B	2021-10-27	5459.20	9.86	5449.34	Alluvium	
BT-98-02B	2021-11-30	5459.20	9.94	5449.26	Alluvium	
BT-98-02B	2021-12-20	5459.20	10.00	5449.20	Alluvium	
C1	2021-01-27	5400.00	26.39	5426.39	BTL SW Cell	
C1	2021-02-26	5400.00	26.47	5426.47	BTL SW Cell	
C1	2021-03-30	5400.00	26.49	5426.49	BTL SW Cell	
C1	2021-04-20	5400.00	26.45	5426.45	BTL SW Cell	
C1	2021-05-28	5400.00	26.46	5426.46	BTL SW Cell	
C1	2021-06-28	5400.00	26.41	5426.41	BTL SW Cell	
C1	2021-07-27	5400.00	26.41	5426.41	BTL SW Cell	
C1	2021-08-26	5400.00	26.48	5426.48	BTL SW Cell	
C1	2021-09-21	5400.00	26.41	5426.41	BTL SW Cell	
C1	2021-10-28	5400.00	26.41	5426.41	BTL SW Cell	
C1	2021-11-30	5400.00	26.45	5426.45	BTL SW Cell	
C1	2021-12-21	5400.00	26.37	5426.37	BTL SW Cell	
C3	2021-01-27	5400.00	26.33	5426.33	BTL SW Cell	
C3	2021-02-26	5400.00	26.35	5426.35	BTL SW Cell	
C3	2021-03-30	5400.00	26.34	5426.34	BTL SW Cell	
C3	2021-04-20	5400.00	26.30	5426.30	BTL SW Cell	
C3	2021-05-28	5400.00	26.34	5426.34	BTL SW Cell	
C3	2021-06-28	5400.00	26.34	5426.34	BTL SW Cell	
C3	2021-07-27	5400.00	26.36	5426.36	BTL SW Cell	
C3	2021-08-26	5400.00	26.28	5426.28	BTL SW Cell	
C3	2021-09-21	5400.00	26.34	5426.34	BTL SW Cell	
C3	2021-10-28	5400.00	26.40	5426.40	BTL SW Cell	
C3	2021-11-30	5400.00	26.43	5426.43	BTL SW Cell	
C3	2021-12-21	5400.00	26.40	5426.40	BTL SW Cell	
CT NE-2	2021-01-28	5436.50			Alluvium	Dry at 11.04 ft
CT NE-2	2021-02-25	5436.50			Alluvium	Dry at 10.96 ft.
CT NE-2	2021-03-30	5436.50			Alluvium	Dry at 10.92 ft
CT NE-2	2021-04-19	5436.50			Alluvium	Dry at 10.92 ft.
CT NE-2	2021-05-27	5436.50			Alluvium	Dry at 11.05 ft.
CT NE-2	2021-06-29	5436.50			Alluvium	Dry at 11.05 ft
CT NE-2	2021-07-26	5436.50			Alluvium	Dry at 11.05 ft.
CT NE-2	2021-08-26	5436.50			Alluvium	Dry at 11.05 ft.
CT NE-2	2021-09-21	5436.50			Alluvium	Dry at 11.05 ft.
CT NE-2	2021-10-27	5436.50			Alluvium	Dry at 11.05 ft
CT NE-2	2021-11-29	5436.50			Alluvium	Dry at 11.05 ft
CT NE-2	2021-12-20	5436.50			Alluvium	Dry
CT NW-3	2021-01-27	5429.82	9.59	5420.23	Alluvium	
CT NW-3	2021-02-26	5429.82	9.66	5420.16	Alluvium	
CT NW-3	2021-03-30	5429.82	9.49	5420.33	Alluvium	
CT NW-3	2021-04-20	5429.82	9.46	5420.36	Alluvium	
CT NW-3	2021-05-28	5429.82	9.46	5420.36	Alluvium	
CT NW-3	2021-06-29	5429.82	9.51	5420.31	Alluvium	
CT NW-3	2021-07-26	5429.82	9.56	5420.26	Alluvium	
CT NW-3	2021-08-27	5429.82	9.50	5420.32	Alluvium	
CT NW-3	2021-09-21	5429.82	9.53	5420.29	Alluvium	
CT NW-3	2021-10-28	5429.82	9.61	5420.21	Alluvium	
CT NW-3	2021-11-30	5429.82	9.64	5420.18	Alluvium	
CT NW-3	2021-12-20	5429.82	9.67	5420.15	Alluvium	
CT NW-4	2021-01-27	5426.35	6.39	5419.96	Alluvium	
CT NW-4	2021-02-26	5426.35	6.36	5419.99	Alluvium	
CT NW-4	2021-03-31	5426.35	6.33	5420.02	Alluvium	
CT NW-4	2021-04-20	5426.35	6.33	5420.02	Alluvium	
CT NW-4	2021-05-28	5426.35	6.33	5420.02	Alluvium	
CT NW-4	2021-06-30	5426.35	6.35	5420.00	Alluvium	
CT NW-4	2021-07-27	5426.35	6.37	5419.98	Alluvium	
CT NW-4	2021-08-26	5426.35	6.30	5420.05	Alluvium	
CT NW-4	2021-09-21	5426.35	6.30	5420.05	Alluvium	
CT NW-4	2021-10-27	5426.35	6.35	5420.00	Alluvium	
CT NW-4	2021-11-30	5426.35	6.41	5419.94	Alluvium	
CT NW-4	2021-12-20	5426.35	6.93	5419.42	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
CT S-2	2021-01-27	5440.11	13.00	5427.11	Alluvium	
CT S-2	2021-02-25	5440.11	13.01	5427.10	Alluvium	
CT S-2	2021-03-30	5440.11	12.46	5427.65	Alluvium	
CT S-2	2021-04-19	5440.11	12.52	5427.59	Alluvium	
CT S-2	2021-05-27	5440.11	12.48	5427.63	Alluvium	
CT S-2	2021-06-29	5440.11	12.70	5427.41	Alluvium	
CT S-2	2021-07-26	5440.11	12.93	5427.18	Alluvium	
CT S-2	2021-08-26	5440.11	12.83	5427.28	Alluvium	
CT S-2	2021-09-21	5440.11	12.93	5427.18	Alluvium	
CT S-2	2021-10-27	5440.11	13.00	5427.11	Alluvium	
CT S-2	2021-11-29	5440.11	12.97	5427.14	Alluvium	
CT S-2	2021-12-20	5440.11	13.04	5427.07	Alluvium	
CT S-5	2021-01-27	5441.44	13.66	5427.78	Weathered Bedrock	
CT S-5	2021-02-25	5441.44	13.69	5427.75	Weathered Bedrock	
CT S-5	2021-03-30	5441.44	13.33	5428.11	Weathered Bedrock	
CT S-5	2021-04-19	5441.44	13.29	5428.15	Weathered Bedrock	
CT S-5	2021-05-27	5441.44	13.38	5428.06	Weathered Bedrock	
CT S-5	2021-06-29	5441.44	13.66	5427.78	Weathered Bedrock	
CT S-5	2021-07-26	5441.44	13.91	5427.53	Weathered Bedrock	
CT S-5	2021-08-26	5441.44	13.86	5427.58	Weathered Bedrock	
CT S-5	2021-09-21	5441.44	14.02	5427.42	Weathered Bedrock	
CT S-5	2021-10-27	5441.44	13.95	5427.49	Weathered Bedrock	
CT S-5	2021-11-29	5441.44	14.03	5427.41	Weathered Bedrock	
CT S-5	2021-12-20	5441.44	14.07	5427.37	Weathered Bedrock	
CT SW-4	2021-01-27	5424.02	4.78	5419.24	Alluvium	
CT SW-4	2021-02-26	5424.02	4.71	5419.31	Alluvium	
CT SW-4	2021-03-30	5424.02	4.42	5419.60	Alluvium	
CT SW-4	2021-04-20	5424.02	4.40	5419.62	Alluvium	
CT SW-4	2021-05-28	5424.02	4.36	5419.66	Alluvium	
CT SW-4	2021-06-30	5424.02	4.80	5419.22	Alluvium	
CT SW-4	2021-07-27	5424.02	4.93	5419.09	Alluvium	
CT SW-4	2021-08-27	5424.02	4.77	5419.25	Alluvium	
CT SW-4	2021-09-22	5424.02	4.85	5419.17	Alluvium	
CT SW-4	2021-10-28	5424.02	4.79	5419.23	Alluvium	
CT SW-4	2021-11-30	5424.02	4.81	5419.21	Alluvium	PVC casing was trimmed 0.35 ft on 11/5/21 and not yet re-surveyed. Actual dtw was 4.46 ft. DTW was adjusted by trimmed length (4.46+0.35).
CT SW-4	2021-12-20	5424.02	4.81	5419.21	Alluvium	PVC casing was trimmed 0.35 ft. on 11/5/21 and not yet re-surveyed. Actual DTW was 4.46 ft. DTW was adjusted by trimmed length (4.46+0.35).
CT-84-01	2021-01-27	5444.77	15.54	5429.23	Alluvium	
CT-84-01	2021-02-26	5444.77	15.57	5429.20	Alluvium	
CT-84-01	2021-03-31	5444.77	15.54	5429.23	Alluvium	
CT-84-01	2021-04-20	5444.77	15.48	5429.29	Alluvium	
CT-84-01	2021-05-27	5444.77	15.48	5429.29	Alluvium	
CT-84-01	2021-06-30	5444.77	15.46	5429.31	Alluvium	
CT-84-01	2021-07-27	5444.77	15.47	5429.30	Alluvium	
CT-84-01	2021-08-26	5444.77	15.49	5429.28	Alluvium	
CT-84-01	2021-09-21	5444.77	15.45	5429.32	Alluvium	
CT-84-01	2021-10-28	5444.77	15.49	5429.28	Alluvium	
CT-84-01	2021-11-30	5444.77	15.49	5429.28	Alluvium	
CT-84-01	2021-12-20	5444.77	15.51	5429.26	Alluvium	
CT-94-1	2021-01-27	5432.05	3.89	5428.16	Alluvium	
CT-94-1	2021-02-26	5432.05	3.79	5428.26	Alluvium	
CT-94-1	2021-03-30	5432.05			Alluvium	Frozen at 3.31 ft
CT-94-1	2021-04-20	5432.05	3.46	5428.59	Alluvium	
CT-94-1	2021-05-28	5432.05	3.40	5428.65	Alluvium	
CT-94-1	2021-06-30	5432.05	3.53	5428.52	Alluvium	
CT-94-1	2021-07-27	5432.05	3.63	5428.42	Alluvium	
CT-94-1	2021-08-27	5432.05	3.43	5428.62	Alluvium	
CT-94-1	2021-09-22	5432.05	3.57	5428.48	Alluvium	
CT-94-1	2021-10-28	5432.05	3.71	5428.34	Alluvium	
CT-94-1	2021-11-30	5432.05	3.78	5428.27	Alluvium	
CT-94-1	2021-12-20	5432.05	3.84	5428.21	Alluvium	
D2	2021-01-27	5400.00	22.29	5422.29	BTL SW Cell	
D2	2021-02-26	5400.00	22.27	5422.27	BTL SW Cell	
D2	2021-03-30	5400.00	22.29	5422.29	BTL SW Cell	
D2	2021-04-20	5400.00	22.29	5422.29	BTL SW Cell	
D2	2021-05-28	5400.00	22.27	5422.27	BTL SW Cell	
D2	2021-06-28	5400.00	22.28	5422.28	BTL SW Cell	
D2	2021-07-27	5400.00	22.29	5422.29	BTL SW Cell	
D2	2021-08-26	5400.00	22.27	5422.27	BTL SW Cell	
D2	2021-09-21	5400.00	22.36	5422.36	BTL SW Cell	
D2	2021-10-28	5400.00	22.34	5422.34	BTL SW Cell	
D2	2021-11-30	5400.00	22.38	5422.38	BTL SW Cell	
D2	2021-12-21	5400.00	22.37	5422.37	BTL SW Cell	
D3	2021-01-27	5400.00	21.06	5421.06	BTL SW Cell	
D3	2021-02-26	5400.00	21.06	5421.06	BTL SW Cell	
D3	2021-03-30	5400.00	21.08	5421.08	BTL SW Cell	
D3	2021-04-20	5400.00	21.09	5421.09	BTL SW Cell	
D3	2021-05-28	5400.00	20.02	5420.02	BTL SW Cell	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
D3	2021-06-28	5400.00	20.02	5420.02	BTL SW Cell	
D3	2021-07-27	5400.00	21.11	5421.11	BTL SW Cell	
D3	2021-08-26	5400.00	21.11	5421.11	BTL SW Cell	
D3	2021-09-21	5400.00	21.11	5421.11	BTL SW Cell	
D3	2021-10-28	5400.00	21.10	5421.10	BTL SW Cell	
D3	2021-11-30	5400.00	21.09	5421.09	BTL SW Cell	
D3	2021-12-21	5400.00	21.09	5421.09	BTL SW Cell	
D4	2021-01-27	5400.00	18.06	5418.06	BTL SW Cell	
D4	2021-02-26	5400.00	18.05	5418.05	BTL SW Cell	
D4	2021-03-30	5400.00	18.04	5418.04	BTL SW Cell	
D4	2021-04-20	5400.00	18.12	5418.12	BTL SW Cell	
D4	2021-05-28	5400.00	18.45	5418.45	BTL SW Cell	
D4	2021-06-28	5400.00	18.21	5418.21	BTL SW Cell	
D4	2021-07-27	5400.00	18.27	5418.27	BTL SW Cell	
D4	2021-08-26	5400.00	18.27	5418.27	BTL SW Cell	
D4	2021-09-21	5400.00	18.30	5418.30	BTL SW Cell	
D4	2021-10-28	5400.00	18.30	5418.30	BTL SW Cell	
D4	2021-11-30	5400.00	18.25	5418.25	BTL SW Cell	
D4	2021-12-21	5400.00	18.21	5418.21	BTL SW Cell	
FP98-1	2021-01-27	5442.51	6.54	5435.97	Alluvium	
FP98-1	2021-02-25	5442.51	6.51	5436.00	Alluvium	
FP98-1	2021-03-30	5442.51	6.12	5436.39	Alluvium	
FP98-1	2021-04-19	5442.51	6.14	5436.37	Alluvium	
FP98-1	2021-05-27	5442.51	6.04	5436.47	Alluvium	
FP98-1	2021-06-29	5442.51	6.62	5435.89	Alluvium	
FP98-1	2021-07-26	5442.51	6.65	5435.86	Alluvium	
FP98-1	2021-08-26	5442.51	6.46	5436.05	Alluvium	
FP98-1	2021-09-21	5442.51	6.54	5435.97	Alluvium	
FP98-1	2021-10-27	5442.51	6.45	5436.06	Alluvium	
FP98-1	2021-11-29	5442.51	6.42	5436.09	Alluvium	
FP98-1	2021-12-20	5442.51	6.48	5436.03	Alluvium	
FP98-1B	2021-01-27	5461.32	23.98	5437.34	Alluvium	
FP98-1B	2021-02-25	5461.32	23.96	5437.36	Alluvium	
FP98-1B	2021-03-30	5461.32	23.66	5437.66	Alluvium	
FP98-1B	2021-04-19	5461.32	23.72	5437.60	Alluvium	
FP98-1B	2021-05-27	5461.32	23.66	5437.66	Alluvium	
FP98-1B	2021-06-29	5461.32	23.95	5437.37	Alluvium	
FP98-1B	2021-07-26	5461.32	24.06	5437.26	Alluvium	
FP98-1B	2021-08-26	5461.32	23.84	5437.48	Alluvium	Value obtained from PTS
FP98-1B	2021-09-21	5461.32	23.98	5437.34	Alluvium	
FP98-1B	2021-10-27	5461.32	23.97	5437.35	Alluvium	
FP98-1B	2021-11-29	5461.32	24.00	5437.32	Alluvium	
FP98-1B	2021-12-20	5461.32	24.01	5437.31	Alluvium	
FP98-2	2021-01-27	5441.48	6.10	5435.38	Alluvium	
FP98-2	2021-02-26	5441.48	6.08	5435.40	Alluvium	
FP98-2	2021-04-20	5441.48	5.86	5435.62	Alluvium	
FP98-2	2021-05-27	5441.48	5.80	5435.68	Alluvium	
FP98-2	2021-06-30	5441.48	6.05	5435.43	Alluvium	
FP98-2	2021-07-27	5441.48	6.09	5435.39	Alluvium	
FP98-2	2021-08-27	5441.48	5.84	5435.64	Alluvium	
FP98-2	2021-09-22	5441.48	5.94	5435.54	Alluvium	
FP98-2	2021-10-28	5441.48	5.98	5435.50	Alluvium	
FP98-2	2021-11-30	5441.48	6.05	5435.43	Alluvium	
FP98-2	2021-12-20	5441.48	6.08	5435.40	Alluvium	
FP98-3	2021-01-27	5445.89			Alluvium	Dry at 6.88 ft
FP98-3	2021-02-25	5445.89			Alluvium	Dry at 6.89 ft.
FP98-3	2021-03-30	5445.89			Alluvium	Dry at 6.90 ft
FP98-3	2021-04-19	5445.89			Alluvium	Dry at 6.90 ft.
FP98-3	2021-05-27	5445.89			Alluvium	Dry at 6.88 ft.
FP98-3	2021-06-29	5445.89			Alluvium	Dry at 6.88 ft
FP98-3	2021-07-26	5445.89			Alluvium	Dry at 6.89 ft.
FP98-3	2021-08-26	5445.89			Alluvium	Dry at 6.89 ft.
FP98-3	2021-09-21	5445.89			Alluvium	Dry at 6.89 ft.
FP98-3	2021-10-27	5445.89			Alluvium	Dry at 6.89 ft
FP98-3	2021-11-29	5445.89			Alluvium	Dry at 6.90 ft
FP98-3	2021-12-20	5445.89			Alluvium	Dry at 6.90 ft.
FP98-4	2021-01-27	5441.50			Alluvium	Dry or frozen at 7.47 ft
FP98-4	2021-02-25	5441.50			Alluvium	Dry or frozen at 7.34 ft.
FP98-4	2021-03-30	5441.50			Alluvium	Dry at 7.18 ft
FP98-4	2021-04-19	5441.50	7.36	5434.14	Alluvium	
FP98-4	2021-05-27	5441.50	7.27	5434.23	Alluvium	
FP98-4	2021-06-29	5441.50	7.74	5433.76	Alluvium	
FP98-4	2021-07-26	5441.50	7.94	5433.56	Alluvium	
FP98-4	2021-08-26	5441.50	7.69	5433.81	Alluvium	
FP98-4	2021-09-21	5441.50	7.81	5433.69	Alluvium	
FP98-4	2021-10-27	5441.50	7.81	5433.69	Alluvium	
FP98-4	2021-11-29	5441.50	7.61	5433.89	Alluvium	PVC casing was trimmed 3.34 ft on 11/5/21 and not yet re-surveyed. Actual dtw was 4.27 ft. DTW was adjusted by trimmed length (4.27+3.34).

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
FP98-4	2021-12-20	5441.50	7.67	5433.83	Alluvium	PVC casing was trimmed 3.34 ft. on 11/5/21 and not yet re-surveyed. Actual DTW was 4.33 ft. DTW was adjusted by trimmed length (4.33+3.34).
FP98-5	2021-01-27	5439.44	5.84	5433.60	Alluvium	
FP98-5	2021-02-26	5439.44	5.81	5433.63	Alluvium	
FP98-5	2021-04-20	5439.44	5.61	5433.83	Alluvium	
FP98-5	2021-05-27	5439.44	5.52	5433.92	Alluvium	
FP98-5	2021-06-30	5439.44	5.81	5433.63	Alluvium	
FP98-5	2021-07-27	5439.44	5.57	5433.87	Alluvium	
FP98-5	2021-08-27	5439.44	5.66	5433.78	Alluvium	
FP98-5	2021-09-22	5439.44	5.72	5433.72	Alluvium	
FP98-5	2021-10-28	5439.44	5.72	5433.72	Alluvium	
FP98-5	2021-11-30	5439.44	5.78	5433.66	Alluvium	
FP98-5	2021-12-20	5439.44	5.86	5433.58	Alluvium	
FP98-6	2021-01-27	5429.83	5.95	5423.88	Alluvium	
FP98-6	2021-02-26	5429.83	5.86	5423.97	Alluvium	
FP98-6	2021-03-30	5429.83	5.74	5424.09	Alluvium	
FP98-6	2021-04-20	5429.83	5.69	5424.14	Alluvium	
FP98-6	2021-05-28	5429.83	5.64	5424.19	Alluvium	
FP98-6	2021-06-30	5429.83	5.89	5423.94	Alluvium	
FP98-6	2021-07-27	5429.83	6.00	5423.83	Alluvium	
FP98-6	2021-08-27	5429.83	5.93	5423.90	Alluvium	
FP98-6	2021-09-22	5429.83	5.96	5423.87	Alluvium	
FP98-6	2021-10-28	5429.83	5.98	5423.85	Alluvium	
FP98-6	2021-11-30	5429.83	5.96	5423.87	Alluvium	
FP98-6	2021-12-20	5429.83	6.03	5423.80	Alluvium	
FP98-7	2021-01-27	5432.13	7.03	5425.10	Alluvium	
FP98-7	2021-02-25	5432.13	7.01	5425.12	Alluvium	
FP98-7	2021-03-30	5432.13	6.68	5425.45	Alluvium	
FP98-7	2021-04-19	5432.13	6.63	5425.50	Alluvium	
FP98-7	2021-05-27	5432.13	6.52	5425.61	Alluvium	
FP98-7	2021-06-29	5432.13	6.94	5425.19	Alluvium	
FP98-7	2021-07-26	5432.13	7.17	5424.96	Alluvium	
FP98-7	2021-08-26	5432.13	7.10	5425.03	Alluvium	
FP98-7	2021-09-21	5432.13	7.19	5424.94	Alluvium	
FP98-7	2021-10-27	5432.13	7.17	5424.96	Alluvium	
FP98-7	2021-11-29	5432.13	7.16	5424.97	Alluvium	
FP98-7	2021-12-20	5432.13	7.23	5424.90	Alluvium	
FP98-8	2021-01-27	5430.77			Alluvium	Dry at 6.45 ft
FP98-8	2021-02-25	5430.77			Alluvium	Dry at 6.43 ft.
FP98-8	2021-03-30	5430.77			Alluvium	Dry at 6.42 ft
FP98-8	2021-04-19	5430.77			Alluvium	Dry at 6.45 ft.
FP98-8	2021-05-27	5430.77	6.45	5424.32	Alluvium	Small bit of moisture at bottom.
FP98-8	2021-06-29	5430.77			Alluvium	Dry at 6.46 ft
FP98-8	2021-07-26	5430.77			Alluvium	Dry at 6.42 ft.
FP98-8	2021-08-26	5430.77			Alluvium	Dry at 6.45 ft.
FP98-8	2021-09-21	5430.77			Alluvium	Dry at 6.45 ft.
FP98-8	2021-10-27	5430.77			Alluvium	Dry at 6.45 ft
FP98-8	2021-11-29	5430.77			Alluvium	Dry at 6.45 ft
FP98-8	2021-12-20	5430.77			Alluvium	Dry at 6.45 ft.
FP98-9	2021-01-27	5426.98	5.48	5421.50	Alluvium	
FP98-9	2021-02-26	5426.98	5.40	5421.58	Alluvium	
FP98-9	2021-03-31	5426.98	5.23	5421.75	Alluvium	
FP98-9	2021-04-20	5426.98	5.10	5421.88	Alluvium	
FP98-9	2021-05-28	5426.98	5.06	5421.92	Alluvium	
FP98-9	2021-06-30	5426.98	5.37	5421.61	Alluvium	
FP98-9	2021-07-27	5426.98	5.43	5421.55	Alluvium	
FP98-9	2021-08-27	5426.98	5.37	5421.61	Alluvium	
FP98-9	2021-09-22	5426.98	5.45	5421.53	Alluvium	
FP98-9	2021-10-28	5426.98	5.45	5421.53	Alluvium	
FP98-9	2021-11-30	5426.98	5.42	5421.56	Alluvium	
FP98-9	2021-12-20	5426.98	5.47	5421.51	Alluvium	
GS-08	2021-01-28	5461.56	11.00	5450.56	Alluvium	
GS-08	2021-02-25	5461.56	11.23	5450.33	Alluvium	
GS-08	2021-03-31	5461.56	11.11	5450.45	Alluvium	
GS-08	2021-04-19	5461.56	11.11	5450.45	Alluvium	
GS-08	2021-05-27	5461.56	10.97	5450.59	Alluvium	
GS-08	2021-06-29	5461.56	11.35	5450.21	Alluvium	
GS-08	2021-07-27	5461.56	11.42	5450.14	Alluvium	
GS-08	2021-08-26	5461.56	11.25	5450.31	Alluvium	
GS-08	2021-09-22	5461.56	11.35	5450.21	Alluvium	
GS-08	2021-10-27	5461.56	11.32	5450.24	Alluvium	
GS-08	2021-11-30	5461.56	11.42	5450.14	Alluvium	PVC casing was trimmed 0.26 ft on 11/5/21 and not yet re-surveyed. Actual dtw was 11.16 ft. DTW was adjusted by trimmed length (11.16+0.26).
GS-08	2021-12-20	5461.56	11.23	5450.33	Alluvium	PVC casing was trimmed 0.26 ft. on 11/5/21 and not yet re-surveyed. Actual DTW was 11.23 ft. DTW was adjusted by trimmed length (11.23+0.26).
GS-08R	2021-01-28	5463.56	13.13	5450.43	Alluvium	
GS-08R	2021-02-25	5463.56	13.30	5450.26	Alluvium	
GS-08R	2021-03-31	5463.56	13.21	5450.35	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
GS-08R	2021-04-19	5463.56	13.20	5450.36	Alluvium	
GS-08R	2021-05-27	5463.56	13.10	5450.46	Alluvium	
GS-08R	2021-06-29	5463.56	13.46	5450.10	Alluvium	
GS-08R	2021-07-27	5463.56	13.53	5450.03	Alluvium	
GS-08R	2021-08-26	5463.56	13.35	5450.21	Alluvium	
GS-08R	2021-09-22	5463.56	13.45	5450.11	Alluvium	
GS-08R	2021-10-27	5463.56	13.41	5450.15	Alluvium	
GS-08R	2021-11-30	5463.56	13.46	5450.10	Alluvium	
GS-08R	2021-12-20	5463.56	13.50	5450.06	Alluvium	
GS-09	2021-01-28	5461.92	11.58	5450.34	Alluvium	
GS-09	2021-02-25	5461.92	11.42	5450.50	Alluvium	
GS-09	2021-03-31	5461.92	11.26	5450.66	Alluvium	
GS-09	2021-04-19	5461.92	11.27	5450.65	Alluvium	
GS-09	2021-05-27	5461.92	11.11	5450.81	Alluvium	
GS-09	2021-06-29	5461.92	11.42	5450.50	Alluvium	
GS-09	2021-07-27	5461.92	11.47	5450.45	Alluvium	
GS-09	2021-08-26	5461.92	11.35	5450.57	Alluvium	
GS-09	2021-09-22	5461.92	11.52	5450.40	Alluvium	
GS-09	2021-10-27	5461.92	11.45	5450.47	Alluvium	
GS-09	2021-11-30	5461.92	11.53	5450.39	Alluvium	
GS-09	2021-12-20	5461.92	11.60	5450.32	Alluvium	
GS-09R	2021-01-28	5463.46	13.19	5450.27	Alluvium	
GS-09R	2021-02-25	5463.46	13.35	5450.11	Alluvium	
GS-09R	2021-03-31	5463.46	13.19	5450.27	Alluvium	
GS-09R	2021-04-19	5463.46	13.21	5450.25	Alluvium	
GS-09R	2021-05-27	5463.46	13.03	5450.43	Alluvium	
GS-09R	2021-06-29	5463.46	13.36	5450.10	Alluvium	
GS-09R	2021-07-27	5463.46	13.41	5450.05	Alluvium	
GS-09R	2021-08-26	5463.46	13.25	5450.21	Alluvium	
GS-09R	2021-09-22	5463.46	13.33	5450.13	Alluvium	
GS-09R	2021-10-27	5463.46	13.37	5450.09	Alluvium	
GS-09R	2021-11-30	5463.46	13.45	5450.01	Alluvium	
GS-09R	2021-12-20	5463.46	13.50	5449.96	Alluvium	
GS-10D	2021-03-31	5481.16			Alluvium	Obstructed
GS-11	2021-01-28	5461.63	11.16	5450.47	Alluvium	
GS-11	2021-02-25	5461.63	11.75	5449.88	Alluvium	
GS-11	2021-03-31	5461.63	11.26	5450.37	Alluvium	
GS-11	2021-04-19	5461.63	11.29	5450.34	Alluvium	
GS-11	2021-05-27	5461.63	11.42	5450.21	Alluvium	
GS-11	2021-06-29	5461.63	11.50	5450.13	Alluvium	
GS-11	2021-07-27	5461.63	11.61	5450.02	Alluvium	
GS-11	2021-08-26	5461.63	11.35	5450.28	Alluvium	
GS-11	2021-09-22	5461.63	11.41	5450.22	Alluvium	
GS-11	2021-10-27	5461.63	11.72	5449.91	Alluvium	
GS-11	2021-11-30	5461.63	11.87	5449.76	Alluvium	
GS-11	2021-12-20	5461.63	11.97	5449.66	Alluvium	
GS-11R	2021-01-28	5463.39	13.25	5450.14	Alluvium	
GS-11R	2021-02-25	5463.39	13.46	5449.93	Alluvium	
GS-11R	2021-03-31	5463.39	12.95	5450.44	Alluvium	
GS-11R	2021-04-19	5463.39	12.99	5450.40	Alluvium	Observed DTW is suspect, continuous recorder indicates level to be 12.91 ft.
GS-11R	2021-05-27	5463.39	13.11	5450.28	Alluvium	
GS-11R	2021-06-29	5463.39	13.20	5450.19	Alluvium	
GS-11R	2021-07-27	5463.39	13.31	5450.08	Alluvium	
GS-11R	2021-08-26	5463.39	13.15	5450.24	Alluvium	
GS-11R	2021-09-22	5463.39	13.21	5450.18	Alluvium	
GS-11R	2021-10-27	5463.39	13.44	5449.95	Alluvium	
GS-11R	2021-11-30	5463.39	13.61	5449.78	Alluvium	
GS-11R	2021-12-20	5463.39	13.71	5449.68	Alluvium	
GS-12	2021-01-27	5445.42	9.30	5436.12	Alluvium	
GS-12	2021-02-26	5445.42			Alluvium	Frozen cap
GS-12	2021-03-30	5445.42			Alluvium	Obstructed at 8.9 ft
GS-12	2021-04-20	5445.42	9.18	5436.24	Alluvium	
GS-12	2021-05-27	5445.42	9.03	5436.39	Alluvium	
GS-12	2021-06-30	5445.42	9.57	5435.85	Alluvium	
GS-12	2021-07-27	5445.42	9.98	5435.44	Alluvium	
GS-12	2021-08-26	5445.42	9.53	5435.89	Alluvium	
GS-12	2021-09-21	5445.42	9.78	5435.64	Alluvium	
GS-12	2021-10-28	5445.42	10.54	5434.88	Alluvium	
GS-12	2021-11-30	5445.42			Alluvium	Dry
GS-12	2021-12-20	5445.42			Alluvium	Unable to locate due to snowy conditions.
GS-13A	2021-01-27	5443.81	7.03	5436.78	Alluvium	
GS-13A	2021-02-26	5443.81	7.26	5436.55	Alluvium	
GS-13A	2021-03-30	5443.81	6.77	5437.04	Alluvium	
GS-13A	2021-04-20	5443.81	6.93	5436.88	Alluvium	Observed DTW is suspect, continuous recorder indicates level to be 6.80 ft.
GS-13A	2021-05-27	5443.81	6.84	5436.97	Alluvium	
GS-13A	2021-06-30	5443.81	7.01	5436.80	Alluvium	
GS-13A	2021-07-27	5443.81	7.03	5436.78	Alluvium	
GS-13A	2021-08-27	5443.81	6.88	5436.93	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
GS-13A	2021-09-22	5443.81	6.99	5436.82	Alluvium	
GS-13A	2021-10-28	5443.81	7.08	5436.73	Alluvium	
GS-13A	2021-11-30	5443.81	7.14	5436.67	Alluvium	
GS-13A	2021-12-20	5443.81	7.09	5436.72	Alluvium	
GS-13B	2021-01-27	5441.89	4.88	5437.01	Alluvium	
GS-13B	2021-02-26	5441.89	4.89	5437.00	Alluvium	
GS-13B	2021-03-30	5441.89	4.60	5437.29	Alluvium	
GS-13B	2021-04-20	5441.89	4.64	5437.25	Alluvium	
GS-13B	2021-05-27	5441.89	4.60	5437.29	Alluvium	
GS-13B	2021-06-30	5441.89	4.78	5437.11	Alluvium	
GS-13B	2021-07-27	5441.89	4.84	5437.05	Alluvium	
GS-13B	2021-08-27	5441.89	4.63	5437.26	Alluvium	
GS-13B	2021-09-22	5441.89	4.73	5437.16	Alluvium	
GS-13B	2021-10-28	5441.89	4.79	5437.10	Alluvium	
GS-13B	2021-11-30	5441.89	4.85	5437.04	Alluvium	
GS-13B	2021-12-20	5441.89	4.86	5437.03	Alluvium	
GS-17DR	2021-01-27	5444.18	12.10	5432.08	Alluvium	
GS-17DR	2021-02-26	5444.18	12.06	5432.12	Alluvium	
GS-17DR	2021-04-20	5444.18	11.80	5432.38	Alluvium	
GS-17DR	2021-05-27	5444.18	11.69	5432.49	Alluvium	
GS-17DR	2021-06-30	5444.18	11.99	5432.19	Alluvium	
GS-17DR	2021-07-27	5444.18	12.08	5432.10	Alluvium	
GS-17DR	2021-08-27	5444.18	11.85	5432.33	Alluvium	
GS-17DR	2021-09-22	5444.18	11.92	5432.26	Alluvium	
GS-17DR	2021-10-28	5444.18	11.88	5432.30	Alluvium	
GS-17DR	2021-11-30	5444.18	12.03	5432.15	Alluvium	
GS-17DR	2021-12-20	5444.18	12.09	5432.09	Alluvium	
GS-18R	2021-01-27	5436.78	6.84	5429.94	Alluvium	
GS-18R	2021-02-26	5436.78	6.81	5429.97	Alluvium	
GS-18R	2021-03-30	5436.78	6.34	5430.44	Alluvium	
GS-18R	2021-04-19	5436.78	6.52	5430.26	Alluvium	
GS-18R	2021-05-27	5436.78	6.36	5430.42	Alluvium	
GS-18R	2021-06-29	5436.78	6.67	5430.11	Alluvium	
GS-18R	2021-07-26	5436.78	6.77	5430.01	Alluvium	
GS-18R	2021-08-26	5436.78	6.58	5430.20	Alluvium	
GS-18R	2021-09-21	5436.78	6.68	5430.10	Alluvium	
GS-18R	2021-10-27	5436.78	6.62	5430.16	Alluvium	
GS-18R	2021-11-29	5436.78	6.71	5430.07	Alluvium	
GS-18R	2021-12-20	5436.78	6.78	5430.00	Alluvium	
GS-19	2021-01-27	5445.98	10.15	5435.83	Alluvium	
GS-19	2021-02-26	5445.98			Alluvium	Frozen
GS-19	2021-03-31	5445.98	9.95	5436.03	Alluvium	
GS-19	2021-04-20	5445.98	9.93	5436.05	Alluvium	
GS-19	2021-06-02	5445.98	9.83	5436.15	Alluvium	
GS-19	2021-06-30	5445.98	10.05	5435.93	Alluvium	
GS-19	2021-07-27	5445.98	10.14	5435.84	Alluvium	
GS-19	2021-08-26	5445.98	9.93	5436.05	Alluvium	
GS-19	2021-09-21	5445.98	9.95	5436.03	Alluvium	
GS-19	2021-10-28	5445.98	9.98	5436.00	Alluvium	
GS-19	2021-11-30	5445.98	10.04	5435.94	Alluvium	
GS-19	2021-12-20	5445.98	10.11	5435.87	Alluvium	
GS-20	2021-01-27	5454.88	15.16	5439.72	Alluvium	
GS-20	2021-02-26	5454.88	15.89	5438.99	Alluvium	
GS-20	2021-03-30	5454.88	11.79	5443.09	Alluvium	
GS-20	2021-04-20	5454.88	12.85	5442.03	Alluvium	
GS-20	2021-05-27	5454.88	14.51	5440.37	Alluvium	
GS-20	2021-06-30	5454.88	13.69	5441.19	Alluvium	
GS-20	2021-07-27	5454.88	13.35	5441.53	Alluvium	
GS-20	2021-08-26	5454.88	8.60	5446.28	Alluvium	
GS-20	2021-09-21	5454.88	11.04	5443.84	Alluvium	
GS-20	2021-10-28	5454.88	12.97	5441.91	Alluvium	
GS-20	2021-11-30	5454.88	13.75	5441.13	Alluvium	
GS-20	2021-12-20	5454.88	13.70	5441.18	Alluvium	
GS-22	2021-01-27	5440.17	9.16	5431.01	Alluvium	
GS-22	2021-02-25	5440.17	9.12	5431.05	Alluvium	
GS-22	2021-03-30	5440.17	8.42	5431.75	Alluvium	
GS-22	2021-04-19	5440.17	8.55	5431.62	Alluvium	
GS-22	2021-05-27	5440.17	8.57	5431.60	Alluvium	
GS-22	2021-06-29	5440.17	8.73	5431.44	Alluvium	
GS-22	2021-07-26	5440.17	8.88	5431.29	Alluvium	
GS-22	2021-08-26	5440.17	8.70	5431.47	Alluvium	
GS-22	2021-09-21	5440.17	8.87	5431.30	Alluvium	
GS-22	2021-10-27	5440.17	9.06	5431.11	Alluvium	
GS-22	2021-11-29	5440.17	9.14	5431.03	Alluvium	
GS-22	2021-12-20	5440.17	9.22	5430.95	Alluvium	
GS-23	2021-01-27	5441.36	15.17	5426.19	Alluvium	
GS-23	2021-02-25	5441.36	15.16	5426.20	Alluvium	
GS-23	2021-03-30	5441.36	14.73	5426.63	Alluvium	
GS-23	2021-04-19	5441.36	14.70	5426.66	Alluvium	
GS-23	2021-05-27	5441.36	14.61	5426.75	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
GS-23	2021-06-29	5441.36	15.02	5426.34	Alluvium	
GS-23	2021-07-26	5441.36	15.30	5426.06	Alluvium	
GS-23	2021-08-26	5441.36	15.28	5426.08	Alluvium	
GS-23	2021-09-21	5441.36	15.34	5426.02	Alluvium	
GS-23	2021-10-27	5441.36	15.31	5426.05	Alluvium	
GS-23	2021-11-29	5441.36	15.35	5426.01	Alluvium	
GS-23	2021-12-20	5441.36	15.41	5425.95	Alluvium	
GS-25	2021-01-27	5432.05	5.19	5426.86	Alluvium	
GS-25	2021-02-26	5432.05	5.20	5426.85	Alluvium	
GS-25	2021-03-31	5432.05	5.10	5426.95	Alluvium	
GS-25	2021-04-20	5432.05	5.11	5426.94	Alluvium	
GS-25	2021-05-27	5432.05	5.00	5427.05	Alluvium	
GS-25	2021-06-30	5432.05	5.08	5426.97	Alluvium	
GS-25	2021-07-26	5432.05	5.02	5427.03	Alluvium	
GS-25	2021-08-26	5432.05	4.94	5427.11	Alluvium	
GS-25	2021-09-21	5432.05	5.00	5427.05	Alluvium	
GS-25	2021-10-28	5432.05	5.01	5427.04	Alluvium	
GS-25	2021-11-30	5432.05	5.15	5426.90	Alluvium	
GS-25	2021-12-20	5432.05	5.18	5426.87	Alluvium	
GS-25C	2021-01-27	5433.75	6.29	5427.46	Bedrock	
GS-25C	2021-02-26	5433.75	6.34	5427.41	Bedrock	
GS-25C	2021-03-31	5433.75	5.98	5427.77	Bedrock	
GS-25C	2021-04-20	5433.75	6.20	5427.55	Bedrock	
GS-25C	2021-05-27	5433.75	6.04	5427.71	Bedrock	
GS-25C	2021-06-30	5433.75	6.18	5427.57	Bedrock	
GS-25C	2021-07-26	5433.75	6.10	5427.65	Bedrock	
GS-25C	2021-08-26	5433.75	6.02	5427.73	Bedrock	
GS-25C	2021-09-21	5433.75	6.18	5427.57	Bedrock	
GS-25C	2021-10-28	5433.75	6.14	5427.61	Bedrock	
GS-25C	2021-11-30	5433.75	6.35	5427.40	Bedrock	
GS-25C	2021-12-20	5433.75	6.34	5427.41	Bedrock	
GS-25D	2021-01-27	5432.95	5.58	5427.37	Bedrock	
GS-25D	2021-02-26	5432.95	5.49	5427.46	Bedrock	
GS-25D	2021-03-31	5432.95	5.44	5427.51	Bedrock	
GS-25D	2021-04-20	5432.95	5.44	5427.51	Bedrock	
GS-25D	2021-05-27	5432.95	5.34	5427.61	Bedrock	
GS-25D	2021-06-30	5432.95	5.43	5427.52	Bedrock	
GS-25D	2021-07-26	5432.95	5.39	5427.56	Bedrock	
GS-25D	2021-08-26	5432.95	5.29	5427.66	Bedrock	
GS-25D	2021-09-21	5432.95	5.42	5427.53	Bedrock	
GS-25D	2021-10-28	5432.95	5.31	5427.64	Bedrock	
GS-25D	2021-11-30	5432.95	5.55	5427.40	Bedrock	
GS-25D	2021-12-20	5432.95	5.62	5427.33	Bedrock	
GS-26	2021-01-27	5422.79			Alluvium	Frozen at 3.09 ft
GS-26	2021-02-26	5422.79			Alluvium	Frozen at 3.09 ft.
GS-26	2021-03-30	5422.79	3.01	5419.78	Alluvium	
GS-26	2021-04-20	5422.79	2.98	5419.81	Alluvium	
GS-26	2021-05-28	5422.79	2.97	5419.82	Alluvium	
GS-26	2021-06-29	5422.79	3.08	5419.71	Alluvium	
GS-26	2021-07-27	5422.79	3.14	5419.65	Alluvium	
GS-26	2021-08-27	5422.79	3.09	5419.70	Alluvium	
GS-26	2021-09-21	5422.79	3.12	5419.67	Alluvium	
GS-26	2021-10-28	5422.79	3.22	5419.57	Alluvium	
GS-26	2021-11-30	5422.79	3.19	5419.60	Alluvium	
GS-26	2021-12-20	5422.79	3.26	5419.53	Alluvium	
GS-28	2021-01-28	5450.44	5.57	5444.87	Alluvium	
GS-28	2021-02-26	5450.44	5.49	5444.95	Alluvium	
GS-28	2021-03-30	5450.44	4.93	5445.51	Alluvium	
GS-28	2021-04-20	5450.44	4.98	5445.46	Alluvium	
GS-28	2021-05-28	5450.44	5.08	5445.36	Alluvium	
GS-28	2021-06-28	5450.44	5.55	5444.89	Alluvium	
GS-28	2021-07-27	5450.44	5.73	5444.71	Alluvium	
GS-28	2021-08-26	5450.44	5.42	5445.02	Alluvium	
GS-28	2021-09-21	5450.44	5.57	5444.87	Alluvium	
GS-28	2021-10-28	5450.44	5.39	5445.05	Alluvium	
GS-28	2021-11-30	5450.44	5.45	5444.99	Alluvium	PVC casing was trimmed 0.33 ft on 11/5/21 and not yet re-surveyed. Actual dtw was 5.12 ft. DTW was adjusted by trimmed length (5.12+0.33).
GS-28	2021-12-21	5450.44	5.51	5444.93	Alluvium	PVC casing was trimmed 0.33 ft. on 11/5/21 and not yet re-surveyed. Actual DTW was 5.18 ft. DTW was adjusted by trimmed length (5.18+0.33).
GS-29D	2021-01-28	5448.00	7.48	5440.52	Bedrock	
GS-29D	2021-02-26	5448.00	6.83	5441.17	Bedrock	
GS-29D	2021-03-31	5448.00	6.21	5441.79	Bedrock	Observed DTW is suspect, continuous recorder indicates the level to be approximately 6.29 ft.
GS-29D	2021-04-19	5448.00	6.06	5441.94	Bedrock	
GS-29D	2021-05-27	5448.00	5.80	5442.20	Bedrock	
GS-29D	2021-06-30	5448.00	5.72	5442.28	Bedrock	
GS-29D	2021-07-26	5448.00	5.72	5442.28	Bedrock	
GS-29D	2021-08-27	5448.00	5.70	5442.30	Bedrock	
GS-29D	2021-09-22	5448.00	5.68	5442.32	Bedrock	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
GS-29D	2021-10-27	5448.00	5.73	5442.27	Bedrock	
GS-29D	2021-11-30	5448.00	5.73	5442.27	Bedrock	
GS-29D	2021-12-20	5448.00	5.76	5442.24	Bedrock	
GS-29SR	2021-01-28	5448.85	6.64	5442.21	Alluvium	
GS-29SR	2021-02-26	5448.85	6.75	5442.10	Alluvium	
GS-29SR	2021-03-31	5448.85	6.37	5442.48	Alluvium	
GS-29SR	2021-04-19	5448.85	6.34	5442.51	Alluvium	
GS-29SR	2021-05-27	5448.85	6.25	5442.60	Alluvium	
GS-29SR	2021-06-30	5448.85	6.61	5442.24	Alluvium	
GS-29SR	2021-07-26	5448.85	6.64	5442.21	Alluvium	
GS-29SR	2021-08-27	5448.85	6.51	5442.34	Alluvium	
GS-29SR	2021-09-22	5448.85	6.55	5442.30	Alluvium	
GS-29SR	2021-10-27	5448.85	6.57	5442.28	Alluvium	
GS-29SR	2021-11-30	5448.85	6.80	5442.05	Alluvium	
GS-29SR	2021-12-20	5448.85	6.71	5442.14	Alluvium	
GS-30D	2021-01-28	5460.25	10.46	5449.79	Alluvium	
GS-30D	2021-02-26	5460.25	10.64	5449.61	Alluvium	
GS-30D	2021-03-31	5460.25	10.42	5449.83	Alluvium	
GS-30D	2021-04-19	5460.25	10.44	5449.81	Alluvium	
GS-30D	2021-05-27	5460.25	10.26	5449.99	Alluvium	
GS-30D	2021-06-29	5460.25	10.62	5449.63	Alluvium	
GS-30D	2021-07-27	5460.25	10.68	5449.57	Alluvium	
GS-30D	2021-08-26	5460.25	10.50	5449.75	Alluvium	
GS-30D	2021-09-22	5460.25	10.61	5449.64	Alluvium	
GS-30D	2021-10-27	5460.25	10.65	5449.60	Alluvium	
GS-30D	2021-11-30	5460.25	10.72	5449.53	Alluvium	
GS-30D	2021-12-20	5460.25	10.76	5449.49	Alluvium	
GS-30S	2021-01-28	5460.81	10.64	5450.17	Alluvium	
GS-30S	2021-02-26	5460.81	10.98	5449.83	Alluvium	
GS-30S	2021-03-31	5460.81	10.62	5450.19	Alluvium	
GS-30S	2021-04-19	5460.81	10.70	5450.11	Alluvium	
GS-30S	2021-05-27	5460.81	10.53	5450.28	Alluvium	
GS-30S	2021-06-29	5460.81	10.53	5450.28	Alluvium	Level is suspect, continuous recorder indicates level at 10.83 ft.
GS-30S	2021-07-27	5460.81	10.80	5450.01	Alluvium	
GS-30S	2021-08-26	5460.81	10.57	5450.24	Alluvium	
GS-30S	2021-09-22	5460.81	10.72	5450.09	Alluvium	
GS-30S	2021-10-27	5460.81	10.83	5449.98	Alluvium	
GS-30S	2021-11-30	5460.81	11.01	5449.80	Alluvium	
GS-30S	2021-12-20	5460.81	11.09	5449.72	Alluvium	
GS-31D	2021-01-28	5456.02	5.89	5450.13	Alluvium	
GS-31D	2021-02-25	5456.02	6.03	5449.99	Alluvium	
GS-31D	2021-03-31	5456.02	5.96	5450.06	Alluvium	
GS-31D	2021-04-19	5456.02	5.96	5450.06	Alluvium	
GS-31D	2021-05-27	5456.02	5.83	5450.19	Alluvium	
GS-31D	2021-06-29	5456.02	6.08	5449.94	Alluvium	
GS-31D	2021-07-27	5456.02	6.15	5449.87	Alluvium	
GS-31D	2021-08-26	5456.02	5.95	5450.07	Alluvium	
GS-31D	2021-09-22	5456.02	6.08	5449.94	Alluvium	
GS-31D	2021-10-27	5456.02	6.10	5449.92	Alluvium	
GS-31D	2021-11-30	5456.02	6.19	5449.83	Alluvium	
GS-31D	2021-12-20	5456.02	6.23	5449.79	Alluvium	
GS-31S	2021-01-28	5455.92	5.89	5450.03	Alluvium	
GS-31S	2021-02-25	5455.92	6.11	5449.81	Alluvium	
GS-31S	2021-03-31	5455.92	5.90	5450.02	Alluvium	
GS-31S	2021-04-19	5455.92	5.91	5450.01	Alluvium	
GS-31S	2021-05-27	5455.92	5.80	5450.12	Alluvium	
GS-31S	2021-06-29	5455.92	6.03	5449.89	Alluvium	
GS-31S	2021-07-27	5455.92	6.11	5449.81	Alluvium	
GS-31S	2021-08-26	5455.92	5.87	5450.05	Alluvium	
GS-31S	2021-09-22	5455.92	6.05	5449.87	Alluvium	
GS-31S	2021-10-27	5455.92	6.09	5449.83	Alluvium	
GS-31S	2021-11-30	5455.92	6.17	5449.75	Alluvium	
GS-31S	2021-12-20	5455.92	6.20	5449.72	Alluvium	Observed DTW is suspect, measured from top of PVC, not top of steel casing. Difference between top of PVC and top of steel casing is 0.56 ft.
GS-32D	2021-01-27	5454.95	4.98	5449.97	Alluvium	
GS-32D	2021-02-25	5454.95	4.66	5450.29	Alluvium	
GS-32D	2021-03-31	5454.95	4.44	5450.51	Alluvium	
GS-32D	2021-04-20	5454.95	5.27	5449.68	Alluvium	Value suspect, measured from TOS instead of PVC corrected to 4.45 ft.
GS-32D	2021-05-27	5454.95	4.26	5450.69	Alluvium	
GS-32D	2021-06-29	5454.95	4.70	5450.25	Alluvium	
GS-32D	2021-07-27	5454.95	4.80	5450.15	Alluvium	
GS-32D	2021-08-26	5454.95	4.65	5450.30	Alluvium	
GS-32D	2021-09-22	5454.95	4.75	5450.20	Alluvium	
GS-32D	2021-10-27	5454.95	4.78	5450.17	Alluvium	
GS-32D	2021-11-30	5454.95	4.83	5450.12	Alluvium	
GS-32D	2021-12-20	5454.95	4.81	5450.14	Alluvium	
GS-32S	2021-01-27	5454.48	4.75	5449.73	Alluvium	
GS-32S	2021-02-25	5454.48	5.26	5449.22	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
GS-32S	2021-03-31	5454.48	4.99	5449.49	Alluvium	
GS-32S	2021-04-20	5454.48	5.05	5449.43	Alluvium	
GS-32S	2021-05-27	5454.48	4.76	5449.72	Alluvium	
GS-32S	2021-06-29	5454.48	5.37	5449.11	Alluvium	
GS-32S	2021-07-27	5454.48	5.51	5448.97	Alluvium	
GS-32S	2021-08-26	5454.48	5.30	5449.18	Alluvium	
GS-32S	2021-09-22	5454.48	5.43	5449.05	Alluvium	
GS-32S	2021-10-27	5454.48	5.43	5449.05	Alluvium	
GS-32S	2021-11-30	5454.48	5.46	5449.02	Alluvium	
GS-32S	2021-12-20	5454.48	5.47	5449.01	Alluvium	
GS-34D	2021-01-27	5438.42	8.81	5429.61	Alluvium	
GS-34D	2021-02-26	5438.42	8.76	5429.66	Alluvium	
GS-34D	2021-03-31	5438.42	8.49	5429.93	Alluvium	
GS-34D	2021-04-20	5438.42	8.54	5429.88	Alluvium	
GS-34D	2021-05-27	5438.42	8.40	5430.02	Alluvium	
GS-34D	2021-06-30	5438.42	8.62	5429.80	Alluvium	
GS-34D	2021-07-27	5438.42	8.65	5429.77	Alluvium	
GS-34D	2021-08-26	5438.42	8.49	5429.93	Alluvium	
GS-34D	2021-09-21	5438.42	8.60	5429.82	Alluvium	
GS-34D	2021-10-28	5438.42	8.18	5430.24	Alluvium	
GS-34D	2021-11-30	5438.42	8.70	5429.72	Alluvium	
GS-34D	2021-12-20	5438.42	8.80	5429.62	Alluvium	
GS-34S	2021-01-27	5437.59	7.93	5429.66	Alluvium	
GS-34S	2021-02-26	5437.59	7.90	5429.69	Alluvium	
GS-34S	2021-03-31	5437.59	7.61	5429.98	Alluvium	
GS-34S	2021-04-20	5437.59	7.66	5429.93	Alluvium	
GS-34S	2021-05-27	5437.59	7.53	5430.06	Alluvium	
GS-34S	2021-06-30	5437.59	7.75	5429.84	Alluvium	
GS-34S	2021-07-27	5437.59	7.77	5429.82	Alluvium	
GS-34S	2021-08-26	5437.59	7.62	5429.97	Alluvium	
GS-34S	2021-09-21	5437.59	7.73	5429.86	Alluvium	
GS-34S	2021-10-28	5437.59	7.32	5430.27	Alluvium	
GS-34S	2021-11-30	5437.59	7.83	5429.76	Alluvium	
GS-34S	2021-12-20	5437.59	7.93	5429.66	Alluvium	
GS-40R	2021-01-27	5485.61	24.55	5461.06	Alluvium	
GS-40R	2021-02-25	5485.61	24.68	5460.93	Alluvium	
GS-40R	2021-03-31	5485.61	24.93	5460.68	Alluvium	
GS-40R	2021-04-19	5485.61	25.07	5460.54	Alluvium	
GS-40R	2021-05-27	5485.61	25.15	5460.46	Alluvium	
GS-40R	2021-06-29	5485.61	26.58	5459.03	Alluvium	
GS-40R	2021-07-27	5485.61	26.50	5459.11	Alluvium	Measurement is suspect, adjacent well measured by mistake.
GS-40R	2021-08-26	5485.61	25.10	5460.51	Alluvium	
GS-40R	2021-09-22	5485.61	25.11	5460.50	Alluvium	
GS-40R	2021-10-27	5485.61	25.30	5460.31	Alluvium	
GS-40R	2021-11-29	5485.61	25.21	5460.40	Alluvium	
GS-40R	2021-12-20	5485.61	25.57	5460.04	Alluvium	
GS-42D	2021-01-27	5475.54	16.32	5459.22	Alluvium	
GS-42D	2021-02-25	5475.54	16.41	5459.13	Alluvium	
GS-42D	2021-03-31	5475.54			Alluvium	Abandoned 3/2021 due to Parrot Removal
GS-42S	2021-01-27	5475.68	16.26	5459.42	Alluvium	
GS-42S	2021-02-25	5475.68	16.36	5459.32	Alluvium	
GS-42S	2021-03-31	5475.68			Alluvium	Abandoned 3/2021 due to Parrot Removal
GW-06R	2021-01-27	5435.38	7.59	5427.79	Alluvium	
GW-06R	2021-02-26	5435.38	7.52	5427.86	Alluvium	
GW-06R	2021-03-30	5435.38	7.29	5428.09	Alluvium	
GW-06R	2021-04-20	5435.38	7.34	5428.04	Alluvium	
GW-06R	2021-05-27	5435.38	7.30	5428.08	Alluvium	
GW-06R	2021-06-30	5435.38	7.47	5427.91	Alluvium	
GW-06R	2021-07-27	5435.38	7.50	5427.88	Alluvium	
GW-06R	2021-08-27	5435.38	7.36	5428.02	Alluvium	
GW-06R	2021-09-22	5435.38	7.47	5427.91	Alluvium	
GW-06R	2021-10-28	5435.38	7.44	5427.94	Alluvium	
GW-06R	2021-11-30	5435.38	7.57	5427.81	Alluvium	
GW-06R	2021-12-20	5435.38	7.61	5427.77	Alluvium	
HCA-B1	2021-01-27	5427.49	8.33	5419.16	Bedrock	
HCA-B1	2021-02-26	5427.49	8.32	5419.17	Bedrock	
HCA-B1	2021-03-30	5427.49	8.13	5419.36	Bedrock	
HCA-B1	2021-04-20	5427.49	8.09	5419.40	Bedrock	
HCA-B1	2021-05-28	5427.49	7.97	5419.52	Bedrock	
HCA-B1	2021-06-29	5427.49	8.16	5419.33	Bedrock	
HCA-B1	2021-07-27	5427.49	8.26	5419.23	Bedrock	
HCA-B1	2021-08-27	5427.49	8.22	5419.27	Bedrock	
HCA-B1	2021-09-21	5427.49	8.26	5419.23	Bedrock	
HCA-B1	2021-10-28	5427.49	8.32	5419.17	Bedrock	
HCA-B1	2021-11-30	5427.49	8.32	5419.17	Bedrock	
HCA-B1	2021-12-20	5427.49	8.39	5419.10	Bedrock	
HCA-B2	2021-01-27	5429.96	11.25	5418.71	Bedrock	
HCA-B2	2021-02-26	5429.96	11.26	5418.70	Bedrock	
HCA-B2	2021-03-30	5429.96	11.00	5418.96	Bedrock	
HCA-B2	2021-04-20	5429.96	10.96	5419.00	Bedrock	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
HCA-B2	2021-05-28	5429.96	10.90	5419.06	Bedrock	
HCA-B2	2021-06-29	5429.96	11.06	5418.90	Bedrock	
HCA-B2	2021-07-27	5429.96	11.22	5418.74	Bedrock	
HCA-B2	2021-08-27	5429.96	11.15	5418.81	Bedrock	
HCA-B2	2021-09-21	5429.96	11.22	5418.74	Bedrock	
HCA-B2	2021-10-28	5429.96	11.27	5418.69	Bedrock	
HCA-B2	2021-11-30	5429.96	11.28	5418.68	Bedrock	
HCA-B2	2021-12-20	5429.96	11.35	5418.61	Bedrock	
HCA-MG1	2021-01-27	5460.98	22.94	5438.04	Alluvium	
HCA-MG1	2021-02-26	5460.98	23.32	5437.66	Alluvium	
HCA-MG1	2021-03-30	5460.98	21.11	5439.87	Alluvium	
HCA-MG1	2021-04-20	5460.98	21.34	5439.64	Alluvium	
HCA-MG1	2021-05-27	5460.98	22.64	5438.34	Alluvium	
HCA-MG1	2021-06-30	5460.98	22.24	5438.74	Alluvium	
HCA-MG1	2021-07-27	5460.98	22.08	5438.90	Alluvium	
HCA-MG1	2021-08-26	5460.98	16.16	5444.82	Alluvium	
HCA-MG1	2021-09-21	5460.98	18.74	5442.24	Alluvium	
HCA-MG1	2021-10-28	5460.98	21.08	5439.90	Alluvium	
HCA-MG1	2021-11-30	5460.98	21.96	5439.02	Alluvium	
HCA-MG1	2021-12-20	5460.98	22.17	5438.81	Alluvium	
HCA-MG3	2021-01-27	5460.35	21.56	5438.79	Alluvium	
HCA-MG3	2021-02-26	5460.35	21.89	5438.46	Alluvium	
HCA-MG3	2021-03-30	5460.35	20.42	5439.93	Alluvium	
HCA-MG3	2021-04-20	5460.35	20.40	5439.95	Alluvium	
HCA-MG3	2021-05-27	5460.35	21.34	5439.01	Alluvium	
HCA-MG3	2021-06-30	5460.35	21.12	5439.23	Alluvium	
HCA-MG3	2021-07-27	5460.35	21.04	5439.31	Alluvium	
HCA-MG3	2021-08-26	5460.35	15.40	5444.95	Alluvium	
HCA-MG3	2021-09-21	5460.35	18.00	5442.35	Alluvium	
HCA-MG3	2021-10-28	5460.35	20.15	5440.20	Alluvium	
HCA-MG3	2021-11-30	5460.35	20.86	5439.49	Alluvium	
HCA-MG3	2021-12-20	5460.35	21.09	5439.26	Alluvium	
HCC-01	2021-01-27	5430.36	0.69	5431.05	BTL Sys	
HCC-01	2021-02-26	5430.36	0.71	5431.07	BTL Sys	
HCC-01	2021-03-30	5430.36	0.71	5431.07	BTL Sys	
HCC-01	2021-04-20	5430.36	0.71	5431.07	BTL Sys	
HCC-01	2021-05-28	5430.36	0.71	5431.07	BTL Sys	
HCC-01	2021-06-28	5430.36	0.72	5431.08	BTL Sys	
HCC-01	2021-07-27	5430.36	0.69	5431.05	BTL Sys	
HCC-01	2021-08-26	5430.36	0.70	5431.06	BTL Sys	
HCC-01	2021-09-21	5430.36	0.69	5431.05	BTL Sys	
HCC-01	2021-10-28	5430.36	0.68	5431.04	BTL Sys	
HCC-01	2021-11-30	5430.36	0.67	5431.03	BTL Sys	
HCC-01	2021-12-21	5430.36	0.68	5431.04	BTL Sys	
HCC-01A	2021-01-27	5414.46			BTL Sys	Dry
HCC-01A	2021-02-26	5414.46			BTL Sys	Frozen
HCC-01A	2021-03-30	5414.46	0.43	5414.89	BTL Sys	
HCC-01A	2021-04-20	5414.46	14.54	5429.00	BTL Sys	
HCC-01A	2021-05-28	5414.46	14.45	5428.91	BTL Sys	
HCC-01A	2021-06-28	5414.46	14.44	5428.90	BTL Sys	
HCC-01A	2021-07-27	5414.46	14.42	5428.88	BTL Sys	
HCC-01A	2021-08-26	5414.46	14.46	5428.92	BTL Sys	
HCC-01A	2021-09-21	5414.46	14.47	5428.93	BTL Sys	
HCC-01A	2021-10-28	5414.46	14.44	5428.90	BTL Sys	
HCC-01A	2021-11-30	5414.46	14.42	5428.88	BTL Sys	
HCC-01A	2021-12-21	5414.46	14.38	5428.84	BTL Sys	
HCC-01B	2021-01-27	5427.22			BTL Sys	Dry
HCC-01B	2021-02-26	5427.22			BTL Sys	Frozen
HCC-01B	2021-03-30	5427.22			BTL Sys	Frozen
HCC-01B	2021-04-20	5427.22	1.03	5428.25	BTL Sys	
HCC-01B	2021-05-28	5427.22	0.81	5428.03	BTL Sys	
HCC-01B	2021-06-28	5427.22	0.84	5428.06	BTL Sys	
HCC-01B	2021-07-27	5427.22	0.82	5428.04	BTL Sys	
HCC-01B	2021-08-26	5427.22	0.85	5428.07	BTL Sys	
HCC-01B	2021-09-21	5427.22	0.83	5428.05	BTL Sys	
HCC-01B	2021-10-28	5427.22	0.86	5428.08	BTL Sys	
HCC-01B	2021-11-30	5427.22	0.88	5428.10	BTL Sys	
HCC-01B	2021-12-21	5427.22			BTL Sys	Dry, excavation done in HCC earlier in month.
HCC-02A	2021-01-27	5421.15	6.22	5427.37	BTL Sys	
HCC-02A	2021-02-26	5421.15	6.30	5427.45	BTL Sys	
HCC-02A	2021-03-30	5421.15	6.23	5427.38	BTL Sys	
HCC-02A	2021-04-20	5421.15	6.22	5427.37	BTL Sys	
HCC-02A	2021-05-28	5421.15	6.24	5427.39	BTL Sys	
HCC-02A	2021-06-28	5421.15	6.22	5427.37	BTL Sys	
HCC-02A	2021-07-27	5421.15	6.22	5427.37	BTL Sys	Plus or minus 0.01 ft.
HCC-02A	2021-08-26	5421.15	6.23	5427.38	BTL Sys	
HCC-02A	2021-09-21	5421.15	6.22	5427.37	BTL Sys	
HCC-02A	2021-10-28	5421.15	6.22	5427.37	BTL Sys	
HCC-02A	2021-11-30	5421.15	6.20	5427.35	BTL Sys	
HCC-02A	2021-12-21	5421.15	6.26	5427.41	BTL Sys	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
HCC-03	2021-01-27	5425.11			BTL Sys	Dry
HCC-03	2021-02-26	5425.11			BTL Sys	Dry
HCC-03	2021-03-30	5425.11			BTL Sys	Dry
HCC-03	2021-04-20	5425.11			BTL Sys	Dry
HCC-03	2021-05-28	5425.11			BTL Sys	Dry
HCC-03	2021-06-28	5425.11			BTL Sys	Dry
HCC-03	2021-07-27	5425.11			BTL Sys	Dry
HCC-03	2021-08-26	5425.11			BTL Sys	Dry
HCC-03	2021-09-21	5425.11			BTL Sys	Dry
HCC-03	2021-10-28	5425.11			BTL Sys	Dry
HCC-03	2021-11-30	5425.11			BTL Sys	Dry
HCC-03	2021-12-21	5425.11			BTL Sys	Dry
HCC-03A	2021-01-27	5422.61	1.56	5424.17	BTL Sys	
HCC-03A	2021-02-26	5422.61	1.58	5424.19	BTL Sys	
HCC-03A	2021-03-30	5422.61	1.58	5424.19	BTL Sys	
HCC-03A	2021-04-20	5422.61	1.62	5424.23	BTL Sys	
HCC-03A	2021-05-28	5422.61	1.63	5424.24	BTL Sys	
HCC-03A	2021-06-28	5422.61	2.63	5425.24	BTL Sys	
HCC-03A	2021-07-27	5422.61	1.60	5424.21	BTL Sys	
HCC-03A	2021-08-26	5422.61	1.65	5424.26	BTL Sys	
HCC-03A	2021-09-21	5422.61	1.64	5424.25	BTL Sys	
HCC-03A	2021-10-28	5422.61	1.61	5424.22	BTL Sys	
HCC-03A	2021-11-30	5422.61	1.55	5424.16	BTL Sys	
HCC-03A	2021-12-21	5422.61	1.60	5424.21	BTL Sys	
HCC-04	2021-01-27	5421.99	2.07	5424.06	BTL Sys	
HCC-04	2021-02-26	5421.99	2.08	5424.07	BTL Sys	
HCC-04	2021-03-30	5421.99	2.09	5424.08	BTL Sys	
HCC-04	2021-04-20	5421.99	2.10	5424.09	BTL Sys	
HCC-04	2021-05-28	5421.99	2.10	5424.09	BTL Sys	
HCC-04	2021-06-28	5421.99	2.10	5424.09	BTL Sys	
HCC-04	2021-07-27	5421.99	2.10	5424.09	BTL Sys	
HCC-04	2021-08-26	5421.99	2.11	5424.10	BTL Sys	
HCC-04	2021-09-21	5421.99	2.12	5424.11	BTL Sys	
HCC-04	2021-10-28	5421.99	2.12	5424.11	BTL Sys	
HCC-04	2021-11-30	5421.99	2.10	5424.09	BTL Sys	
HCC-04	2021-12-21	5421.99	2.12	5424.11	BTL Sys	
HCC-04A	2021-01-27	5411.83	10.86	5422.69	BTL Sys	
HCC-04A	2021-02-26	5411.83	10.87	5422.70	BTL Sys	
HCC-04A	2021-03-30	5411.83	10.87	5422.70	BTL Sys	
HCC-04A	2021-04-20	5411.83	10.88	5422.71	BTL Sys	
HCC-04A	2021-05-28	5411.83	10.88	5422.71	BTL Sys	
HCC-04A	2021-06-28	5411.83	10.92	5422.75	BTL Sys	
HCC-04A	2021-07-27	5411.83	9.08	5420.91	BTL Sys	Plus or minus 0.01 ft.
HCC-04A	2021-08-26	5411.83	10.95	5422.78	BTL Sys	
HCC-04A	2021-09-21	5411.83	10.95	5422.78	BTL Sys	
HCC-04A	2021-10-28	5411.83	10.90	5422.73	BTL Sys	
HCC-04A	2021-11-30	5411.83	10.85	5422.68	BTL Sys	
HCC-04A	2021-12-21	5411.83	10.86	5422.69	BTL Sys	
HCC-05	2021-01-27	5421.09			BTL Sys	Dry
HCC-05	2021-02-26	5421.09			BTL Sys	Dry
HCC-05	2021-03-30	5421.09			BTL Sys	Dry
HCC-05	2021-04-20	5421.09			BTL Sys	Dry
HCC-05	2021-05-28	5421.09			BTL Sys	Dry
HCC-05	2021-06-28	5421.09			BTL Sys	Dry
HCC-05	2021-07-27	5421.09			BTL Sys	Dry
HCC-05	2021-08-26	5421.09			BTL Sys	Dry
HCC-05	2021-09-21	5421.09			BTL Sys	Dry
HCC-05	2021-10-28	5421.09			BTL Sys	Dry
HCC-05	2021-11-30	5421.09			BTL Sys	Dry
HCC-05	2021-12-21	5421.09			BTL Sys	Dry
HCC-05A	2021-01-27	5409.39	10.93	5420.32	BTL Sys	
HCC-05A	2021-02-26	5409.39	10.90	5420.29	BTL Sys	
HCC-05A	2021-03-30	5409.39	10.93	5420.32	BTL Sys	
HCC-05A	2021-04-20	5409.39	10.94	5420.33	BTL Sys	
HCC-05A	2021-05-28	5409.39	10.95	5420.34	BTL Sys	
HCC-05A	2021-06-28	5409.39	10.99	5420.38	BTL Sys	
HCC-05A	2021-07-27	5409.39	10.95	5420.34	BTL Sys	
HCC-05A	2021-08-26	5409.39	11.01	5420.40	BTL Sys	
HCC-05A	2021-09-21	5409.39	11.02	5420.41	BTL Sys	
HCC-05A	2021-10-28	5409.39	11.00	5420.39	BTL Sys	
HCC-05A	2021-11-30	5409.39	10.94	5420.33	BTL Sys	
HCC-05A	2021-12-21	5409.39	10.92	5420.31	BTL Sys	
HCC-06	2021-01-27	5419.31	0.72	5420.03	BTL Sys	
HCC-06	2021-02-26	5419.31			BTL Sys	Frozen
HCC-06	2021-03-30	5419.31			BTL Sys	Frozen at 0.75 ft.
HCC-06	2021-04-20	5419.31	0.70	5420.01	BTL Sys	
HCC-06	2021-05-28	5419.31	0.69	5420.00	BTL Sys	
HCC-06	2021-06-28	5419.31	0.72	5420.03	BTL Sys	
HCC-06	2021-07-27	5419.31	0.68	5419.99	BTL Sys	
HCC-06	2021-08-26	5419.31	0.77	5420.08	BTL Sys	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
HCC-06	2021-09-21	5419.31	0.78	5420.09	BTL Sys	
HCC-06	2021-10-28	5419.31	0.72	5420.03	BTL Sys	
HCC-06	2021-11-30	5419.31	0.78	5420.09	BTL Sys	
HCC-06	2021-12-21	5419.31	0.76	5420.07	BTL Sys	
HCC-06A	2021-01-27	5409.01	11.02	5420.03	BTL Sys	
HCC-06A	2021-02-26	5409.01	11.01	5420.02	BTL Sys	
HCC-06A	2021-03-30	5409.01	11.00	5420.01	BTL Sys	
HCC-06A	2021-04-20	5409.01	11.04	5420.05	BTL Sys	
HCC-06A	2021-05-28	5409.01	11.03	5420.04	BTL Sys	
HCC-06A	2021-06-28	5409.01	11.08	5420.09	BTL Sys	
HCC-06A	2021-07-27	5409.01	11.06	5420.07	BTL Sys	
HCC-06A	2021-08-26	5409.01	11.12	5420.13	BTL Sys	
HCC-06A	2021-09-21	5409.01	11.12	5420.13	BTL Sys	
HCC-06A	2021-10-28	5409.01	11.10	5420.11	BTL Sys	
HCC-06A	2021-11-30	5409.01	11.01	5420.02	BTL Sys	
HCC-06A	2021-12-21	5409.01	11.01	5420.02	BTL Sys	
HCC-07	2021-01-27	5417.66	2.16	5419.82	BTL Sys	
HCC-07	2021-02-26	5417.66			BTL Sys	Couldn't access safely due to snow and ice.
HCC-07	2021-03-30	5417.66	2.19	5419.85	BTL Sys	
HCC-07	2021-04-20	5417.66	2.25	5419.91	BTL Sys	
HCC-07	2021-05-28	5417.66	2.20	5419.86	BTL Sys	
HCC-07	2021-06-28	5417.66	2.28	5419.94	BTL Sys	
HCC-07	2021-07-27	5417.66	2.10	5419.76	BTL Sys	
HCC-07	2021-08-26	5417.66	2.15	5419.81	BTL Sys	
HCC-07	2021-09-21	5417.66	2.15	5419.81	BTL Sys	
HCC-07	2021-10-28	5417.66	2.14	5419.80	BTL Sys	
HCC-07	2021-11-30	5417.66	2.11	5419.77	BTL Sys	
HCC-07	2021-12-21	5417.66	2.14	5419.80	BTL Sys	
M-01	2021-01-28	5433.52	6.58	5426.94	Alluvium	
M-01	2021-02-25	5433.52	6.54	5426.98	Alluvium	
M-01	2021-03-30	5433.52	6.53	5426.99	Alluvium	
M-01	2021-04-19	5433.52	6.58	5426.94	Alluvium	
M-01	2021-05-27	5433.52	6.19	5427.33	Alluvium	
M-01	2021-06-29	5433.52	6.38	5427.14	Alluvium	
M-01	2021-07-26	5433.52	6.37	5427.15	Alluvium	
M-01	2021-08-26	5433.52	6.47	5427.05	Alluvium	
M-01	2021-09-21	5433.52	6.41	5427.11	Alluvium	
M-01	2021-10-27	5433.52	6.38	5427.14	Alluvium	
M-01	2021-11-29	5433.52	6.57	5426.95	Alluvium	
M-01	2021-12-20	5433.52	6.61	5426.91	Alluvium	
M-03-87	2021-01-27	5441.61	10.70	5430.91	Alluvium	Double checked measurement
M-03-87	2021-02-25	5441.61	10.73	5430.88	Alluvium	
M-03-87	2021-03-30	5441.61	10.01	5431.60	Alluvium	
M-03-87	2021-04-19	5441.61	9.93	5431.68	Alluvium	
M-03-87	2021-05-27	5441.61	9.74	5431.87	Alluvium	
M-03-87	2021-06-29	5441.61	9.84	5431.77	Alluvium	
M-03-87	2021-07-26	5441.61	9.92	5431.69	Alluvium	
M-03-87	2021-08-26	5441.61	9.86	5431.75	Alluvium	
M-03-87	2021-09-21	5441.61	9.96	5431.65	Alluvium	
M-03-87	2021-10-27	5441.61	9.94	5431.67	Alluvium	
M-03-87	2021-11-29	5441.61	10.03	5431.58	Alluvium	
M-03-87	2021-12-20	5441.61	10.09	5431.52	Alluvium	
MF-01	2021-01-28	5447.66	5.36	5442.30	Alluvium	
MF-01	2021-02-26	5447.66	5.40	5442.26	Alluvium	
MF-01	2021-03-31	5447.66	5.08	5442.58	Alluvium	Broken pvc in well
MF-01	2021-04-19	5447.66	5.05	5442.61	Alluvium	
MF-01	2021-05-27	5447.66	4.98	5442.68	Alluvium	
MF-01	2021-06-30	5447.66	5.32	5442.34	Alluvium	
MF-01	2021-07-26	5447.66	5.39	5442.27	Alluvium	
MF-01	2021-08-27	5447.66	5.23	5442.43	Alluvium	
MF-01	2021-09-22	5447.66	5.28	5442.38	Alluvium	
MF-01	2021-10-27	5447.66	5.29	5442.37	Alluvium	
MF-01	2021-11-30	5447.66	5.44	5442.22	Alluvium	
MF-01	2021-12-20	5447.66	5.37	5442.29	Alluvium	
MF-03	2021-01-27	5452.99	9.76	5443.23	Alluvium	
MF-03	2021-02-25	5452.99	9.68	5443.31	Alluvium	
MF-03	2021-03-31	5452.99	9.17	5443.82	Alluvium	
MF-03	2021-04-20	5452.99	9.22	5443.77	Alluvium	
MF-03	2021-05-27	5452.99	8.84	5444.15	Alluvium	
MF-03	2021-06-29	5452.99	9.55	5443.44	Alluvium	
MF-03	2021-07-27	5452.99	9.59	5443.40	Alluvium	
MF-03	2021-08-26	5452.99	9.13	5443.86	Alluvium	
MF-03	2021-09-22	5452.99	9.44	5443.55	Alluvium	
MF-03	2021-10-27	5452.99	9.36	5443.63	Alluvium	
MF-03	2021-11-29	5452.99	9.50	5443.49	Alluvium	
MF-03	2021-12-20	5452.99	9.47	5443.52	Alluvium	
MF-05	2021-01-27	5471.50			Alluvium	Dry at 15.45 ft
MF-05	2021-02-25	5471.50			Alluvium	Dry at 15.0 ft
MF-05	2021-03-31	5471.50			Alluvium	Dry at 15.35 ft
MF-05	2021-04-19	5471.50			Alluvium	Dry at 15.35 ft

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
MF-05	2021-05-27	5471.50			Alluvium	Dry at 15.45 ft.
MF-05	2021-06-29	5471.50			Alluvium	Dry at 15.45 ft
MF-05	2021-07-27	5471.50			Alluvium	Could not access.
MF-05	2021-09-22	5471.50			Alluvium	Dry at 15.39 ft.
MF-05	2021-10-27	5471.50			Alluvium	Dry at 15.45 ft.
MF-05	2021-11-29	5471.50			Alluvium	Dry
MF-05	2021-12-20	5471.50			Alluvium	Dry
MF-07	2021-01-27	5463.13	10.59	5452.54	Alluvium	
MF-07	2021-02-25	5463.13	10.50	5452.63	Alluvium	
MF-07	2021-03-31	5463.13	10.27	5452.86	Alluvium	
MF-07	2021-04-20	5463.13	10.34	5452.79	Alluvium	
MF-07	2021-05-27	5463.13	10.07	5453.06	Alluvium	
MF-07	2021-06-29	5463.13	10.69	5452.44	Alluvium	
MF-07	2021-07-27	5463.13	10.75	5452.38	Alluvium	Observed DTW is suspect, continuous recorder indicates value to be 10.92 ft.
MF-07	2021-08-26	5463.13	10.55	5452.58	Alluvium	
MF-07	2021-09-22	5463.13	10.67	5452.46	Alluvium	
MF-07	2021-10-27	5463.13	10.86	5452.27	Alluvium	
MF-07	2021-11-30	5463.13	10.85	5452.28	Alluvium	
MF-07	2021-12-20	5463.13	10.86	5452.27	Alluvium	
MF-08	2021-01-27	5453.86	6.79	5447.07	Alluvium	
MF-08	2021-02-25	5453.86	7.61	5446.25	Alluvium	
MF-08	2021-03-31	5453.86	7.33	5446.53	Alluvium	
MF-08	2021-04-20	5453.86	7.35	5446.51	Alluvium	
MF-08	2021-05-27	5453.86	7.02	5446.84	Alluvium	
MF-08	2021-06-29	5453.86	7.63	5446.23	Alluvium	
MF-08	2021-07-27	5453.86	7.65	5446.21	Alluvium	
MF-08	2021-08-26	5453.86	7.41	5446.45	Alluvium	
MF-08	2021-09-22	5453.86	7.54	5446.32	Alluvium	
MF-08	2021-10-27	5453.86	7.54	5446.32	Alluvium	Direct read did not work.
MF-08	2021-11-30	5453.86	7.60	5446.26	Alluvium	
MF-08	2021-12-20	5453.86	7.60	5446.26	Alluvium	
MF-09	2021-01-28	5461.60	11.06	5450.54	Alluvium	
MF-09	2021-02-25	5461.60	11.19	5450.41	Alluvium	
MF-09	2021-03-31	5461.60	10.76	5450.84	Alluvium	
MF-09	2021-04-19	5461.60	10.86	5450.74	Alluvium	
MF-09	2021-05-27	5461.60	10.93	5450.67	Alluvium	
MF-09	2021-06-29	5461.60	11.02	5450.58	Alluvium	
MF-09	2021-07-27	5461.60	11.11	5450.49	Alluvium	
MF-09	2021-08-26	5461.60	10.86	5450.74	Alluvium	
MF-09	2021-09-22	5461.60	11.00	5450.60	Alluvium	
MF-09	2021-10-27	5461.60	11.21	5450.39	Alluvium	
MF-09	2021-11-30	5461.60	11.30	5450.30	Alluvium	
MF-09	2021-12-20	5461.60	11.37	5450.23	Alluvium	
MF-10	2021-01-28	5456.48	9.20	5447.28	Alluvium	
MF-10	2021-02-25	5456.48	9.53	5446.95	Alluvium	
MF-10	2021-03-31	5456.48	9.20	5447.28	Alluvium	
MF-10	2021-04-19	5456.48	9.19	5447.29	Alluvium	
MF-10	2021-05-27	5456.48	9.13	5447.35	Alluvium	
MF-10	2021-06-29	5456.48	9.37	5447.11	Alluvium	
MF-10	2021-07-27	5456.48	9.49	5446.99	Alluvium	
MF-10	2021-08-26	5456.48	9.42	5447.06	Alluvium	
MF-10	2021-09-22	5456.48	9.51	5446.97	Alluvium	
MF-10	2021-10-27	5456.48	9.50	5446.98	Alluvium	Unable to download, transducer didn't connect
MF-10	2021-11-30	5456.48	9.55	5446.93	Alluvium	
MF-10	2021-12-20	5456.48	9.58	5446.90	Alluvium	
MF-11	2021-01-28	5463.60	9.45	5454.15	Alluvium	
MF-11	2021-02-26	5463.60	9.59	5454.01	Alluvium	
MF-11	2021-03-31	5463.60	9.37	5454.23	Alluvium	
MF-11	2021-04-19	5463.60	9.41	5454.19	Alluvium	
MF-11	2021-05-27	5463.60	9.18	5454.42	Alluvium	
MF-11	2021-06-29	5463.60	9.20	5454.40	Alluvium	
MF-11	2021-07-27	5463.60	9.28	5454.32	Alluvium	
MF-11	2021-08-26	5463.60	9.20	5454.40	Alluvium	
MF-11	2021-09-22	5463.60	9.31	5454.29	Alluvium	
MF-11	2021-10-27	5463.60	9.48	5454.12	Alluvium	
MF-11	2021-11-30	5463.60	9.63	5453.97	Alluvium	
MF-11	2021-12-20	5463.60	9.74	5453.86	Alluvium	
MH-MSD106	2021-01-27	5442.67	4.23	5438.44	MSD Sub-drain	
MH-MSD106	2021-02-25	5442.67			MSD Sub-drain	Frozen
MH-MSD106	2021-03-31	5442.67	3.50	5439.17	MSD Sub-drain	
MH-MSD106	2021-04-20	5442.67	3.52	5439.15	MSD Sub-drain	
MH-MSD106	2021-05-27	5442.67	2.70	5439.97	MSD Sub-drain	
MH-MSD106	2021-06-30	5442.67	3.35	5439.32	MSD Sub-drain	
MH-MSD106	2021-07-27	5442.67	3.35	5439.32	MSD Sub-drain	
MH-MSD106	2021-08-26	5442.67	3.13	5439.54	MSD Sub-drain	
MH-MSD106	2021-09-22	5442.67	3.24	5439.43	MSD Sub-drain	
MH-MSD106	2021-10-27	5442.67	2.05	5440.62	MSD Sub-drain	
MH-MSD106	2021-11-30	5442.67	2.85	5439.82	MSD Sub-drain	
MH-MSD106	2021-12-20	5442.67	2.81	5439.86	MSD Sub-drain	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
MH-MSD108	2021-01-27	5445.55	5.49	5440.06	MSD Sub-drain	
MH-MSD108	2021-02-25	5445.55			MSD Sub-drain	Frozen
MH-MSD108	2021-03-31	5445.55	4.18	5441.37	MSD Sub-drain	
MH-MSD108	2021-04-20	5445.55	4.20	5441.35	MSD Sub-drain	
MH-MSD108	2021-05-27	5445.55	2.64	5442.91	MSD Sub-drain	
MH-MSD108	2021-06-30	5445.55	5.23	5440.32	MSD Sub-drain	
MH-MSD108	2021-07-27	5445.55	4.83	5440.72	MSD Sub-drain	
MH-MSD108	2021-08-26	5445.55	4.15	5441.40	MSD Sub-drain	
MH-MSD108	2021-09-22	5445.55	4.45	5441.10	MSD Sub-drain	
MH-MSD108	2021-10-27	5445.55	4.05	5441.50	MSD Sub-drain	
MH-MSD108	2021-11-30	5445.55	4.40	5441.15	MSD Sub-drain	
MH-MSD108	2021-12-20	5445.55	4.35	5441.20	MSD Sub-drain	
MH-MSD110	2021-01-27	5449.75	1.85	5447.90	MSD Sub-drain	
MH-MSD110	2021-02-25	5449.75			MSD Sub-drain	Frozen
MH-MSD110	2021-03-31	5449.75	5.69	5444.06	MSD Sub-drain	
MH-MSD110	2021-04-20	5449.75	5.69	5444.06	MSD Sub-drain	
MH-MSD110	2021-05-27	5449.75	5.55	5444.20	MSD Sub-drain	
MH-MSD110	2021-06-30	5449.75	5.65	5444.10	MSD Sub-drain	
MH-MSD110	2021-07-27	5449.75	5.67	5444.08	MSD Sub-drain	
MH-MSD110	2021-08-26	5449.75	5.59	5444.16	MSD Sub-drain	
MH-MSD110	2021-09-22	5449.75	5.60	5444.15	MSD Sub-drain	
MH-MSD110	2021-10-27	5449.75	5.66	5444.09	MSD Sub-drain	
MH-MSD110	2021-11-30	5449.75	5.67	5444.08	MSD Sub-drain	
MH-MSD110	2021-12-20	5449.75	5.66	5444.09	MSD Sub-drain	
MH-MSD113	2021-01-27	5455.75	5.66	5450.09	MSD Sub-drain	
MH-MSD113	2021-02-25	5455.75			MSD Sub-drain	Frozen
MH-MSD113	2021-03-31	5455.75	5.69	5450.06	MSD Sub-drain	
MH-MSD113	2021-04-20	5455.75	5.62	5450.13	MSD Sub-drain	
MH-MSD113	2021-05-27	5455.75	5.50	5450.25	MSD Sub-drain	
MH-MSD113	2021-06-30	5455.75	5.77	5449.98	MSD Sub-drain	
MH-MSD113	2021-07-27	5455.75	5.72	5450.03	MSD Sub-drain	
MH-MSD113	2021-08-26	5455.75	5.67	5450.08	MSD Sub-drain	
MH-MSD113	2021-09-22	5455.75	5.71	5450.04	MSD Sub-drain	
MH-MSD113	2021-10-27	5455.75	5.76	5449.99	MSD Sub-drain	
MH-MSD113	2021-11-30	5455.75	5.74	5450.01	MSD Sub-drain	
MH-MSD113	2021-12-20	5455.75	5.72	5450.03	MSD Sub-drain	
MH-MSD116	2021-01-27	5459.93	4.48	5455.45	MSD Sub-drain	
MH-MSD116	2021-02-25	5459.93			MSD Sub-drain	Under water
MH-MSD116	2021-03-31	5459.93	4.47	5455.46	MSD Sub-drain	Replaced transducer cord
MH-MSD116	2021-04-19	5459.93	4.30	5455.63	MSD Sub-drain	
MH-MSD116	2021-05-27	5459.93	3.70	5456.23	MSD Sub-drain	
MH-MSD116	2021-06-30	5459.93	3.40	5456.53	MSD Sub-drain	
MH-MSD116	2021-07-27	5459.93	3.11	5456.82	MSD Sub-drain	Observed DTW is suspect, continuous recorder indicates value to be approximately 3.03 ft.
MH-MSD116	2021-08-26	5459.93	2.98	5456.95	MSD Sub-drain	
MH-MSD116	2021-09-22	5459.93	3.00	5456.93	MSD Sub-drain	
MH-MSD116	2021-10-27	5459.93	3.83	5456.10	MSD Sub-drain	
MH-MSD116	2021-11-30	5459.93	4.03	5455.90	MSD Sub-drain	
MH-MSD116	2021-12-21	5459.93	4.17	5455.76	MSD Sub-drain	
MSD-01A	2021-01-27	5467.41	11.02	5456.39	Alluvium	
MSD-01A	2021-02-25	5467.41			Alluvium	Frozen
MSD-01A	2021-03-31	5467.41	11.06	5456.35	Alluvium	
MSD-01A	2021-04-19	5467.41	11.05	5456.36	Alluvium	
MSD-01A	2021-05-27	5467.41	10.91	5456.50	Alluvium	
MSD-01A	2021-06-29	5467.41	10.81	5456.60	Alluvium	
MSD-01A	2021-07-27	5467.41	10.96	5456.45	Alluvium	
MSD-01A	2021-08-26	5467.41	10.72	5456.69	Alluvium	
MSD-01A	2021-09-22	5467.41	10.84	5456.57	Alluvium	
MSD-01A	2021-10-27	5467.41	11.12	5456.29	Alluvium	
MSD-01A	2021-11-29	5467.41	11.29	5456.12	Alluvium	
MSD-01A	2021-12-20	5467.41	11.40	5456.01	Alluvium	
MSD-01B	2021-01-27	5467.21	10.44	5456.77	Alluvium	
MSD-01B	2021-02-25	5467.21			Alluvium	Frozen
MSD-01B	2021-03-31	5467.21	10.58	5456.63	Alluvium	
MSD-01B	2021-04-19	5467.21	10.55	5456.66	Alluvium	
MSD-01B	2021-05-27	5467.21	10.43	5456.78	Alluvium	
MSD-01B	2021-06-29	5467.21	10.40	5456.81	Alluvium	
MSD-01B	2021-07-27	5467.21	10.38	5456.83	Alluvium	
MSD-01B	2021-08-26	5467.21	10.24	5456.97	Alluvium	
MSD-01B	2021-09-22	5467.21	10.33	5456.88	Alluvium	
MSD-01B	2021-10-27	5467.21	10.63	5456.58	Alluvium	
MSD-01B	2021-11-29	5467.21	10.83	5456.38	Alluvium	
MSD-01B	2021-12-20	5467.21	10.92	5456.29	Alluvium	
MSD-01C	2021-01-27	5467.31	10.88	5456.43	Alluvium	
MSD-01C	2021-02-25	5467.31	11.03	5456.28	Alluvium	
MSD-01C	2021-03-31	5467.31	11.10	5456.21	Alluvium	
MSD-01C	2021-04-19	5467.31	11.09	5456.22	Alluvium	
MSD-01C	2021-05-27	5467.31	11.03	5456.28	Alluvium	
MSD-01C	2021-06-29	5467.31	11.11	5456.20	Alluvium	
MSD-01C	2021-07-27	5467.31	11.13	5456.18	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
MSD-01C	2021-08-26	5467.31	10.98	5456.33	Alluvium	
MSD-01C	2021-09-22	5467.31	11.06	5456.25	Alluvium	
MSD-01C	2021-10-27	5467.31	11.25	5456.06	Alluvium	Direct read didn't work.
MSD-01C	2021-11-29	5467.31	11.38	5455.93	Alluvium	
MSD-01C	2021-12-20	5467.31	11.48	5455.83	Alluvium	
MSD-02A	2021-01-27	5462.58	8.71	5453.87	Alluvium	
MSD-02A	2021-02-25	5462.58	8.64	5453.94	Alluvium	
MSD-02A	2021-03-31	5462.58	8.51	5454.07	Alluvium	
MSD-02A	2021-04-20	5462.58	8.44	5454.14	Alluvium	
MSD-02A	2021-05-27	5462.58	8.26	5454.32	Alluvium	
MSD-02A	2021-06-29	5462.58	8.71	5453.87	Alluvium	
MSD-02A	2021-07-27	5462.58	8.65	5453.93	Alluvium	Observed DTW is suspect, continuous recorder indicates value to be 8.70 ft.
MSD-02A	2021-08-26	5462.58	8.42	5454.16	Alluvium	
MSD-02A	2021-09-22	5462.58	8.45	5454.13	Alluvium	
MSD-02A	2021-10-27	5462.58	8.86	5453.72	Alluvium	
MSD-02A	2021-11-30	5462.58	8.95	5453.63	Alluvium	
MSD-02A	2021-12-20	5462.58	8.95	5453.63	Alluvium	
MSD-02B	2021-01-27	5465.55	10.90	5454.65	Alluvium	
MSD-02B	2021-02-25	5465.55	11.02	5454.53	Alluvium	
MSD-02B	2021-03-31	5465.55	10.92	5454.63	Alluvium	
MSD-02B	2021-04-20	5465.55	10.90	5454.65	Alluvium	
MSD-02B	2021-05-27	5465.55	10.78	5454.77	Alluvium	
MSD-02B	2021-06-29	5465.55	10.90	5454.65	Alluvium	
MSD-02B	2021-07-27	5465.55	10.94	5454.61	Alluvium	
MSD-02B	2021-08-26	5465.55	10.70	5454.85	Alluvium	Observed DTW is suspect, continuous recorder indicates value to be approximately 10.80 ft.
MSD-02B	2021-09-22	5465.55	10.91	5454.64	Alluvium	
MSD-02B	2021-10-27	5465.55	11.10	5454.45	Alluvium	
MSD-02B	2021-11-30	5465.55	11.22	5454.33	Alluvium	
MSD-02B	2021-12-20	5465.55	11.30	5454.25	Alluvium	
MSD-03	2021-01-28	5461.30	8.67	5452.63	Alluvium	
MSD-03	2021-02-26	5461.30	8.80	5452.50	Alluvium	
MSD-03	2021-03-31	5461.30	8.65	5452.65	Alluvium	
MSD-03	2021-04-19	5461.30	8.67	5452.63	Alluvium	
MSD-03	2021-05-27	5461.30	8.50	5452.80	Alluvium	
MSD-03	2021-06-29	5461.30	8.73	5452.57	Alluvium	
MSD-03	2021-07-27	5461.30	8.79	5452.51	Alluvium	
MSD-03	2021-08-26	5461.30	8.64	5452.66	Alluvium	
MSD-03	2021-09-22	5461.30	8.72	5452.58	Alluvium	
MSD-03	2021-10-27	5461.30	8.84	5452.46	Alluvium	
MSD-03	2021-11-30	5461.30	8.94	5452.36	Alluvium	
MSD-03	2021-12-20	5461.30	9.01	5452.29	Alluvium	
MSD-04	2021-01-28	5463.63	9.98	5453.65	Bedrock	
MSD-04	2021-02-26	5463.63	10.12	5453.51	Bedrock	
MSD-04	2021-03-31	5463.63	9.97	5453.66	Bedrock	
MSD-04	2021-04-19	5463.63	9.97	5453.66	Bedrock	
MSD-04	2021-05-27	5463.63	9.82	5453.81	Bedrock	
MSD-04	2021-06-29	5463.63	9.96	5453.67	Bedrock	
MSD-04	2021-07-27	5463.63	9.99	5453.64	Bedrock	
MSD-04	2021-08-26	5463.63	9.86	5453.77	Bedrock	
MSD-04	2021-09-22	5463.63	9.96	5453.67	Bedrock	
MSD-04	2021-10-27	5463.63	10.08	5453.55	Bedrock	
MSD-04	2021-11-30	5463.63	10.20	5453.43	Bedrock	
MSD-04	2021-12-20	5463.63	10.29	5453.34	Bedrock	
MSD-05	2021-01-28	5461.28	10.64	5450.64	Undef	
MSD-05	2021-02-26	5461.28	10.81	5450.47	Undef	
MSD-05	2021-03-31	5461.28	10.62	5450.66	Undef	
MSD-05	2021-04-19	5461.28	10.62	5450.66	Undef	
MSD-05	2021-05-27	5461.28	10.48	5450.80	Undef	
MSD-05	2021-06-29	5461.28	10.80	5450.48	Undef	
MSD-05	2021-07-27	5461.28	10.86	5450.42	Undef	
MSD-05	2021-08-26	5461.28	10.70	5450.58	Undef	
MSD-05	2021-09-22	5461.28	10.79	5450.49	Undef	
MSD-05	2021-10-27	5461.28	10.83	5450.45	Undef	
MSD-05	2021-11-30	5461.28	10.91	5450.37	Undef	
MSD-05	2021-12-20	5461.28	10.98	5450.30	Undef	
MSD-3A	2021-01-27	5444.36			uSBC	Dry
MSD-3A	2021-02-26	5444.36			uSBC	Dry channel is snow covered.
MSD-3A	2021-03-30	5444.36			uSBC	Dry
MSD-3A	2021-04-20	5444.36			uSBC	Dry
MSD-3A	2021-05-28	5444.36			uSBC	Dry
MSD-3A	2021-06-28	5444.36			uSBC	Dry at 0.14 ft
MSD-3A	2021-07-27	5444.36			uSBC	Channel is dry.
MSD-3A	2021-08-26	5444.36			uSBC	Dry at 0.14 ft.
MSD-3A	2021-09-21	5444.36			uSBC	Dry at 0.14 ft.
MSD-3A	2021-10-28	5444.36			uSBC	Dry at 0.04 ft
MSD-3A	2021-11-30	5444.36			uSBC	Dry
MSD-3A	2021-12-21	5444.36			uSBC	Dry
MSD-HAB	2021-01-27	5459.31			uSBC	Frozen at 2.04 feet

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
MSD-HAB	2021-02-26	5459.31			uSBC	Dry
MSD-HAB	2021-03-30	5459.31	0.99	5460.30	uSBC	
MSD-HAB	2021-04-20	5459.31	0.96	5460.27	uSBC	
MSD-HAB	2021-05-28	5459.31	0.98	5460.29	uSBC	
MSD-HAB	2021-06-28	5459.31	0.69	5460.00	uSBC	
MSD-HAB	2021-07-27	5459.31	0.78	5460.09	uSBC	
MSD-HAB	2021-08-26	5459.31	0.80	5460.11	uSBC	
MSD-HAB	2021-09-21	5459.31			uSBC	Dry at 0.68 ft.
MSD-HAB	2021-10-28	5459.31			uSBC	Dry at 0.68 ft
MSD-HAB	2021-11-30	5459.31			uSBC	Dry
MSD-HAB	2021-12-21	5459.31			uSBC	Dry
MSDSG-02	2021-01-28	5444.37			BTC WL	Frozen at 1.64 feet
MSDSG-02	2021-02-26	5444.37	1.84	5446.21	BTC WL	
MSDSG-02	2021-03-30	5444.37			BTC WL	Ice at 1.52 ft
MSDSG-02	2021-04-20	5444.37	1.58	5445.95	BTC WL	
MSDSG-02	2021-05-28	5444.37	1.56	5445.93	BTC WL	
MSDSG-02	2021-06-28	5444.37	1.31	5445.68	BTC WL	
MSDSG-02	2021-07-27	5444.37	1.30	5445.67	BTC WL	
MSDSG-02	2021-08-26	5444.37	1.45	5445.82	BTC WL	
MSDSG-02	2021-09-21	5444.37	1.48	5445.85	BTC WL	
MSDSG-02	2021-10-28	5444.37	1.49	5445.86	BTC WL	
MSDSG-02	2021-11-30	5444.37	1.48	5445.85	BTC WL	Ice
MSDSG-02	2021-12-21	5444.37			BTC WL	Frozen @ 1.5 ft.
MSDSG-03	2021-01-27	5444.24			BTC WL	Frozen at 2.34 feet.
MSDSG-03	2021-02-26	5444.24			BTC WL	Frozen at 2.81 ft.
MSDSG-03	2021-03-30	5444.24			BTC WL	Ice at 2.10 ft
MSDSG-03	2021-04-20	5444.24	1.98	5446.22	BTC WL	
MSDSG-03	2021-05-28	5444.24	2.04	5446.28	BTC WL	
MSDSG-03	2021-06-28	5444.24	1.89	5446.13	BTC WL	
MSDSG-03	2021-07-27	5444.24	1.86	5446.10	BTC WL	
MSDSG-03	2021-08-26	5444.24	1.93	5446.17	BTC WL	
MSDSG-03	2021-09-21	5444.24	1.97	5446.21	BTC WL	
MSDSG-03	2021-10-28	5444.24	1.98	5446.22	BTC WL	
MSDSG-03	2021-11-30	5444.24	2.04	5446.28	BTC WL	Ice.
MSDSG-03	2021-12-21	5444.24			BTC WL	Frozen at 2.16 ft.
MSDSG-04	2021-01-27	5445.86			BTC WL	Frozen at 2.46 feet
MSDSG-04	2021-02-26	5445.86	2.44	5448.30	BTC WL	
MSDSG-04	2021-03-30	5445.86			BTC WL	Ice at 2.48 ft
MSDSG-04	2021-04-20	5445.86	2.60	5448.46	BTC WL	
MSDSG-04	2021-05-28	5445.86	2.41	5448.27	BTC WL	
MSDSG-04	2021-06-28	5445.86	2.36	5448.22	BTC WL	
MSDSG-04	2021-07-27	5445.86	2.30	5448.16	BTC WL	
MSDSG-04	2021-08-26	5445.86	2.42	5448.28	BTC WL	
MSDSG-04	2021-09-21	5445.86	2.42	5448.28	BTC WL	
MSDSG-04	2021-10-28	5445.86	2.61	5448.47	BTC WL	
MSDSG-04	2021-11-30	5445.86	2.62	5448.48	BTC WL	Ice on top of water
MSDSG-04	2021-12-21	5445.86			BTC WL	Frozen at 2.62 ft.
MSDSG-05	2021-01-27	5441.98	1.70	5443.68	BTC WL	
MSDSG-05	2021-02-26	5441.98	1.68	5443.66	BTC WL	
MSDSG-05	2021-03-30	5441.98	1.88	5443.86	BTC WL	
MSDSG-05	2021-04-20	5441.98	1.88	5443.86	BTC WL	
MSDSG-05	2021-05-28	5441.98	1.95	5443.93	BTC WL	
MSDSG-05	2021-06-28	5441.98	1.66	5443.64	BTC WL	
MSDSG-05	2021-07-27	5441.98	1.78	5443.76	BTC WL	
MSDSG-05	2021-08-26	5441.98	2.08	5444.06	BTC WL	
MSDSG-05	2021-09-21	5441.98	2.02	5444.00	BTC WL	
MSDSG-05	2021-10-28	5441.98	1.99	5443.97	BTC WL	
MSDSG-05	2021-11-30	5441.98	1.94	5443.92	BTC WL	
MSDSG-05	2021-12-21	5441.98	1.85	5443.83	BTC WL	
MW2-CGSB3	2021-01-27	5467.88	22.93	5444.95	Alluvium	
MW2-CGSB3	2021-03-31	5467.88			Alluvium	Did not check this location per safety.
MW2-CGSB3	2021-04-20	5467.88			Alluvium	Did not check this location per safety
MW2-CGSB3	2021-05-27	5467.88			Alluvium	Not checked due to safety concerns.
MW2-CGSB3	2021-07-27	5467.88			Alluvium	Did not measure due to safety concerns.
MW2-CGSB3	2021-09-22	5467.88			Alluvium	Cannot access safely.
MW2-CGSB3	2021-10-27	5467.88			Alluvium	Cannot safely access
MW2-CGSB3	2021-11-30	5467.88			Alluvium	Cannot safely access.
MW2-CGSB3	2021-12-20	5467.88			Alluvium	Cannot access due to safety concerns.
MW-G-96	2021-01-27	5480.05	19.22	5460.83	Alluvium	
MW-G-96	2021-02-25	5480.05	19.71	5460.34	Alluvium	
MW-G-96	2021-03-30	5480.05	19.54	5460.51	Alluvium	
MW-G-96	2021-04-19	5480.05	19.44	5460.61	Alluvium	
MW-G-96	2021-05-27	5480.05	18.94	5461.11	Alluvium	
MW-G-96	2021-06-29	5480.05	18.11	5461.94	Alluvium	
MW-G-96	2021-07-26	5480.05	17.64	5462.41	Alluvium	
MW-G-96	2021-08-26	5480.05	17.44	5462.61	Alluvium	
MW-G-96	2021-09-21	5480.05	18.03	5462.02	Alluvium	
MW-G-96	2021-10-27	5480.05	19.13	5460.92	Alluvium	
MW-G-96	2021-11-29	5480.05	19.95	5460.10	Alluvium	
MW-G-96	2021-12-20	5480.05	20.24	5459.81	Alluvium	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
MW-H-96	2021-01-27	5462.71	21.17	5441.54	Alluvium	
MW-H-96	2021-02-25	5462.71	21.35	5441.36	Alluvium	
MW-H-96	2021-03-30	5462.71	21.21	5441.50	Alluvium	
MW-H-96	2021-04-19	5462.71	21.11	5441.60	Alluvium	
MW-H-96	2021-05-27	5462.71	21.08	5441.63	Alluvium	
MW-H-96	2021-06-29	5462.71	20.92	5441.79	Alluvium	
MW-H-96	2021-07-26	5462.71	20.93	5441.78	Alluvium	
MW-H-96	2021-08-26	5462.71	20.97	5441.74	Alluvium	
MW-H-96	2021-09-21	5462.71	21.03	5441.68	Alluvium	
MW-H-96	2021-10-27	5462.71	21.27	5441.44	Alluvium	
MW-H-96	2021-11-29	5462.71	21.49	5441.22	Alluvium	
MW-H-96	2021-12-20	5462.71	21.60	5441.11	Alluvium	
RLP-W	2021-01-27	5424.62			SW	Frozen at 1.14 feet
RLP-W	2021-02-26	5424.62			SW	Frozen
RLP-W	2021-03-30	5424.62			SW	Frozen at 2.75 ft
RLP-W	2021-04-20	5424.62			SW	SG has fallen over.
RLP-W	2021-05-28	5424.62			SW	SG has fallen over
RLP-W	2021-06-28	5424.62			SW	SG has fallen over
RLP-W	2021-07-27	5424.62			SW	Did not check due to safety concerns.
RLP-W	2021-09-21	5424.62			SW	Cannot access due to safety concerns.
RLP-W	2021-10-28	5424.62			SW	Cannot access due to safety concerns
RLP-W	2021-11-30	5424.62			SW	Cannot access due to safety concerns
RLP-W	2021-12-21	5424.62			SW	Cannot access due to safety concerns.
SBC Sed B-8	2021-01-27	5438.14	0.99	5439.13	SBC	
SBC Sed B-8	2021-02-26	5438.14	0.95	5439.09	SBC	
SBC Sed B-8	2021-03-30	5438.14	1.18	5439.32	SBC	
SBC Sed B-8	2021-04-20	5438.14	1.20	5439.34	SBC	
SBC Sed B-8	2021-05-28	5438.14	1.27	5439.41	SBC	Plus or minus 0.01 ft.
SBC Sed B-8	2021-06-28	5438.14	0.99	5439.13	SBC	
SBC Sed B-8	2021-07-27	5438.14	0.98	5439.12	SBC	
SBC Sed B-8	2021-08-26	5438.14	1.04	5439.18	SBC	Plus or minus 0.01 ft.
SBC Sed B-8	2021-09-21	5438.14	0.98	5439.12	SBC	
SBC Sed B-8	2021-10-28	5438.14	1.08	5439.22	SBC	
SBC Sed B-8	2021-11-30	5438.14	0.74	5438.88	SBC	
SBC Sed B-8	2021-12-21	5438.14	1.00	5439.14	SBC	
SS-01	2021-01-27	5451.88	1.08	5452.96	BTC	
SS-01	2021-02-26	5451.88	1.09	5452.97	BTC	
SS-01	2021-03-30	5451.88	1.39	5453.27	BTC	
SS-01	2021-04-20	5451.88	1.36	5453.24	BTC	
SS-01	2021-05-28	5451.88	1.53	5453.41	BTC	
SS-01	2021-06-28	5451.88	1.01	5452.89	BTC	
SS-01	2021-07-27	5451.88	1.09	5452.97	BTC	
SS-01	2021-08-26	5451.88	1.34	5453.22	BTC	
SS-01	2021-09-21	5451.88	1.44	5453.32	BTC	
SS-01	2021-10-28	5451.88	1.48	5453.36	BTC	
SS-01	2021-11-30	5451.88	1.35	5453.23	BTC	
SS-01	2021-12-21	5451.88	1.24	5453.12	BTC	
SS-01.35	2021-01-27	5443.71	4.87	5448.58	BTC	
SS-01.35	2021-02-26	5443.71	4.86	5448.57	BTC	
SS-01.35	2021-03-30	5443.71	5.00	5448.71	BTC	
SS-01.35	2021-04-20	5443.71	4.98	5448.69	BTC	
SS-01.35	2021-05-28	5443.71	5.07	5448.78	BTC	
SS-01.35	2021-06-28	5443.71	4.78	5448.49	BTC	
SS-01.35	2021-07-27	5443.71	4.71	5448.42	BTC	
SS-01.35	2021-08-26	5443.71	4.88	5448.59	BTC	
SS-01.35	2021-09-21	5443.71	4.88	5448.59	BTC	
SS-01.35	2021-10-28	5443.71	5.44	5449.15	BTC	
SS-01.35	2021-11-30	5443.71	5.10	5448.81	BTC	
SS-01.35	2021-12-21	5443.71	4.86	5448.57	BTC	
SS-04	2021-01-27	5441.22	0.94	5442.16	BTC	
SS-04	2021-02-26	5441.22	0.88	5442.10	BTC	
SS-04	2021-03-30	5441.22	1.14	5442.36	BTC	
SS-04	2021-04-20	5441.22	1.16	5442.38	BTC	
SS-04	2021-05-28	5441.22	1.26	5442.48	BTC	
SS-04	2021-06-28	5441.22	0.98	5442.20	BTC	
SS-04	2021-07-27	5441.22	1.02	5442.24	BTC	
SS-04	2021-08-26	5441.22	1.04	5442.26	BTC	
SS-04	2021-09-21	5441.22	1.00	5442.22	BTC	
SS-04	2021-10-28	5441.22	1.08	5442.30	BTC	
SS-04	2021-11-30	5441.22	0.84	5442.06	BTC	
SS-04	2021-12-21	5441.22	0.94	5442.16	BTC	
SS-05	2021-01-27	5440.53	0.72	5441.25	SBC	
SS-05	2021-02-26	5440.53	0.84	5441.37	SBC	
SS-05	2021-03-30	5440.53	1.00	5441.53	SBC	
SS-05	2021-04-20	5440.53	1.00	5441.53	SBC	
SS-05	2021-05-28	5440.53	1.08	5441.61	SBC	
SS-05	2021-06-28	5440.53	0.81	5441.34	SBC	
SS-05	2021-07-27	5440.53	0.75	5441.28	SBC	
SS-05	2021-08-26	5440.53	0.83	5441.36	SBC	Plus or minus 0.01 ft.
SS-05	2021-09-21	5440.53	0.65	5441.18	SBC	Plus or minus 0.01 ft.

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
SS-05	2021-10-28	5440.53	0.86	5441.39	SBC	
SS-05	2021-11-30	5440.53	0.50	5441.03	SBC	
SS-05	2021-12-21	5440.53	0.84	5441.37	SBC	
SS-05.6	2021-01-27	5437.51	0.74	5438.25	SBC	
SS-05.6	2021-02-26	5437.51	0.70	5438.21	SBC	Plus or minus 0.01 ft.
SS-05.6	2021-03-30	5437.51	0.80	5438.31	SBC	
SS-05.6	2021-04-20	5437.51	0.91	5438.42	SBC	
SS-05.6	2021-05-28	5437.51	0.98	5438.49	SBC	
SS-05.6	2021-06-28	5437.51	0.77	5438.28	SBC	
SS-05.6	2021-07-27	5437.51	0.87	5438.38	SBC	
SS-05.6	2021-08-26	5437.51	0.91	5438.42	SBC	
SS-05.6	2021-09-21	5437.51	0.94	5438.45	SBC	
SS-05.6	2021-10-28	5437.51	0.97	5438.48	SBC	
SS-05.6	2021-11-30	5437.51	0.57	5438.08	SBC	
SS-05.6	2021-12-21	5437.51	0.79	5438.30	SBC	
SS-05.7	2021-01-27	5437.37	0.95	5438.32	SBC	
SS-05.7	2021-02-26	5437.37	0.89	5438.26	SBC	
SS-05.7	2021-03-30	5437.37	0.96	5438.33	SBC	
SS-05.7	2021-04-20	5437.37	1.06	5438.43	SBC	
SS-05.7	2021-05-28	5437.37	1.14	5438.51	SBC	
SS-05.7	2021-06-28	5437.37	0.93	5438.30	SBC	
SS-05.7	2021-07-27	5437.37	0.98	5438.35	SBC	
SS-05.7	2021-08-26	5437.37	1.08	5438.45	SBC	
SS-05.7	2021-09-21	5437.37	1.00	5438.37	SBC	
SS-05.7	2021-10-28	5437.37	1.11	5438.48	SBC	
SS-05.7	2021-11-30	5437.37	0.74	5438.11	SBC	
SS-05.7	2021-12-21	5437.37	1.00	5438.37	SBC	
SS-05.9R1	2021-01-27	5437.45	0.88	5438.33	SBC	
SS-05.9R1	2021-02-26	5437.45	0.80	5438.25	SBC	
SS-05.9R1	2021-03-30	5437.45	0.91	5438.36	SBC	
SS-05.9R1	2021-04-20	5437.45	1.00	5438.45	SBC	
SS-05.9R1	2021-05-28	5437.45	1.05	5438.50	SBC	
SS-05.9R1	2021-06-28	5437.45	0.83	5438.28	SBC	
SS-05.9R1	2021-07-27	5437.45	0.87	5438.32	SBC	
SS-05.9R1	2021-08-26	5437.45	0.95	5438.40	SBC	
SS-05.9R1	2021-09-21	5437.45	0.95	5438.40	SBC	
SS-05.9R1	2021-10-28	5437.45	0.96	5438.41	SBC	
SS-05.9R1	2021-11-30	5437.45	0.65	5438.10	SBC	
SS-05.9R1	2021-12-21	5437.45	0.88	5438.33	SBC	
SS-05A	2021-01-27	5436.44	0.67	5437.11	SBC	
SS-05A	2021-02-26	5436.44	0.51	5436.95	SBC	
SS-05A	2021-03-30	5436.44	0.76	5437.20	SBC	
SS-05A	2021-04-20	5436.44	0.91	5437.35	SBC	
SS-05A	2021-05-28	5436.44	0.99	5437.43	SBC	
SS-05A	2021-06-28	5436.44	0.67	5437.11	SBC	
SS-05A	2021-07-27	5436.44	0.63	5437.07	SBC	
SS-05A	2021-08-26	5436.44	0.75	5437.19	SBC	Plus or minus 0.01 ft.
SS-05A	2021-09-21	5436.44	0.80	5437.24	SBC	
SS-05A	2021-10-28	5436.44	0.79	5437.23	SBC	Plus or minus 0.01 ft.
SS-05A	2021-11-30	5436.44	0.41	5436.85	SBC	
SS-05A	2021-12-21	5436.44	0.73	5437.17	SBC	
SS-05B	2021-01-27	5434.96	1.50	5436.46	SBC	
SS-05B	2021-02-26	5434.96	1.17	5436.13	SBC	
SS-05B	2021-03-30	5434.96	1.62	5436.58	SBC	level misread without the 1 ft mark.
SS-05B	2021-04-20	5434.96	1.72	5436.68	SBC	
SS-05B	2021-05-28	5434.96	1.80	5436.76	SBC	
SS-05B	2021-06-28	5434.96	1.49	5436.45	SBC	Plus or minus 0.01 ft.
SS-05B	2021-07-27	5434.96	0.45	5435.41	SBC	SG reading is suspect, continuous recorder indicates level of water to be approximately 1.44 ft.
SS-05B	2021-08-26	5434.96	1.56	5436.52	SBC	
SS-05B	2021-09-21	5434.96	1.60	5436.56	SBC	
SS-05B	2021-10-28	5434.96	1.58	5436.54	SBC	
SS-05B	2021-11-30	5434.96	1.21	5436.17	SBC	
SS-05B	2021-12-21	5434.96	1.54	5436.50	SBC	
SS-06A	2021-01-27	5430.98	0.46	5431.44	SBC	
SS-06A	2021-02-26	5430.98	0.18	5431.16	SBC	
SS-06A	2021-03-30	5430.98	0.60	5431.58	SBC	Plus or minus 0.01 ft.
SS-06A	2021-04-20	5430.98	0.62	5431.60	SBC	
SS-06A	2021-05-28	5430.98	0.70	5431.68	SBC	
SS-06A	2021-06-28	5430.98	0.45	5431.43	SBC	
SS-06A	2021-07-27	5430.98	0.37	5431.35	SBC	Plus or minus 0.01 ft.
SS-06A	2021-08-26	5430.98	0.48	5431.46	SBC	Plus or minus 0.01 ft.
SS-06A	2021-09-21	5430.98	0.48	5431.46	SBC	
SS-06A	2021-10-28	5430.98	0.53	5431.51	SBC	Plus or minus 0.01 ft.
SS-06A	2021-11-30	5430.98	0.22	5431.20	SBC	
SS-06A	2021-12-21	5430.98	0.48	5431.46	SBC	Plus or minus 0.02 ft.
SS-06F	2021-01-27	5419.90	0.66	5420.56	SBC	
SS-06F	2021-02-26	5419.90	0.41	5420.31	SBC	
SS-06F	2021-03-30	5419.90	0.80	5420.70	SBC	Plus or minus 0.01 ft.
SS-06F	2021-04-20	5419.90	0.78	5420.68	SBC	

Table 6. BPSOU 2021 Groundwater Elevations

Location	Monitoring Date	MP Elev (NAVD88 ft)	DTW or Stage Reading (ft)	WL Elev (NAVD88 ft)	Aquifer	Notes
SS-06F	2021-05-28	5419.90	0.90	5420.80	SBC	
SS-06F	2021-06-28	5419.90	0.64	5420.54	SBC	Plus or minus 0.01 ft.
SS-06F	2021-07-27	5419.90	0.56	5420.46	SBC	
SS-06F	2021-08-26	5419.90	0.65	5420.55	SBC	
SS-06F	2021-09-21	5419.90	0.62	5420.52	SBC	
SS-06F	2021-10-28	5419.90	0.68	5420.58	SBC	
SS-06F	2021-11-30	5419.90	0.41	5420.31	SBC	
SS-06F	2021-12-21	5419.90	0.54	5420.44	SBC	
SS-06GR2	2021-01-27	5417.54	0.45	5417.99	SBC	Plus or minus 0.01 ft.
SS-06GR2	2021-02-26	5417.54	0.29	5417.83	SBC	
SS-06GR2	2021-04-20	5417.54	0.57	5418.11	SBC	
SS-06GR2	2021-05-28	5417.54	0.62	5418.16	SBC	Plus or minus 0.02 ft.
SS-06GR2	2021-06-28	5417.54	0.45	5417.99	SBC	
SS-06GR2	2021-07-27	5417.54	0.40	5417.94	SBC	
SS-06GR2	2021-08-26	5417.54	0.47	5418.01	SBC	
SS-06GR2	2021-09-21	5417.54	0.44	5417.98	SBC	Plus or minus 0.01 ft.
SS-06GR2	2021-10-28	5417.54	0.48	5418.02	SBC	
SS-06GR2	2021-11-30	5417.54	0.30	5417.84	SBC	
SS-06GR2	2021-12-21	5417.54	0.41	5417.95	SBC	
SS-06H	2021-01-27	5416.58	0.80	5417.38	SBC	
SS-06H	2021-02-26	5416.58	0.60	5417.18	SBC	
SS-06H	2021-03-30	5416.58	0.94	5417.52	SBC	
SS-06H	2021-04-20	5416.58	0.95	5417.53	SBC	
SS-06H	2021-05-28	5416.58	1.03	5417.61	SBC	Plus or minus 0.01 ft.
SS-06H	2021-06-28	5416.58	0.84	5417.42	SBC	
SS-06H	2021-07-27	5416.58	0.77	5417.35	SBC	
SS-06H	2021-08-26	5416.58	0.82	5417.40	SBC	
SS-06H	2021-09-21	5416.58	0.79	5417.37	SBC	
SS-06H	2021-10-28	5416.58	0.85	5417.43	SBC	
SS-06H	2021-11-30	5416.58	0.59	5417.17	SBC	
SS-06H	2021-12-21	5416.58	0.72	5417.30	SBC	
SS-07	2021-01-27	5415.14	1.64	5416.78	SBC	
SS-07	2021-02-26	5415.14	1.45	5416.59	SBC	
SS-07	2021-03-30	5415.14	1.76	5416.90	SBC	
SS-07	2021-04-20	5415.14	1.78	5416.92	SBC	
SS-07	2021-05-28	5415.14	1.91	5417.05	SBC	
SS-07	2021-06-28	5415.14	1.78	5416.92	SBC	
SS-07	2021-07-27	5415.14	1.74	5416.88	SBC	
SS-07	2021-08-26	5415.14	1.74	5416.88	SBC	
SS-07	2021-09-21	5415.14	1.64	5416.78	SBC	
SS-07	2021-10-28	5415.14	1.70	5416.84	SBC	
SS-07	2021-11-30	5415.14	1.48	5416.62	SBC	
SS-07	2021-12-21	5415.14	1.58	5416.72	SBC	

Table 7. Operations and Maintenance - Observed Well Effects

Start Date or Observation Date	End Date or Observation Date	Potentially Affected Continuously Recording Site(s)	Event
01/01/21	12/31/21	AMC-24B, AMC-24C, AMW-02, AMW-13A, AMW-13B, AMW-13C, BMW-03A, BMW-03B, BPS07-03A, BPS07-07, BPS07-17A, BPS07-18A, BPS07-18B, BPS07-21, BPS07-21B, BPS07-21C, BPS07-22B, BPS07-22C, BPS07-22R, BPS07-23, BPS07-24, BPS11-10B, BPS11-10C, GS-08R, GS-30D, GS-32S, HCA-B1, SS-05.7, SS-05.9R1	Intermittent BMFOU discharge affected the hydrograph throughout the year.
01/28/21	01/28/21	BRW-00	Pioneer Technical Services operator switched flow from HCC to BRW during intermittent jetting of the BPSOU subdrain on 01/28/21.
01/28/21	01/28/21	AMC-24B, BPS07-03A, BPS07-21B, BPS07-21C, BPS07-22B, BPS07-24, BPS11-10B, BPS11-10C, GS-09R, GS-30D, GS-30S, GS-31S, GS-32D, GS-32S, HCA-B1, MF-08, MF-10, MSD-02B	Intermittent jetting of the BPSOU subdrain by Pioneer Technical Services.
03/02/21	03/11/21	BPS07-24, GS-08R, GS-09R, GS-30D, GS-30S, GS-31S, GS-32D, GS-32S, MF-08, MF-10	Pioneer Technical Services conducting long-term pump testing in Diggings East.
04/2021	12/31/21	AMW-01A, AMW-01B, AMW-01C, BPS07-11A, BPS07-11B	Intermountain Construction Services dewatering for Parrott Tailings removal.
06/15/21	06/17/21	AMC-24B, AMW-13B, BPS07-03A, BPS07-07, BPS07-21B, BPS07-21C, BPS07-22B, BPS07-24, BPS11-10B, GS-30D, GS-30S, GS-32D, GS-32S, MF-07, MF-08, MH-MSD113, MH-MSD116, MSD-02A, MSD-02B	Intermittent jetting of the BPSOU subdrain by Pioneer Technical Services.
06/21/21	07/26/21	AMW-013A	Irrigation problems at the Chamber of Commerce.
08/25/21	08/27/21	AMC-24B, BPS07-21B, BPS11-10B	Pioneer Technical Services drilling/ developing production well in Diggings East.
09/20/21	09/21/21	AMC-24B, AMC-24C, AMW-13B, AMW-13C, BPS07-03A, BPS07-07, BPS07-21B, BPS07-21C, BPS07-22B, BPS07-22C, BPS07-24, BPS11-10B, BPS11-10C, MF-08, MF-10	Pioneer Technical Services conducting step drawdown test in Diggings East.
10/12/21	10/14/21	AMC-24B, AMW-01A, AMW-01B, AMW-13B, BPS07-03A, BPS07-07, BPS07-21B, BPS07-21C, BPS07-22B, BPS07-22R, BPS07-24, BPS11-10B, GS-30D, GS-30S, GS-32D, GS-32S, MF-07, MF-08, MF-10, MH-MSD113, MH-MSD116, MSD-02A	Intermittent jetting of the BPSOU subdrain by Pioneer Technical Services.
12/14/21	12/14/21	BMW-06B, CT NW-3	BSB discharging water from Silver Lake line to HCC.

FIGURES

BPSOU 2021 GW DSR Figures

Figure 1. BPSOU Data Summary Report Groundwater Monitoring Network

Figure 2. BPSOU Water Quality – Spring 2021 – Arsenic Concentrations

Figure 3. BPSOU Water Quality – Spring 2021 – Cadmium Concentrations

Figure 4. BPSOU Water Quality – Spring 2021 – Copper Concentrations

Figure 5. BPSOU Water Quality – Spring 2021 – Mercury Concentrations

Figure 6. BPSOU Water Quality – Spring 2021 – Lead Concentrations

Figure 7. BPSOU Water Quality – Spring 2021 – Zinc Concentrations

Figure 8. BPSOU Water Quality – Fall 2021 – Arsenic Concentrations

Figure 9. BPSOU Water Quality – Fall 2021 – Cadmium Concentrations

Figure 10. BPSOU Water Quality – Fall 2021 – Copper Concentrations

Figure 11. BPSOU Water Quality – Fall 2021 – Mercury Concentrations

Figure 12. BPSOU Water Quality – Fall 2021 – Lead Concentrations

Figure 13. BPSOU Water Quality – Fall 2021 – Zinc Concentrations

APPENDICES

Appendix A – Field Notes

Appendix B – Data Quality Assessment

Appendix C – BPSOU Continual Groundwater Level Records

Appendix D – Raw Data

Appendix A: Field Notes
BPSOU 2021 GW DSR Appendix A

Appendix B: Data Quality Assessment
[BPSOU 2021 GW DSR Appendix B](#)

Appendix C: BPSOU Continual Groundwater Level Records
[BPSOU 2021 GW DSR Appendix C](#)

Appendix D: Raw Data
BPSOU 2021 GW DSR Appendix D