WSI Weiland, Inc.
Environmental & Engineering

4/10/2023

Eric Scott
Colorado Division of Reclamation Mining & Safety (DRMS)
1313 Sherman St., Room 215
Denver, CO 80203

Re: Amen Aggregate Resource (AAR) M-2019-025 Technical Revision Groundwater Monitoring Plan

Eric,

This Technical Revision has been prepared for the purpose of satisfying MLRB Rule 3.1.6 and 3.1.7. For the purpose of establishing pre-mining baseline groundwater elevations, Exhibit G-1 Groundwater Elevation Contour Map has been prepared based on:

- 32 test hole borings completed by Landmark Engineering (April 2018)
- 3 onsite existing wells EW-1, EW-2, EW-3 (April 2018)
- 3 monitor wells LRM-MW-1, LRM-MW-2, LRM-MW-3, to the south collected by Loveland Ready Mix for Permit M-2001-022 (April 2018),
- 2 Terracon Test Borings B-2, B3 at the WCR 54 bridge (Jan 2020)
- Surveyed river water surface elevations (April 2018)
- Regional groundwater elevation contours published in 1998, USGS. **Front Range Infrastructure Resources Project Fact Sheet** 126-98, https://doi.org/10.3133/fs12698)

To establish some upgradient water quality data, a COGCC groundwater water quality sampling site was found to occur ~1442 ft SW of the AAR site (Exhibit G WQ Loveland 170`537-A Sample Site (COGCC). The analytical data for this site has been enclosed.

In addition, Terracon will be contracted to install 6 observation wells and 4 water quality monitor wells as described in the Scope of Work and shown in Exhibit 1 of ***Terracon Proposal for Groundwater Well Installation and Sampling Amen Aggregate Resource*** (Terracon Scope).

PO BOX 18087, BOULDER, CO 80308
ph 303-443-9521

The water level and water quality monitoring plan is as follows:

1. Terracon will collect and analyze water quality samples from each of the 4 wells to establish onsite baseline water quality conditions down gradient of the proposed mine cells at MW-1, MW-2, MW-3 and MW-4. The water quality analysis criteria his considered Agricultural.
2. Weiland, Inc will survey well head elevations and measure water level elevations quarterly in all wells throughout the life of the mine and 1 year following reclamation. The water level elevation data will be submitted to the DRMS annually with the annual reports.
3. Weiland Inc. will prepare a Technical Revision which will include the design and specifications for underdrain pipelines for the areas south of Cell 2 and Cell 3. Should post mining water level elevations exceed pre-mining elevations by 2ft or more then additional underdrain pipelines will be designed, specified and installed.
4. Within 6 months of reclamation of a mining area, Weiland, Inc. will collect post mining Water Quality data from each of the 4 wells and submit it to a qualified lab to sample for the same agricultural analytes.

Peter Wayland
President

Encl. ***Terracon Proposal for Groundwater Well Installation and Sampling Amen Aggregate Resource*** , Exhibit G-1 Groundwater Elevation Contour Map, Exhibit GWQ LOVELAND 170537-A SAMPLE SITE (COGCC), Loveland 170537-A Groundwater Analysis Data (COGCC).

1901 Sharp Point Dr Ste C
Fort Collins, CO 80525
P 970-484-0359
F 970-484-0454
Terracon.com

March 27, 2023
Coulson Excavating
3609 North County Road 13
Loveland, Colorado 80538

Attn: Mr. Ken Coulson
P: (970) 667-2178
E: ken@coulsonex.com

Re: Proposal for Groundwater Well Installation and Sampling
Amen Aggregate Resource
Weld County Road 54
Weld County, Colorado
Terracon Proposal No. P21237008

Dear Mr. Coulson:

Terracon Consultants, Inc. (Terracon) is pleased to submit this proposal to Coulson Excavating (Client) to perform provide Groundwater Well Installation and Sampling Services for your site located at the northeast corner of the intersection of Weld County Road 54 and County Road 1 near Greeley, Weld County, Colorado (site). The following sections provide an outline of the project and Terracon's proposed scope of services, including schedule, and compensation.

1.0 PROJECT INFORMATION

The site is located along the north side of Weld County Road 54, east of the intersection of County Road 1 near Greeley, Weld County, Colorado. The site consists of an approximately 200-acre tract of land identified as Weld County Parcel No. 095719300061 and 095719400002. Terracon understands that the site is the location of a proposed gravel pit known as Amen Aggregate Resource. A site map is attached as Exhibit 1.

2.0 SCOPE OF SERVICES

Terracon understands that the project will require observation and groundwater monitoring wells associated with a proposed gravel pit. Terracon further understands that permitting and other project related components will be completed by others. This proposal outlines the anticipated scope of work based on information provided by Weiland, Inc.

2.1 Commitment to Safety

Terracon is fully committed to the safety of all its employees. As such, and in accordance with our Incident and Injury Free® (IIF®) safety culture, Terracon will develop a health and safety plan to be used by our personnel during field services. Prior to commencement of on-site activities, Terracon will hold a meeting to review health and safety needs for this specific project. At this time, we anticipate performing fieldwork in a US Occupational Safety and Health Administration (OSHA), Level D work uniform consisting of hard hats, safety glasses, protective gloves, and steel-toed boots. It may become necessary to upgrade this level of protection, at additional cost, while sampling activities are being conducted in the event that petroleum or chemical constituents are encountered in soils or groundwater that present an increased risk for personal exposure.

A 48-hour notice-of-intent to advance the borings will be filed with the Colorado 811 Utility Notification Service to identify the public subsurface utilities at the site. In addition, Terracon will contact a private utility locating service to further clear the drilling locations.

2.2 Monitoring Well Installation

Terracon proposes to advance nine (9) soil borings utilizing a hollow stem auger (HSA) drill rig at the site for the installation of groundwater monitoring wells at each soil boring location. Terracon has included costs for the installation of five (5) observation wells (OW-1 through OW-5) and four (4) groundwater monitoring wells (MW-1 through MW-4) in the soil borings to assess the groundwater at the site. The proposed monitoring well locations, which were identified and provided to Terracon, are included on Exhibit 1. It is requested that the proposed well locations be surveyed and field located by the client prior to drilling.

The inferred depth to groundwater is estimated to be between 10 to 20 feet below ground surface (bgs) and will vary across the site. The proposed monitoring wells will be drilled to a depth of approximately 20 feet bgs, boring refusal, bedrock encounter, or five feet below the initial water table. The construction specifications of the monitoring wells are presented in more detail below. A qualified well driller with field oversight from a Terracon scientist will perform these environmental drilling services. Soil cuttings will be observed during advancement of the soil borings to document lithology and color for the preparation of boring logs.

Terracon will file a "Notice of Intent" to complete the monitoring wells with the Colorado State Engineers Office (SEO). If the proposed groundwater monitoring wells are to remain onsite for more than 1 year, the SEO will require the monitoring wells to be permitted. Following completion of the investigation, the borings will be required to be abandoned and boring abandonment reports filed with the SEO. Costs for monitoring well permitting and monitoring well abandonment are not included in this proposal, as it is not known at this time how long the monitoring wells may be needed after initial sampling. If the client expects the monitoring wells will need to be permitted, Terracon can provide a proposal cost for these services.

The proposed groundwater monitoring wells will be constructed with a 10-foot length of 2.0-inch diameter, 0.010-inch slotted polyvinyl chloride (PVC) well screen and a 2.0-inch solid PVC riser to existing grade. A clean, 10/20 graded silica sand filter pack will be placed from the bottom of the well to approximately two feet above the top of well screen, followed by a hydrated bentonite chip annular seal to approximately one-half foot below ground surface. The monitoring wells will be fitted with J-plug well caps and outer steel protective casings with flush mount covers.

After the monitoring wells are installed, the physical location of the monitoring wells will be estimated using a GPS unit and/or measuring tape or measuring wheel from at least two fixed points on the site.

2.3 Groundwater Monitoring Well Development

Development of the four monitoring wells is a critical component of a groundwater assessment that includes collection of water samples. The sediment in the wells should be removed to the extent possible. The monitoring wells will be developed by surge blocking and/or bailing of the groundwater with a dedicated disposable bailer and/or submersible well pump. Redevelopment of the wells will continue until measurements of

pH, specific conductivity, turbidity and temperature have stabilized, ten well casing volumes, and/or the turbidity is below 50 Nephelometeric turbidity units (NTU). The color of the purge water and any odors will be noted. The purge water will be discharged to the surface during development.

Following development, the monitoring wells must be allowed to stabilize for at least 24 hours prior to sampling to ensure a sufficiently representative sample is collected. Terracon personnel will remobilize to the site following the 24-hour stabilization period to collect the groundwater samples.

2.4 Groundwater Sampling

One groundwater sample will be collected from each of the four monitoring wells for laboratory analysis for the parameters listed in Code of Colorado Regulations 5 CCR 1002-41, Table 3 Agricultural Standards, included as an attachment to this proposal.

The groundwater sample will be submitted to a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory for analysis following standard chain-of-custody procedures. The sample will be handled and processed at all times by personnel wearing clean nitrile gloves. Sampling equipment will be cleaned prior to project commencement and before beginning each sampling location. Non-dedicated sampling equipment will be cleaned using an Alconox® detergent wash and potable water rinse prior to commencement of the project.

2.5 Report

Following site activities and receipt of the laboratory analytical results, a report will be prepared that will include the following:

- Documentation of field activities;
- Site plan showing pertinent site features;
- Soil boring/monitoring well logs;
- Analytical laboratory results; and
- Presentation of findings

The final written report will reflect results and findings, and, as such, will take precedence over any verbal reports that Terracon personnel may have provided. The analysis and comments presented in the final written report will be based on the information collected as discussed in this proposal.

3.0 SCHEDULE

Terracon is ready to begin the proposed work upon receipt of the written notice to proceed (NTP). Based on current contractor availability, it is anticipated that drilling activities can be completed in May. Groundwater well installation is anticipated to be completed in three working days. Groundwater levels will be measured at least 24-hours following well installation, followed by development and sampling of the groundwater monitoring wells which will require two additional working days. The actual project schedule will be based on the availability of environmental drillers and other subcontractors. If schedule delays are anticipated based on subcontractor availability, weather, and/or encountered site conditions, the client will be contacted to discuss changes in the schedule. Standard analytical laboratory turnaround is seven business days. If you would like expedited laboratory turnaround, contact us for the options and associated fees.

4.0 GENERAL COMMENTS

Terracon's services will be performed in a manner consistent with generally accepted practices of the professional undertaken in similar studies in the same geographic area during the same period. Terracon makes no warranties, expressed or implied, regarding its services, findings or conclusions. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These services will be performed in accordance with the scope of work agreed with you, our client, as set forth in this proposal.

Findings and conclusions resulting from these services will be based upon information derived from on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these or prior services, and we cannot represent that the site contains no hazardous substances, toxic substances, petroleum products, or other latent conditions beyond those identified during prior investigations. Subsurface conditions may vary from those encountered at specific borings

or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings and our recommendations are based solely upon data obtained at the time and within the scope of services

5.0 COMPENSATION

The scope of services outlined in this proposal will be performed on a Time & Materials basis with an estimated fee of [redacted]. If, as a result of these services, additional work is required outside the scope of this proposal, you will be contacted, and upon request, proposed costs for additional work will be provided. Authorization will be obtained prior to commencement of any additional work outside the scope of this proposal.

The fee is valid for 60 days from the date of this proposal. This proposal and cost estimate were prepared based on the assumptions defined below.

- The groundwater wells can be installed in three working days and can be developed and sampled in three working days; and
- Groundwater samples will be submitted to the analytical laboratory to be analyzed on a standard turnaround time (the samples may be rushed for an additional fee).

If any of these assumptions or conditions are not accurate or change during the project, the stated fee is subject to change. Please contact us immediately if you are aware of any inaccuracies in these assumptions and conditions, so we may revise the proposal or fee.

If our services are expanded beyond those outlined in this proposal, we will promptly notify you prior to incurring any additional expenses. A supplemental proposal stating the additional services and associated fees will be sent to you for approval. We will not proceed without your authorization, as evidenced by your signature on a new Task Order.

6.0 AUTHORIZATION

If this proposal meets with your approval, work may be initiated by returning a fully executed copy of the attached Agreement for Services to our Fort Collins office. The terms, conditions, and limitations stated in the Agreement for Services and sections of this

proposal incorporated therein, shall constitute the exclusive terms and conditions and services to be performed for this project. This proposal is valid only if authorized within 90-days from the listed proposal date.

We appreciate the opportunity to provide this proposal and look forward to working with you on this project. If you should have any questions or comments regarding this proposal, please contact either of the undersigned at (970) 484-0359.

Sincerely,

Terracon Consultants, Inc.

Christina L. Ruble
Environmental Department Manager

John C. Graves, P.G.
Senior Principal/Regional Manager

Attachments: Exhibit 1 – Monitoring Well Location Map
5 CCR 1002-41 Table 3 – Agricultural Standards
Agreement for Services

AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

Project Manager:	CLR
Drawn by:	CLR
Checked by:	JCG
Approved by:	JCG

Project No.	P2123700
Scale:	AS SHOWN
File Name:	Exhibit
Date:	3/22/2023

Terracon
1510 44th St Unit 1
Evans, CO 80620-3220

SITE DIAGRAM

Amen Aggregate Resource
Weld County Road 54
Weld County, Colorado

Exhibit

1

TABLE 2 **Domestic Water Supply – Drinking Water Standards**

Parameter	Standard
Chlorophenol	0.0002 mg/l
Chloride (Cl)[d]	250 mg/l
Color	15 color units
Copper (Cu)[d]	1 mg/l
Corrosivity	Noncorrosive
Foaming Agents	0.5 mg/l
Iron (Fe)[d]	0.3 mg/l
Manganese (Mn)[d]	0.05 mg/l
Odor	3 threshold odor numbers
pH	6.5 - 8.5
Phenol	0.3 mg/l
Sulfate (SO 4)[d]	250 mg/l
Zinc (Zn)[d]	5 mg/l

TABLE 3 **Agricultural Standards**

Parameter	Standard
Aluminum (Al)[d, f]	5 mg/l
Arsenic (As)[d]	0.1 mg/l
Beryllium (Be)[d]	0.1 mg/l
Boron (B)[d, g]	0.75 mg/l
Cadmium (Cd)[d]	0.01 mg/l
Chromium (Cr)[d]	0.1 mg/l
Cobalt (Co)[d]	0.05 mg/l
Copper (Cu)[d]	0.2 mg/l
Fluoride (F)[d]	2 mg/l
Iron (Fe)[d]	5 mg/l
Lead (Pb)[d, f]	0.1 mg/l
Lithium (Li)[d, h]	2.5 mg/l
Manganese (Mn)[d, j]	0.2 mg/l
Mercury (Hg)[d, f]	0.01 mg/l
Nickel (Ni)[d]	0.2 mg/l
Nitrite (NO2)[d, f]	10 mg/l as N
Nitrite & Nitrate (NO2 +NO3)[d, f]	100 mg/l as N
Selenium (Se)[d]	0.02 mg/l
Vanadium (V)[d]	0.1 mg/l
Zinc (Zn)[d]	2 mg/l
pH	6.5 - 8.5

Facility ID	Sample ID	Sample Date	Matrix	Lab ID	Lab Sample ID	Sampler	Method Code	ParamName	ParamDescription	Result Value	Units	Detection Limit	Qualifier
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	BART	IRB	BACTERIA IRON RELATED	35000	cfu/ml	25	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	BART	IRB	BACTERIA IRON RELATED	35000	cfu/ml	25	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	BART	IRB	BACTERIA IRON RELATED	35000	cfu/ml	25	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	BART	SLYM	BACTERIA SLIME FORMING	440000	cfu/ml	500	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	BART	SLYM	BACTERIA SLIME FORMING	440000	cfu/ml	500	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	BART	SLYM	BACTERIA SLIME FORMING	440000	cfu/ml	500	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	BART	SRB	BACTERIA SULFATE REDUCING	115000	cfu/ml	200	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	BART	SRB	BACTERIA SULFATE REDUCING	115000	cfu/ml	200	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	BART	SRB	BACTERIA SULFATE REDUCING	6000	cfu/ml	200	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7440-42-8	BORON	0.387	mg/L	0.05	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7440-42-8	BORON	0.387	mg/L	0.05	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7440-70-2	CALCIUM	143	mg/L	0.4	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7440-70-2	CALCIUM	143	mg/L	0.4	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7439-89-6	IRON	0.01	mg/L	0.01	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7439-89-6	IRON	0.01	mg/L	0.01	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7439-95-4	MAGNESIUM	79.6	mg/L	0.2	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7439-95-4	MAGNESIUM	79.6	mg/L	0.2	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7439-96-5	MANGANESE	2.14	mg/L	0.005	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7439-96-5	MANGANESE	2.14	mg/L	0.005	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	9/7/7440	POTASSIUM	20.2	mg/L	1	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	9/7/7440	POTASSIUM	20.2	mg/L	1	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7440-23-5	SODIUM	127	mg/L	0.4	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7440-23-5	SODIUM	127	mg/L	0.4	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7440-24-6	STRONTIUM	2.25	mg/L	0.005	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.7	7440-24-6	STRONTIUM	2.25	mg/L	0.005	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.8	7440-39-3	BARIUM	0.0853	mg/L	0.004	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.8	7440-39-3	BARIUM	0.0853	mg/L	0.004	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7440-39-3	BARIUM	0.0326	mg/L	0.004	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7440-42-8	BORON	0.228	mg/L	0.08	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7440-70-2	CALCIUM	52.6	mg/L	0.8	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7439-89-6	IRON	0.04	mg/L	0.04	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7439-95-4	MAGNESIUM	30.1	mg/L	0.2	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7439-96-5	MANGANESE	0.963	mg/L	0.002	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	9/7/7440	POTASSIUM	12.4	mg/L	0.4	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.8	7782-49-2	SELENIUM	0.0018	mg/L	0.0008	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E200.8	7782-49-2	SELENIUM	0.0018	mg/L	0.0008	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7782-49-2	SELENIUM	0.0008	mg/L	0.0008	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7440-23-5	SODIUM	53.3	mg/L	1	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E200.8	7440-24-6	STRONTIUM	0.763	mg/L	0.04	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	24959-67-9	BROMIDE	0.46	mg/L	0.25	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	24959-67-9	BROMIDE	0.46	mg/L	0.25	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E300.0	24959-67-9	BROMIDE	0.083	mg/L	0.05	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	16887-00-6	CHLORIDE	67.5	mg/L	2.5	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	16887-00-6	CHLORIDE	67.5	mg/L	2.5	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E300.0	16887-00-6	CHLORIDE	19.2	mg/L	1	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	16984-48-8	FLUORIDE	1	mg/L	0.5	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	16984-48-8	FLUORIDE	1	mg/L	0.5	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E300.0	16984-48-8	FLUORIDE	0.99	mg/L	0.1	

Facility ID	Sample ID	Sample Date	Matrix	Lab ID	Lab Sample ID	Sampler	Method Code	ParamName	ParamDescription	Result Value	Units	Detection Limit	Qualifier
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	14797-55-8	NITRATE	0.11	mg/L	0.05	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	14797-55-8	NITRATE	0.11	mg/L	0.05	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E300.0	14797-55-8	NITRATE	0.01	mg/L	0.01	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	NO2-NO3-N	NITRATE/NITRITE AS N	0.18	mg/L	0.07	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	NO2-NO3-N	NITRATE/NITRITE AS N	0.18	mg/L	0.07	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E300.0	14797-65-0	NITRITE	0.004	mg/L	0.004	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	14797-65-0-NO2	Nitrite as NO2	0.074	mg/L	0.02	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	14797-65-0-NO2	Nitrite as NO2	0.074	mg/L	0.02	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	14808-79-8	SULFATE	517	mg/L	13	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E300.0	14808-79-8	SULFATE	517	mg/L	13	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E300.0	14808-79-8	SULFATE	171	mg/L	5	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	E365.1	7723-14-0	PHOSPHORUS	0.057	mg/L	0.01	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	E365.1	7723-14-0	PHOSPHORUS	0.057	mg/L	0.01	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	E365.1	7723-14-0	PHOSPHORUS	0.063	mg/L	0.01	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	Field_DO	DISSOLVED OXYGEN FIELD	1.1	mg/L		
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	Field_DO	DISSOLVED OXYGEN FIELD	1.1	mg/L		
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	FIELD	Field_DO	DISSOLVED OXYGEN FIELD	0.77	mg/L		
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	OxRedPot	OXIDATION REDUCTION POTENTIAL	17.6	mV		
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	OxRedPot	OXIDATION REDUCTION POTENTIAL	17.6	mV		
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	FIELD	OxRedPot	OXIDATION REDUCTION POTENTIAL	87.9	mV		
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	Field_pH	pH FIELD	7.2	SU		
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	Field_pH	pH FIELD	7.2	SU		
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	FIELD	Field_pH	pH FIELD	7.2	SU		
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	Field_Cond	SPECIFIC CONDUCTIVITY FIELD	1890	MHOS/Cl	0.5	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	Field_Cond	SPECIFIC CONDUCTIVITY FIELD	1890	MHOS/Cl	0.5	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	FIELD	Field_Cond	SPECIFIC CONDUCTIVITY FIELD	744	MHOS/Cl	0.5	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	Field_Temp	TEMPERATURE FIELD	9.54	degrees C		
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	Field_Temp	TEMPERATURE FIELD	9.54	degrees C		
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	FIELD	Field_Temp	TEMPERATURE FIELD	15.06	degrees C		
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	10/8/2002	TURBIDITY	0.02	NTU		
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	FIELD	10/8/2002	TURBIDITY	0.02	NTU		
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	FIELD	10/8/2002	TURBIDITY	4.1	NTU		
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	RSK175	74-84-0	ETHANE	0.0008	mg/L	0.0016	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	RSK175	74-84-0	ETHANE	0.0008	mg/L	0.0016	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	RSK175	74-84-0	ETHANE	0.01	mg/L	0.016	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	RSK175	74-82-8	METHANE	0.0019	mg/L	0.0008	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	RSK175	74-82-8	METHANE	0.0019	mg/L	0.0008	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	RSK175	74-82-8	METHANE	0.0075	mg/L	0.008	J
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	RSK175	74-98-6	PROPANE	0.0011	mg/L	0.0022	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	RSK175	74-98-6	PROPANE	0.0011	mg/L	0.0022	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	RSK175	74-98-6	PROPANE	0.017	mg/L	0.022	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM1030	CAB	CATION - ANION BALANCE	4.5	%		
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM1030	CAB	CATION - ANION BALANCE	4.5	%		
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SM1030	CAB	CATION - ANION BALANCE	0.11	%		
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2320B	71-52-3	BICARBONATE ALKALINITY as CACO3	445	mg/L	5	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2320B	71-52-3	BICARBONATE ALKALINITY as CACO3	445	mg/L	5	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SM2320B	71-52-3	BICARBONATE ALKALINITY as CACO3	180	mg/L	5	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2320B	10/14/2000	CARBONATE ALKALINITY AS CACO3	5	mg/L	5	U

Facility ID	Sample ID	Sample Date	Matrix	Lab ID	Lab Sample ID	Sampler	Method Code	ParamName	ParamDescription	Result Value	Units	Detection Limit	Qualifier
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2320B	10/14/2000	CARBONATE ALKALINITY AS CACO3	5	mg/L	5	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SM2320B	10/14/2000	CARBONATE ALKALINITY AS CACO3	5	mg/L	5	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2320B	TotAlk	TOTAL ALKALINITY AS CACO3	445	mg/L	5	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2320B	TotAlk	TOTAL ALKALINITY AS CACO3	445	mg/L	5	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SM2320B	TotAlk	TOTAL ALKALINITY AS CACO3	180	mg/L	5	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2510B	10-34-4	SPECIFIC CONDUCTIVITY	1710	MHOS/CI	1	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2510B	10-34-4	SPECIFIC CONDUCTIVITY	1710	MHOS/CI	1	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SM2510B	10-34-4	SPECIFIC CONDUCTIVITY	575	MHOS/CI	1	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2540C	10-33-3	TOTAL DISSOLVED SOLIDS	1300	mg/L	10	
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM2540C	10-33-3	TOTAL DISSOLVED SOLIDS	1300	mg/L	10	
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SM2540C	10-33-3	TOTAL DISSOLVED SOLIDS	449	mg/L	10	
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM4500-H+ B	Field_pH	pH FIELD	7.76	SU		
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SM4500-H+ B	Field_pH	pH FIELD	7.76	SU		
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SM4500-H+ B	Field_pH	pH FIELD	7.93	SU		
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8015	68334-30-5	TEPH DIESEL RANGE ORGANICS	0.17	mg/L	0.19	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8015	68334-30-5	TEPH DIESEL RANGE ORGANICS	0.17	mg/L	0.19	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SW8015	68334-30-5	TEPH DIESEL RANGE ORGANICS	0.18	mg/L	0.19	U
761919	607961	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8015	8006-61-9	TVPH - Gasoline Range Organics	0.05	mg/L	0.05	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8015	8006-61-9	TVPH - Gasoline Range Organics	0.05	mg/L	0.05	U
761919	608335	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8015	8006-61-9	TVPH - Gasoline Range Organics	0.05	mg/L	0.05	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8015	8006-61-9	TVPH - Gasoline Range Organics	0.05	mg/L	0.05	U
761919	630611	9/22/2021	WATER	10007	DA37698-1	Absaroka	SW8015	8006-61-9	TVPH - Gasoline Range Organics	0.05	mg/L	0.05	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SW8015	8006-61-9	TVPH - Gasoline Range Organics	0.05	mg/L	0.05	U
761919	607961	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	71-43-2	BENZENE	0.5	ug/L	1	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	71-43-2	BENZENE	0.5	ug/L	1	U
761919	608335	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	71-43-2	BENZENE	0.5	ug/L	1	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	71-43-2	BENZENE	0.5	ug/L	1	U
761919	630611	9/22/2021	WATER	10007	DA37698-1	Absaroka	SW8260	71-43-2	BENZENE	0.6	ug/L	1	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SW8260	71-43-2	BENZENE	0.6	ug/L	1	U
761919	607961	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	100-41-4	ETHYLBENZENE	0.5	ug/L	1	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	100-41-4	ETHYLBENZENE	0.5	ug/L	1	U
761919	608335	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	100-41-4	ETHYLBENZENE	0.5	ug/L	1	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	100-41-4	ETHYLBENZENE	0.5	ug/L	1	U
761919	630611	9/22/2021	WATER	10007	DA37698-1	Absaroka	SW8260	100-41-4	ETHYLBENZENE	0.6	ug/L	1	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SW8260	100-41-4	ETHYLBENZENE	0.6	ug/L	1	U
761919	607961	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	179601-23-1	M-+P-XYLENE	0.7	ug/L	1	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	179601-23-1	M-+P-XYLENE	0.7	ug/L	1	U
761919	608335	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	179601-23-1	M-+P-XYLENE	0.7	ug/L	1	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	179601-23-1	M-+P-XYLENE	0.7	ug/L	1	U
761919	630611	9/22/2021	WATER	10007	DA37698-1	Absaroka	SW8260	179601-23-1	M-+P-XYLENE	0.96	ug/L	1	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SW8260	179601-23-1	M-+P-XYLENE	0.96	ug/L	1	U
761919	607961	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	95-47-6	o-XYLENE	0.5	ug/L	1	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	95-47-6	o-XYLENE	0.5	ug/L	1	U
761919	608335	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	95-47-6	o-XYLENE	0.5	ug/L	1	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	95-47-6	o-XYLENE	0.5	ug/L	1	U
761919	630611	9/22/2021	WATER	10007	DA37698-1	Absaroka	SW8260	95-47-6	o-XYLENE	0.6	ug/L	1	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SW8260	95-47-6	o-XYLENE	0.6	ug/L	1	U
761919	607961	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	108-88-3	TOLUENE	0.5	ug/L	1	U

Facility ID	Sample ID	Sample Date	Matrix	Lab ID	Lab Sample ID	Sampler	Method Code	ParamName	ParamDescription	Result Value	Units	Detection Limit	Qualifier
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	108-88-3	TOLUENE	0.5	ug/L	1	U
761919	608335	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	108-88-3	TOLUENE	0.5	ug/L	1	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	108-88-3	TOLUENE	0.5	ug/L	1	U
761919	630611	9/22/2021	WATER	10007	DA37698-1	Absaroka	SW8260	108-88-3	TOLUENE	0.5	ug/L	1	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SW8260	108-88-3	TOLUENE	0.5	ug/L	1	U
761919	607961	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	1330-20-7	TOTAL XYLENES	1	ug/L	1	U
761919	607962	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	1330-20-7	TOTAL XYLENES	1	ug/L	1	U
761919	608335	5/28/2019	WATER	10007	DA16237-1	Absaroka	SW8260	1330-20-7	TOTAL XYLENES	1	ug/L	1	U
761919	608336	5/28/2019	WATER	10007	DA16236-1	Absaroka	SW8260	1330-20-7	TOTAL XYLENES	1	ug/L	1	U
761919	630611	9/22/2021	WATER	10007	DA37698-1	Absaroka	SW8260	1330-20-7	TOTAL XYLENES	1	ug/L	1	U
761919	630612	9/22/2021	WATER	10007	DA37693-1	Absaroka	SW8260	1330-20-7	TOTAL XYLENES	1	ug/L	1	U