

Twentymile Coal, LLC

Foidel Creek Mine

2022 Hydrology Annual Report

Colorado Division of Reclamation, Mining, and Safety Permit C-82-056



Peabody

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1.0 INTRODUCTION

The 2022 Annual Hydrology Report (AHR) presents hydrologic monitoring data collected during the 2022 water year (October 2021 – September 2022) at the Twentymile Coal, LLC's (TC's) Foidel Creek Mine. This AHR fulfills the reporting requirements under the Colorado State Division of Reclamation Mining and Safety (DRMS) Permit No. C-82-056.

2.0 SITE LOCATION AND BACKGROUND

The TC Foidel Creek Mine is located approximately 20 miles southwest of Steamboat Springs, Colorado, at the south end of Twentymile Park (see Figure 1). The Foidel Creek Mine is an active underground coal mine, that encompasses roughly 15,200 acres in south Routt County. The total Life-Of-Mine permit area includes approximately 22,647 acres. The primary surface facilities, including sediment basins, coal refuse pile, coal wash plant, and loadout areas, cover about 800 acres. The mine's portals and surface facility areas are bordered on the south and southwest by strip mine spoils from the former Colorado Yampa Coal Company (CYCC). Other associated satellite TC support facilities, including borehole and ventilation pads, contribute approximately 150 acres.

Surface coal mining has been conducted in the area since the 1960's. The Foidel Creek Mine is an underground longwall operation that was established in 1983. Longwall mining is a form of underground mining where a 1000-foot-long wall is mined in a single slice (typically 2-3 m thick). The block of coal being mined, known as the longwall "panel", may be on the order of 12,000 feet long. The gate road along one side of the wall is called the head gate, while the other side is called the tail gate. The end of the block that includes the longwall equipment is called the "face". Air is provided by ventilation fans and associated bleeder vent shafts from the surface. The advantage of longwall mining is that over 80 percent of the coal is recovered, compared with about 50 percent for the traditional pillar method. In addition, subsidence is immediate, allowing for better planning by the mining company. The Foidel Creek Mine portals are faced-up in the down dip high-wall of the former strip mine.

The permit area lies within the Trout Creek watershed is drained to the east-northeast by Fish Creek, Foidel Creek, and Middle Creek. Foidel Creek is located adjacent to the TC Foidel Creek Mine surface facilities and receives treated effluent from a series of sediment ponds established at

the facility. Mine site drainage is controlled through seven (7) sediment ponds (NPDES Ponds T, B, C, D, E, F, and G – see Figure 2). The Fish Creek drainage is located north of the Foidel Creek Mine surface facilities area and overlies tracts, which have been longwall mined. Fish Creek runs through the Twentymile Park syncline area. Mine water was historically discharged into Fish Creek via the Fish Creek Borehole (FCBH) pump and sodium hydroxide treatment pond facility (discharge site 115), however that practice ceased in early 2005. In 2005, an electro-coagulation treatment system was constructed re-using the FCBH pump. Treated mine water was directed back underground for dust suppression. Electro-coagulation treatment assists in minimizing pipe scaling underground. This system has since been replaced with coagulation treatment system. Due to the high iron very little water is discharged from the FCBH into Fish Creek. Middle Creek is located to the south of Foidel Creek, along the eastern margin of the permit boundary. The mine does not discharge into Middle Creek.

Mine water is currently dewatered from wells (16LT & 18LT) located in the New West Mining District (NWMD) and the 10RT well located in the old Eastern Mining District (EMD). The wells discharge into the Area 1 Pit. The Pit supplies water to the wash plant. If the Pit overflows, it runs through a flume (site 7) into Pond D. Pond D (site 84) is an NPDES point discharging to Foidel Creek.

The Fish Creek Tipple site is located approximately 15 miles southwest of Steamboat Springs at the northeast end of Twentymile Park, covering an area of approximately 15 acres. The tipple was constructed in 1974 and ceased operation in 1983. Spoil springs (sites 303-1, 303-2, and 303-3) from the former surface operations at the Fish Creek Tipple site (east of the TC Foidel Creek Mine and Twentymile Park area) also discharge to Fish Creek at NPDES site 62. The area was reclaimed in 2012, at which time sites 303-2 and 303-3 ceased to flow.

The previously surface mined area southwest of the Foidel Creek portals and primary surface facilities (Eckman Park area), has been reclaimed and has been released from bond. In addition, the former surface mine area referred to as Area 1 was released from bond in January 2002. As a result, the Colorado Department of Public Health and Environment (CDPHE) subsequently approved eliminating Ponds A (Eckman Park) and H (Area 1) from our ongoing NPDES monitoring program in 2002.

Hydrologic monitoring was initiated for this area by CYCC in 1979. TC continues the monitoring program under updated DRMS permit requirements. Since mid-1987, hydrologic monitoring and reporting has primarily been conducted by TC personnel. In May of 1995, a private firm (Miller Water Monitoring Service) was contracted to assist with hydrologic monitoring at the TC sites and continues to assist in monitoring to date. Prior to June 1986, water quality analyses were performed by the on-site CYCC laboratory. From 1987 to 2000, water quality analyses were primarily performed by ACZ Laboratories (formerly Bookcliffs) of Steamboat Springs, Colorado. From 2001 through 2005, water quality analysis has primarily been performed by SGS North America laboratory of Denver, Colorado. Since mid-2005, analyses are again primarily performed by ACZ Laboratory of Steamboat Springs, Colorado. Whole Effluent Toxicity (WET) testing was historically conducted by SGS, and then Aqua-Tox of Wheat Ridge, Colorado through May 2018 where TC switched to Environ Chem Analytical of Grand Junction, Colorado.

Note that in 2003, DRMS approved TR03-42 (See Permit Exhibits 14-5, 14-6, and 14-10), and PR 03-06 (See Permit Exhibits 14-7 through 14-9), which eliminated several surface, alluvial, and bedrock well monitoring sites, and reduced the monitoring frequency of other sites, while adding additional monitoring requirements to existing surface site 305 (located downstream at the time of Twentymile Park subsidence). Data from terminated sites can be found in previous AHRs.

Three former US Geologic Survey (USGS) surface water sites (USGS 09243700, USGS 09243800 and USGS 09243900) were monitored for flow by the USGS through the 2001 water year. Prior to the 1989 Water Year, the USGS had collected and analyzed water quality samples from these sites. From the 1989 water year to date, TC has collected water quality samples from these sites for laboratory analysis. Beginning with the 2002 water year, TC took over monitoring of these three sites (referred to as sites 700, 800, and 900, respectively) from the USGS. In 2003, TR03-42 eliminated site 700 on Middle Creek.

3.0 2022 HYDROLOGIC MONITORING PROGRAM

The Foidel Creek Hydrologic Monitoring program includes bedrock and alluvial wells, stream points, spoil springs, natural springs, mine discharge, and mine inflow monitoring. Specific monitoring site locations and their elevations are shown on Figure 2. Required monitoring frequencies are listed in Permit No. C-82-056 for reference. Data tables and figures for each site are referenced in the following discussions. Statistical summaries of the historical data and graphs

of total dissolved solids (TDS) and field conductivity are also provided after presentation of the 2022 data. Twentymile uses the EQUIS database for data storage and reporting. Because of differences between the name listed in the database and the actual site name, both are shown in the tables for each monitoring type. Where data is shown in the attachments, the data is ordered by the EQUIS site id.

3.1 Bedrock Groundwater Monitoring

Table 3-1 shows the bedrock monitoring sites, monitoring requirement, and actual monitoring frequencies. Report period data for 2022, water level elevation including hydrographs, water quality statistics, and graphs of Laboratory TDS and Field Conductivity are included in Attachment 1. In attachment 1, Section 1 shows water level elevations, Section 2 shows water level hydrographs, and Section 3 shows water quality and water quality statistics.

Table 3-1: Bedrock Groundwater Monitoring Program

EQUIS Site Name	Site Name	Frequency				Status
		Water Level		Water Quality		
		Permit	Actual	Permit	Actual	
Wadge / Wolf Creek Overburden						
09794	009-79-4	S	2	A	1+	Active
068274C	006-82-74C	S	2	A	1+	Active
91M006	91M006	S	0&	A	0&	Damaged
087758	008-77-58	S	2	A	1+	Active
93M001	93-M001	S	2	A	1+	Active
008A	WC008A	S	2	A	1+	Active
013A	WC013A	S	2	A	1+	Active
Twentymile Sandstone						
06BR7	006-BRDH7	S	2	N/A	N/A	Active
91M005	91M005	N/A	N/A	N/A	N/A	Deactivated
97012TM	97012TM	N/A	N/A	N/A	N/A	Deactivated
97013TM	97013TM	S	2	A	1	Active
FBR11B	FBR-11B	N/A	N/A	N/A	N/A	Abandoned
FBR2	FBR=2	S	2	A	1+	Active
Trout Creek Sandstone						
0183106	001-83-106	A	1d	B	1d	Active
0183107	001-83-107	A	1	N/A	N/A	Active
0875EFC	008-75-EFC	N/A	N/A	N/A	N/A	Deactivated
95M001	95M001	A	1	B	1^	Active
97012TC	97012TC	N/A	N/A	N/A	N/A	Deactivated
97013TC	97013TC	A	1	B	1^	Active
FBR2E	FBR-2-E	A	1	B	1^	Active
Fish Creek Sandstone						
91M001	91M001	S	2	N/A	N/A	Active
91M004	91M004	S	0&	N/A	N/A	Damaged
ASHLEY	ASHLEY	S	0^	A	1+	Active
Notes						
N/A – Not applicable						
S – Semi-annual, A – Annual, B - Biannual						
Actual – number of monitoring events during report period						
Exceptions:						
+ - Field parameters measured in September 2021						
^ - Biannual sampling only. Field parameters only during report period.						
d – Dry or too little water to sample, Example 1 ^d - Site was visited once and was dry.						
^- No water level could be taken at well due to limited access.						
&- Well damaged - No monitoring conducted.						

Hydrogeology:

TC's underground Wadge mining operation is located roughly 1600 feet beneath the surface of Twentymile Park Basin. This is an enclosed synclinal groundwater basin, rimmed by outcrops of major lithologic units. Groundwater in the Twentymile Park Basin exists primarily under confined conditions within the bedrock units. Bedrock aquifers in the general area are recharged by infiltration in outcrop areas, located primarily in the southern and western margins of the Twentymile Park Basin. Recharge is limited, due to the low annual precipitation and high moisture losses from evapotranspiration and sublimation in this semi-arid climatic zone. Groundwater occurrence and movement within the bedrock aquifer system is controlled by geologic structure and lithology. Groundwater movement tends to follow the structural dip of the lithologic units toward the basin axis. Within the permit area, bedrock groundwater generally flows to the north and northwest. This results in confined aquifer conditions down gradient from the outcrop area. A detailed discussion of the geology/hydrology for the site is available in the *Twentymile Coal Company, Foidel Creek Mine Permit C-82-056, Volume I, Rules 2.04.6 and 2.04.7.*

The Twentymile Park Basin is underlain by multiple large, high quality coal reserves. The reserves, mined by underground operations, are known as the Wadge Seam (Pre-2015) and the lower Wolf Creek Seam (Post 2015). The Wadge Seam lies within a sequence of sedimentary rocks characterized by shales, claystones, mudstones, siltstones, sandstones, and minor coal stringers referred to as the Wadge Overburden. The Wadge Overburden is hydrologically isolated from the two major bedrock aquifer units in the Twentymile Park Basin, the Twentymile Sandstone aquifer and the Trout Creek Sandstone aquifer, which lie above and below the Wadge Overburden, respectively. Lying above the Twentymile Sandstone is a minor aquifer unit, known as the Fish Creek Sandstone. All these geologic units are monitored within the Foidel Creek Mine permit area.

The Wadge Overburden is directly affected by the mining operation. Dewatering of this zone in the area of mine operations is currently being conducted. The Wadge Overburden sequence varies in thickness from 50 to 100 feet, averaging approximately 75 feet, and is characterized by low permeability (0.01 to 0.1 ft/day), limited continuity, low yield and relatively poor water quality.

Above the Wadge Overburden is the first major regional aquifer, known as the Twentymile Sandstone. The Twentymile Sandstone aquifer is confined above and below by low permeability

shale and interbedded siltstone/shale units. The unit varies in thickness from 100 to 200 feet and is hydrologically isolated from the underlying Wadge Overburden sequence by a low permeability marine shale, which has a thickness of up to 700 feet. Approximately 125 feet above the Twentymile Sandstone is the 35-foot thick Fish Creek Sandstone. The Fish Creek Sandstone is a discontinuous minor unit in the area that was the contact for a small coal seam that had been surface mined.

Beneath the Wadge Overburden is a sequence of low permeability siltstones, shales, and coals, approximately 200 feet thick. This is followed by a fine-grained massive sandstone, approximately 250 feet thick, known as the Trout Creek Sandstone. The Trout Creek sandstone is the second major regional aquifer, which exists in the Twentymile Park Basin. There is very little hydrologic connection between the Trout Creek sandstone and the overlying Wadge Overburden.

The Wolf Creek Reserve (WCR) underlies the Wadge Seam. The WCR underlies portions of the EMD and NMD and is part of the same water-table groundwater system, so the associated effects of mining on groundwater in this area will be similar to those previously considered and evaluated for the EMD and NMD. In the proposed mine area, the Wolf Creek Seam is present at depths ranging from approximately 1,000 to 1,700 feet below the land surface. Approximately 150 feet of shale, claystone, siltstone and lenticular sandstone known as the Interburden unit separates the Wadge and Wolf Creek seams. Directly below the Wadge Seam in the planned mine area is a persistent and laterally continuous layer of material composed of clay-sized particles called underclay. Beneath this underclay is a zone of alternating thick shales, claystones, siltstones, and intermittent lenticular sandstones. The shales are generally continuous and the sandstones discontinuous. Near the base of this zone of alternating beds is the Wolf Creek Seam. Within the planned mine area, the Wolf Creek Seam splits into four distinct benches separated by rock partings. The combined total seam thickness ranges from 7.5 to 14 feet, and the coal seams are continuous within discrete mining areas. The WC1 Seam is the lowest of the benches, and ranges in thickness from 2 to 4 feet. The interburden between the WC1 and WC2 seams ranges from 0.5 to 1.5 feet. The WC2 Seam ranges from 2 to 5 feet. The WC1 and WC2 benches will be mined over the entire WCR area. The interburden between the WC2 and WC3 ranges from 0.5 to 10 feet, but will not be mined once its thickness is greater than 3 feet. The WC3 Seam ranges from 2.5 to 4 feet. The interburden between WC3 and WC4 ranges from 0.5 feet to 4.5 feet, but will not be mined once its thickness is greater than 3 feet. The WC4 Seam ranges from 2 to 5 feet.

Table 3-1 presents a summary of bedrock well monitoring frequencies. Water level and field parameters, which include pH, temperature, and conductivity, are measured semiannually at the Wadge and Wolf Creek Overburden wells, the Twentymile Sandstone wells, and Fish Creek Sandstone wells and annually at the Trout Creek Sandstone wells. Note that water level only is measured at two of the three Fish Creek Sandstone wells. Water quality is sampled annually at all Wadge and Wolf Creek Overburden wells, at two of the Twentymile Sandstone wells, and one of the Fish Creek Sandstone wells and biannually at four of the Trout Creek Sandstone Wells. Water quality parameters include total dissolved solids (TDS), dissolved calcium, dissolved magnesium, dissolved sodium, bicarbonate, carbonate, sulfate, dissolved cadmium, dissolved lead, dissolved mercury, dissolved selenium, dissolved iron, dissolved manganese, dissolved molybdenum, nitrate and nitrite, and orthophosphorus. A discussion of the 2022 monitoring results by bedrock unit is provided below.

Wadge And Wolf Creek Overburden:

Seven Overburden wells (009-79-4, 006-82-74C, 91M006, 008-77-58, 93M001, WC008A, and WC013A) are currently monitored. Water quality samples are collected at least annually. Attachment 1 shows the bedrock well monitoring data for the Water Year, including water levels, hydrographs, water quality, water quality statistics, and graphs of TDS and field conductivity.

The potentiometric surface in the Wadge Overburden generally slopes from south to north in the vicinity of the TC facilities, as shown by water levels in wells 009-79-4, 006-82-74C, and 08-77-58. The water level in wells 009-79-4 and 006-82-74C remain fluctuating within their historic range and have been relatively stable. A slight decline in water level, associated with dewatering impacts from the underground mining operation, has occurred at wells 08-77-58.. The water level at 93M001 rose sharply in 2016 and has recently been stable. Well 91M006 is currently damaged. TDS measured at the Wadge Overburden Wells in 2022 remain within historic ranges. TDS has been fluctuating in a small range at wells 009-79-4 (~570 mg/L), and stable at 008-77-58 (~980 mg/L), and 93M001 (~1120 mg/L), and has declined by approximately 2200 mg/L at 006-82-74C (~1500 mg/L) during this time.

The two Wolf Creek Overburden wells, WC008A and WC013A, were installed in the 2015 water year. Less groundwater is expected to be encountered during mining of the Wolf Creek Reserve, given the lengthy history of dewatering within the Wadge workings which overlie the Wolf Creek

Reserve. The water levels at WC008A have fluctuated in a small range near approximately 6700 ft and have recently been rising. However, the water level at WC013A has slowly declined from approximately 5540 ft in May 2015 to approximately 5510 ft in 2020 but has since rebounded. TDS have remained stable at both wells. TDS concentrations at WC008A (~1700 mg/L) and WC013A (~1100 mg/L) have recently been stable.

There were no anomalous water quality impacts attributable to mining were evident in data collected from Wadge Overburden wells during 2022, when compared to historical results.

Twentymile Sandstone:

TC monitors three wells screened within the Twentymile Sandstone. Well 006-BRDH-7 is monitored for water levels and field parameters only on a semi-annual basis and wells FBR-2, and 97013TM are monitored for water levels and field parameters on a semi-annual basis and water quality parameters on an annual basis. All monitoring requirements were completed at these sites in 2022.

The potentiometric surface in the Twentymile Sandstone generally slopes from southwest to northeast. The water level at 006-BRDH-7 declined from 1988 to 2016 and appears to be rebounding. The water levels at well FBR-2 declined sharply in 2018 but have now rebounded. The water levels at 97013TM have been fluctuating but have slightly declined over time. Field conductivity at 006-BRDH-7 exhibits a negative trend, with conductivity dropping from around 850 $\mu\text{mhos/cm}$ in 1987 to 550 $\mu\text{mhos/cm}$ in 2022. TDS at FBR-2 has also exhibited a generally negative trend since 2004, but rose a small amount during the 2022 report period, with the current TDS being measured as 1130 mg/L. The 706 mg/L TDS measured at 97013TM in 2022, a slight decline from 2021, remains within the historic range observed at the well.

Trout Creek Sandstone:

TC monitored five Trout Creek Sandstone wells in 2022: 001-83-106, 001-83-107, 95M001, FBR-2-E, and 97013TC. Note that per TR03-42, monitoring frequency for water levels and field parameters were reduced to an annual basis at all five wells and water quality sampling was reduced to bi-annual (every other year) at 001-83-106, 95M001, FBR-2-E, and 97013TC. Well 001-83-106 (018106) was dry and could not be sampled. Also, per TR03-42, Trout Creek Sandstone wells 008-75-EFC and 97012TC were deactivated.

The potentiometric surface trends prevalent in the Twentymile Sandstone and Wadge Overburden aquifers are not evident in the Trout Creek Sandstone. Previously monitored well 006-83-48C, located in the south-central portion of the permit, routinely exhibited water levels in the 7100 ft elevation range suggesting the potentiometric surface was mounded in this area. Well 006-83-48C was mined through in 1993 and was subsequently replaced by well FCM#2. The water level measured at well FCM#2 was approximately 6500 ft. Due to concerns related to FCM#2 well construction, the mine installed well 95M001 into the Trout Creek Sandstone in the fall of 1995. Water levels measured at well 95M001 confirmed that the levels recorded in well FCM #2 were accurate. Mining in the northern mining district, which is down dip of this well, began in 1995. The water level in well 95M001 has continued to decline but the rate of decline has lessened since 2019. This decline may be influenced by the underground mining operation however significant inflows from the Trout Creek Sandstone into the mine workings have not been encountered to date.

The water levels in the Trout Creek Sandstone have also been impacted by the mines potable supply well 001-83-106. Drawdowns, partially associated with the use of the supply well, have also been observed in adjacent well 001-83-107. The mines use of potable well 001-83-106 has declined over the last couple of years and 001-83-106 is now dry. Water levels at 001-83-107 have been stable since the 2000's. Declines in water level observed in the late 1980's into the 1990s reflect effects from longwall mining that began in the western mining district in 1990.

Well FBR-2-E, located along the eastern permit boundary has exhibited fluctuating water levels recently. The water level dropped by about 15 feet to approximately 6650 ft in 2019. In 2022, water levels have rebounded to previous trends. FBR-2-E is near the current mining area which could be the reason for the decline in the water level although the specific reason for these drops were not apparent. Many historical boreholes have indicated faulting exists in this area. The water level measured in Well 97013TC has recently been declining rapidly with slight periodic rebounds.

Field conductivity at well 97013TC has fluctuating widely over time, but TDS has been relatively consisted, with the 2021 level at about 1325 mg/L. At 95M001, TDS and field conductivity have been fluctuating and the current levels are within the historic range. At FBR-2-E, except for a TDS result in 2020, the TDS and conductivity have fallen and have a relatively consistent level since 2017.

Fish Creek Sandstone:

Two Fish Creek Sandstone wells (91M001 and 91M004) require monitoring on a semiannual basis for water level only. An additional well, Ashley, requires semi-annual monitoring for water levels and field parameters, and annual water quality sampling. The water level at Ashley could not be monitored during the report due to access issues. 91M004 was dry 2012 through 2015 and in 2017 through 2018. Well 91M004 was destroyed in 2019 due to snow removal efforts by Yampa Valley Electric to repair a power line. TC will discuss this situation with DRMS. The water levels at 91M001 have recently been stable.

The TDS at the Ashley well was 628 mg/L in 2022. TDS at Ashley has been rising during the last few report periods and is now above the baseline level. The cause of the rise is unknown but may be related to recently low precipitation.

3.2 Alluvial Groundwater Monitoring

Table 3-2 shows the bedrock monitoring sites, monitoring requirement, and actual monitoring frequencies. Report period data for 2022, including hydrographs, water quality statistics, and graphs of Laboratory TDS and Field Conductivity are included in Attachment 2.

Table 3-2: Alluvial Groundwater Monitoring Program

<u>EQUIS Site</u> <u>Name</u>	<u>Site Name</u>	<u>Frequency</u>				Status
		Water Level		Water Quality		
		Permit	Actual	Permit	Actual	
Foidel Creek						
09S10	009-S-10	Q	4	S	2+	Active
01S5	001-S-5	Q	4	S	2+	Active
08AV2	008-AV-2	Q	4	S	2+	Active
08AV1	008-AV-1	Q	3,1d	N/A	1^	Active
FO1	FO-1	N/A	N/A	N/A	N/A	Abandoned
FO2	FO-2	N/A	N/A	N/A	N/A	Abandoned
Twentymile Sandstone						
06AY1	<u>006-AY-1</u>	Q	4	S	2+	Active
06AZ3	006-AZ-3	Q	0&	S	0&	Damaged
06AW2	006-AW-2	N/A	N/A	N/A	N/A	Abandoned
08AU3	008-AU-3	Q	4	S	2+	Active
08AW3	008-AW-3	Q	4	S	2+	Active
AVF13	AVF-13	Q	4	S	2+	Active
AVF14	AVF-14	Q	3	S	2+	Active
AVF15	AVF-15	Q	1, 3d	S	1, 3d	Active
Trout Creek						
08AT1	008-AT-1	Q	4	S	2+	Active
JONES	Well Jones	N/A	N/A	N/A	N/A	Deactivated
Middle Creek						
AVM1	AVM-1	N/A	N/A	N/A	N/A	Abandoned
AVM2	AVM-2	N/A	N/A	N/A	N/A	Abandoned
Notes						
N/A – Not applicable						
S – Semi-annual, A – Annual, B - Biannual						
Actual – number of monitoring events during report period						
Exceptions:						
+ - Field parameters taken in two additional quarters.						
^ - Field parameters only						
d – Dry or too little water to sample, Example 1 ^d - Site was visited once and was dry.						
& - Damaged well – No monitoring conducted.						

Alluvial wells are monitored quarterly for water level and field parameters and semiannually for water quality parameters (except the Jones well which is monitored annually). Field parameters include pH, temperature, and conductivity. Water quality parameters include TDS, dissolved calcium, dissolved magnesium, dissolved sodium, bicarbonate, carbonate, sulfate, dissolved cadmium, dissolved lead, dissolved mercury, dissolved selenium, dissolved iron, dissolved manganese, dissolved molybdenum, nitrate and nitrite, ammonia and orthophosphorus.

Alluvial groundwater in the Twentymile Park Basin exists under unconfined conditions within the alluvial materials underlying the major surface drainages of the area and backfilled areas of adjacent surface mined areas. Stream flows are the primary source of recharge to the alluvial aquifers. Alluvial deposition is limited in areas where stream gradients are relatively steep and in areas where the stream channel has eroded to or intersects resistant bedrock. Consequently, the alluvial deposits do not tend to be continuous. Shallow wells completed in these deposits indicate that they are usually less than 20 feet thick and the depth to groundwater is typically less than 10 feet. The limited extent of the Foidel Creek alluvial deposits, and the lack of base flow in the creek indicates that these deposits are relatively insignificant to the areas groundwater hydrologic system.

Alluvial deposits containing groundwater are monitored in the Foidel Creek, Fish Creek, Trout Creek and Middle Creek drainages. In the Foidel Creek drainage, sites both upstream and downstream of the TC portals and support facilities are monitored. In the Fish Creek Drainage, sites upstream and downstream of the Mine 2 area and the Fish Creek Borehole dewatering facility are monitored.

Foidel Creek Alluvial Groundwater:

There are four Foidel Creek alluvial wells, 009-S-10, 001-S-5, 008-AV-1, and 008-AV-2. Water levels at the four Foidel Creek alluvial wells in 2022 remained within established ranges and typical seasonal fluctuations, with elevated water levels occurring in the spring in response to recharge from the snowmelt season. The water level at 008-AV-1 has dropped sharply in recent years due to relatively low precipitation.

Conductivity and TDS at well 009-S-10 have generally increased, with seasonal fluctuation since monitoring was initiated. However, conductivity and TDS at 001-S-5, 008-AV-1, and 008-AV-2

have declined or remained stable. TDS concentrations at point of compliance well 008-AV-2 has continued to decline since the early 2000's and meets the agricultural use groundwater quality standard.

Fish Creek Alluvial Groundwater:

Seven Fish Creek alluvial wells are monitored. Monitoring wells 006-AY-1, 006-AZ-3, 008-AU-3 and 008-AW-3 have been monitored since the 1980's. Wells AVF-13, AVF-14, and AVF-15 were installed in the early 2000's per PR99-05. Water levels at the Fish Creek alluvial wells in recent years have remained consistent within the historic ranges and showed typical seasonal variability, with elevated water levels occurring in the spring in response to recharge from the snowmelt season. The water levels at 008-AU-3 have been low due to relatively low precipitation. AVF-15 was dry at the end of the 2022 report period.

Conductivity measured at all wells in 2022 was within the historic range. TDS measured at point of compliance well 008-AU-3, with results of 764 and 674 mg/L, met the agricultural use groundwater standard. At well 006-AY-1, TDS and conductivity are low relative to baseline results for the well with results of 416 and 448 mg/L during 2022 report period.

In late 2016 someone destroyed well 006-AZ-3, possibly by mistake, as other historic alluvial wells that are not monitored were also removed.

Note that localized mining subsidence along Fish Creek occurred in the area of well AVF-15 during the summer of 2004. The general location area of AVF-15 was subsequently permanently ponded. Per the mines subsidence plan, alluvial well 008-AU3 replaced AVF-15 as the downstream monitoring well until 2014 when AVF-15 was replaced in the same general vicinity.

Trout Creek Alluvial Groundwater:

Two Trout Creek alluvial monitoring wells, 008-AT-1, and a privately owned well (Jones well) are monitored. Well 008-AT-1 was destroyed sometime in 2013 and subsequently replaced in 2014. The water levels in the replaced well are about 3 feet higher than historical, which may relate to the proximity of the new well to Trout Creek. Both the water levels and conductivity measured in 2022 fall within the historic range, but the last measurement during the period, with a TDS result of 638 mg/L, was at the low end of the range. As discussed in Section 3.2.1, the iron concentrations have recently been elevated at 008-AT-1. Note that the Jones well has historically

been monitored to access potential mine impacts to their potable water well. In the fall of 2008, TC provided the Jones family with underground water storage tanks, a new plumbing system, and imported water, so that they could discontinue use of the well. At that time, the old plumbing system to the Jones well was decommissioned eliminating alluvial water sampling access and the Jones well was not monitored during the report period. In 2019 TC supplied Jones with a deep fresh water well and a filtration system in place of long-term haulage of potable water. TC will discuss this situation with DRMS.

Middle Creek Alluvial Groundwater:

TC has no active Middle Creek alluvial wells. In 1996, two Middle Creek alluvial wells (AVM-1 and AVM-2) were incorporated into the monitoring network however, per TR03-42, these wells were abandoned in the Fall of 2003. Refer to previous AHRs for earlier data.

3.2.1 Points of Compliance

Rule 4.05.13(1)(b) requires formal establishment of groundwater points of compliance for coal operation which has the potential for negatively impacting the quality of groundwater for which quality standards have been established by the Colorado Water Quality Control Commission. The Commission's Rule 41 sets forth Basic Standards for groundwater. These Standards are applicable to groundwater at the Foidel Creek Mine. In the judgment of DRMS, these Standards are applicable to groundwater at the Foidel Creek Mine, however it is also the judgment of DRMS, the Foidel Creek Mine does not have the potential to negatively impact bedrock aquifers due to the nature of the geology (i.e. synclinal basin) found at the mine's location.

Wells 008-AV-2 (Foidel Creek alluvium), 008-AU-3 (Fish Creek alluvium), and well 008-AT-1 (Trout Creek alluvium) will satisfy the requirements for alluvial groundwater points of compliance.

Water quality at these three wells were within the agricultural use groundwater standards for all parameters except for a single sample for iron at 008-AT-1. During the 2020 report period, the sample from 008-AT-1 collected on 8/30/20 had a dissolved iron concentration of 5.55 mg/L, and it was thought that the filter ruptured allowing solids typically removed during the required sample filtration to influence the analysis. The sample collected in May 2020 indicated the dissolved iron was 1.36 mg/L, which is more characteristic of the iron concentration at this well, and within the agricultural use groundwater standard. The two dissolved iron results from the 2021 report period showed concentrations of 17.2 and 35.8 mg/L, and the two results from the 2022 report period

were 23.0 and 8.7 mg/L. The statistics report shows these are not the highest dissolved iron results for the well. AVF-15 had a iron concentration of 7.3 mg/L in April 2022. The maximum iron concentration historically at AVF-15 is 10 mg/L, while the long-term average is 1.9 mg/L.

Although dissolved manganese at all three wells exceeded the base agricultural use standard of 0.2 mg/L, it's important to acknowledge that CWCC Regulation 41 specifies that this standard is only applicable to irrigation water applied to soils with pH values lower than 6.0. For alkaline soils, as are found in the area, a more appropriate standard would be 10 mg/L (EPA, 1976). Therefore, none of the manganese results above 0.2 mg/L are considered exceedances of the standard.

3.3 Surface Water Monitoring

Monitoring / Sampling Requirements:

Stream points have been established within Foidel Creek, Fish Creek, Trout Creek, and Middle Creek (see Figure 2). Table 3-3A through 3-3C presents the varying frequencies of water level/field parameter and water quality monitoring required at each point during the three seasonal monitoring periods (i.e. October to February, March to May, and June to September), each of which are further divided into two general categories of sampling frequency: 1) "Regular" monitoring, and 2) "Contingent" monitoring that is conducted only when there is a discharge from underground mine pumping at surface discharge sites 109 and/or 115, neither of which discharged in 2022. Field parameters monitored as part of the "Regular" monitoring include temperature, pH, and conductivity. Water quality parameters analyzed for "Regular" monitoring include TDS, total suspended solids (TSS), sodium adsorption ratio, dissolved calcium, dissolved magnesium, dissolved sodium, bicarbonate, carbonate, sulfate, total recoverable cadmium, total recoverable mercury, total recoverable selenium, total recoverable silver, total recoverable iron, total recoverable manganese, total recoverable molybdenum, total recoverable zinc, nitrate and nitrite, ammonia, and orthophosphorus.

Report period data for 2022, including flow data, graphs of period of record flow, water quality statistics, and Laboratory TDS and Field Conductivity are included in Attachment 3.

Table 3-3A: March Through May Surface Water Monitoring Program

EQUIS Site Name	Site Name	Frequency		Water Level and Field EC	Lab Sulfate and Lab EC
		Water Level and Field Parameters	Water Quality*		
Foidel Creek					
800	USGS 09243800	Sched. A	March	N/A	N/A
8	8	Sched. A	March	N/A	N/A
14	14	Sched. A	March	N/A	N/A
900	USGS 09243900	Sched. A	March	N/A	N/A
Fish Creek					
16A	16A	Sched. A	March	W	N/A
302	302	N/A	N/A	N/A	N/A
27A	27A	Sched. A	March	N/A	N/A
1003	1003	Sched. A	March	W	M
SW13	SW-13	Q-F, S-Q	S	N/A	N/A
SW14	SW-14	Q-F, S-Q	S	N/A	N/A
SW15	SW-15	Q-F, S-Q	S	N/A	N/A
305	305	Q-F, S-Q	N/A	N/A	N/A
307	307	Q-F, S-Q	N/A	N/A	N/A
Trout Creek					
301	301	M	March	W	M
69	69	M	March	W	M
1005	1005	M	March	W	M
Middle Creek					
29	29	Sched. A	March	W	M

Table 3-3B: June through September Surface Water Monitoring Program

EQUIS Site Name	Site Name	Frequency		Water Level and Field EC	Lab Sulfate and Lab EC
		Water Level and Field Parameters	Water Quality*		
Foidel Creek					
800	USGS 09243800	Sched. B	M exc.July	N/A	N/A
8	8	Sched. B	M exc. July	N/A	N/A
14	14	Sched. B	M exc. July	N/A	N/A
900	USGS 09243900	Sched. B	M exc. July	N/A	N/A
Fish Creek					
16A	16A	Sched. B	M exc. July	W	N/A
302	302	Sched. B	Q	N/A	N/A
27A	27A	Sched. B	M exc. July	N/A	N/A
1003	1003	Sched. B	M exc. July	W	M
SW13	SW-13	Q-F, S-Q	S	N/A	N/A
SW14	SW-14	Q-F, S-Q	S	N/A	N/A
SW15	SW-15	Q-F, S-Q	S	N/A	N/A
305	305	Q-F, S-Q	N/A	N/A	N/A
307	307	Q-F, S-Q	N/A	N/A	N/A
Trout Creek					
301	301	M	M	W	M
69	69	M	M	W	M
1005	1005	M	M	W (EC Only)	M
Middle Creek					
29	29	Sched. B	M exc. July	W	M

Table 3-3C: October through February Surface Water Monitoring Program

EQUIS Site Name	Site Name	Frequency		Water Level and Field EC	Lab Sulfate and Lab EC
		Water Level and Field Parameters	Water Quality*		
Foidel Creek					
800	USGS 09243800	N/A	N/A	N/A	N/A
8	8	N/A	N/A	N/A	N/A
14	14	N/A	N/A	N/A	N/A
900	USGS 09243900	N/A	N/A	N/A	N/A
Fish Creek					
16A	16A	N/A	N/A	W	N/A
302	302	N/A	N/A	N/A	N/A
27A	27A	N/A	N/A	N/A	N/A
1003	1003	N/A	N/A	W	M
SW13	SW-13	Q-F, S-Q	S	N/A	N/A
SW14	SW-14	Q-F, S-Q	S	N/A	N/A
SW15	SW-15	Q-F, S-Q	S	N/A	N/A
305	305	N/A	N/A	N/A	N/A
307	307	N/A	N/A	N/A	N/A
Trout Creek					
301	301	N/A	N/A	W	M
69	69	N/A	N/A	W	M
1005	1005	N/A	N/A	W	M
Middle Creek					
29	29	N/A	N/A	W	M

Table D3-3D: Footnotes for Tables 3A through 3C**Notes**

N/A – Not applicable

M – Monthly, S – Semi-annual, A – Annual, B – Biannual

Q-F, S-Q – Quarterly – Flow Only; Field Quality – Semi-Annually

Schedule A – (March-Monthly; April 2 times during month; May – Monthly)

If site is frozen, March sample may be taken in April

Schedule B – (June-Monthly; July-Monthly; August-Weekly; September-First Two Weeks of Month

Actual – number of monitoring events during report period

Exceptions:

+ - Field parameters taken in two additional quarters.

^d – Dry or too little water to sample, Example 1^d- Site was visited once and was dry.

Stream Gaging

Accurately monitoring flow at stream sites can be difficult due to continual damage to gage stations by cows, horses, flooding, and various weather effects. Stations require repair on a regular basis. TC attempts to make repairs as soon as possible. Continuing erosion of stream channel banks impact accurate flow calculations. In the summer of 2007, TC hired consultants (Rivers Unlimited, Inc. of Steamboat Springs) to assist with re-evaluating key stream bed locations, including rating curves for ongoing stream gauging. This study continued into the spring 2017 but due to costly expenditures TC resorted to performing stream gaging with in house staff for the remainder of 2017 and will continue for the foreseeable future.

In 2012, four protective enclosures were constructed by Rivers Unlimited at historic flow meter recorder locations. New recorders were installed and activated in May of 2012 at these sites. The meter locations include sites 16A, downstream of 8, 1003, and site 69. Additional gage station protective steel enclosures were constructed in 2015 at several monitoring sites. Four new flow meters were installed at these sites in 2016, these included sites 900, 29, 1005 and 301. These meter locations are currently not in use due to the costly up-keep and calibration needed for them to properly function.

Although precipitation during the 2022 report period was near normal, the mine area remained in an abnormally dry condition at the end of the report period according to the Colorado Climate Center at Colorado State University.

Foidel Creek:

Four monitoring sites are located within Foidel Creek. Site 800 and site 14 are located upstream of the portal, site 8 is located downstream of the TC portal and surface facilities, and site 900 is located further downstream above the confluence with Middle Creek. Former site 304 was eliminated in 2003 per TR03-42.

Typical flow patterns were exhibited at these sites in 2022 with spring runoff accounting for the peak flows. Flow appeared to be relatively low during 2022 compared with prior years. An inverse relationship between flow and field conductivity continues to be evident at each of these sites. The water quality in 2022 remained within the historic ranges observed at these points, but as

would be expected with lower flow, the TDS results were generally higher than earlier results for the sites.

Fish Creek:

Nine monitoring sites are located within Fish Creek. Site 16A replaced site 16 in 2001 and is located upstream of the Fish Creek Borehole discharge site 115. Historical data for site 16 may be found in previous AHRs. Site 307 is located approximately one mile downstream of the Fish Creek Borehole mine dewatering site. Site 302 is located approximately two miles downstream of the Fish Creek Borehole mine dewatering site. Site 305 is located upstream of the Fish Creek Tipple. Site 27A is located immediately upstream of the Fish Creek Tipple discharge (a.k.a. CDPS discharge site 62). Site 1003 is located downstream of Fish Creek Tipple site 62.

Three relatively new surface sites were added in conjunction with the new Fish Creek Alluvium well sites (AVF-13, AVF-14, and AVF-15), in order to evaluate potential subsidence impacts in the area. These are surface sites SW-13, SW-14 (both added in August 2001), and SW-15 (added in June 2002). These sites require quarterly water level measurements (March through September), and semi-annual field parameters and water quality sampling.

As with the Foidel Creek sites, typical flow patterns were exhibited at these sites with spring runoff periods accounting for the peak flows observed. The 2022 water quality parameters for these sites were generally within previously established ranges. The TDS and conductivity at Sites 1003, 27A, 305, SW13, SW14, SW15 fluctuate seasonally with an inverse relationship between flow and field conductivity evident. TDS and conductivity have recently been quite consistent and relatively low at Site 302.

Trout Creek:

Three monitoring sites have been established on Trout Creek. Site 301 is located on Trout Creek above the confluence with Middle Creek. Site 69 is located on Trout Creek below the confluence with Middle Creek. Site 1005 (established in 1994) is located downstream of the confluence with Fish Creek and is monitored in conjunction with alluvial well 008-AT-1.

Typical seasonal flow patterns were observed. Water quality parameters for these sites are typically within previously established ranges and a seasonal pattern is also seen in the TDS and conductivity results in 2022 and historically.

Middle Creek:

Site 29 is the only Middle Creek site monitored. Flow during the report period was relatively low compared to previous years. The water quality results for Site 29 were within historical ranges for the site with TDS results ranging from 1830 to 2310 mg/L for 2022.

3.4 Spoil Spring Monitoring

Generally, groundwater migrates along bedding planes, faults, joints, or fracture zones. Given adequate head pressure, if these zones of water migration intercept the surface, a spring or seep results. The TC spoil spring monitoring program was initiated in 1986 and is conducted annually. In accordance with the approved plan, the annual mine wide survey is conducted during May, with springs measured for flow and field parameters. If a spring is discharging at or above 35 gallons per minute, it is monitored for the next year in accordance with the monitoring plan. A few samples are typically collected each year even when the 35 GPM mark is not met. Two spoil spring sites, 7 (Twentymile Pit Pond) and 303 (in Fish Creek Tipple area), require monitoring under Exhibit 14-10. Site 7 is more properly termed a mine water discharge point and is discussed in Section 3.5.

The 303 spring series (303-1 through 303-3) is monitored semi-annually for field parameters and water quality. Field parameters include flow, temperature, pH, and conductivity. Water quality parameters include TDS, TSS, dissolved calcium, dissolved magnesium, dissolved sodium, bicarbonate, carbonate, sulfate, total recoverable cadmium, total recoverable mercury, total recoverable selenium, total recoverable silver, total recoverable iron, total recoverable manganese, total recoverable molybdenum, total recoverable zinc, nitrate and nitrite, ammonia, and orthophosphorus.

In 2022, site 303-1 was sampled on September 16th. Spring points 303-2 and 303-3 remained dry in 2022. These points stopped flowing in 2012 after the Fish Creek Tipple area was reclaimed.

Table 3-4 shows the number of samples collected at each spoil spring site during the 2022 report period. Report period data including flow data, water quality statistics, and graphs of

Laboratory TDS and Field Conductivity are included in Attachment 4. The conductivity and TDS at 303-1 have been fluctuating within a small range historically.

Table 3-4: Spoil Spring Water Quality Monitoring During Report Period

EQUIS Site Name	Site Name	Water Quality Frequency
3031	303-1	1
3032	303-2	0
3033	393-3	0

3.5 Natural Spring Monitoring

As shown on Table 3-5, Two natural springs, SW-1 and SW2, located over previously mined areas in the Southwest Mining District, typically require semiannual monitoring. Prior to mining, SW-1 typically flowed throughout the year, while SW2 flows were sporadic. In recent years flows at SW-1 have been minor, and in the case of SW-2, non-existent. The natural springs are monitored for field parameters, which include flow, temperature, pH, and conductivity, as well as TDS, TSS, dissolved calcium, dissolved magnesium, dissolved sodium, bicarbonate, carbonate, sulfate, total recoverable cadmium, total recoverable mercury, total recoverable selenium, total recoverable silver, total recoverable iron, total recoverable manganese, total recoverable molybdenum, total recoverable zinc, nitrate and nitrite, ammonia, and orthophosphorus. No flow was observed at SW-1 and SW-2 during the report period.

Table 3-5: Natural Spring Water Quality Monitoring During Report Period

EQUIS Site Name	Site Name	Water Quality Frequency
SW1	SW-1	0
SW2	SW-2	0

In April 2016, a spring and seep survey was also conducted in the northern mining district to identify potential discharges to Fish Creek. No new or significant springs were identified in 2016. The northern mining district is located within the Twentymile Park Syncline. The predominant lithologic unit nearest the surface and occupying most of the basin is the Lewis Shale, which can be upwards of 700 feet thick. The lack of significant bedding planes, faulting, or fracture zones in this area may account for the lack of springs in the central portion of this basin.

3.6 CDPS Discharge Sites

Under State of Colorado Department of Public Health and Environment (CDPHE), Colorado Discharge Permit System (CDPS) permit No.'s CO-0027154, CO-0036684, CO-0042161, COG-850051 and COG-850054 eleven discharge points are monitored throughout the year. Note that CDPS has also been referred to as the National Pollutant Discharge Elimination System (NPDES) in previous AHRs. Monitoring results (CDPHE Colorado Discharge Monitoring Reports, or DMRs) are copied to DRMS in accordance with CDPS requirements. The monitoring frequencies and analytes required to be analyzed vary by outfall and permit number. Attachment 6 shows the CDPS water quality data for the report period.

The sites monitored are Site 115 (Fish Creek Borehole, Outfall 001, Permit CO-0042161), Site 300E (Domestic Waste Discharge, Outfall 002, Permit CO-0042161), Site 55 (Pond G, Outfall 008, Permit CO-0027154), Site 62 (Fish Creek Tipple, Outfall 001, Permit CO-0036684), Site 63 (Pond B, Outfall 003A, Permit CO-0027154), Site 80 (Pond T, Outfall 002, Permit CO-0027154), Site 82 (Pond C, Outfall 004, Permit CO-0027154), Site 84 (Pond D, Outfall 005, Permit CO-0027154), Site 85 (Pond E, Outfall 006, Permit CO-0027154), Site 87 (Pond F, Outfall 007, Permit CO-0027154)

During the 2022 water year there were two exceedances of the total suspended solids (TSS) limits, six exceedances of the iron limits, and one of the sulfate limits. All exceedances were reported to the Colorado Department of Public Health and Environment as required. . In April 2022, at site 63, the TSS monthly average limit of 35 mg/L was exceeded with an average of 36.3 mg/L. During this time, no sample exceeded the daily maximum limit of 75 mg/L. In addition, at Site 62 in April 2022, the monthly average TSS concentration was 37.5 mg/L versus the average limit of 35 mg/L and one daily maximum limit exceedance of 102 mg/L versus the limit of 70 mg/L. The exceedances at Sites 62 and 63 were attributed to increases in runoff during snow melt. In April at site 62, there was one exceedance of the 1,000 µg/L iron limit with a result of 1,387 µg/L. Concentrations declined in subsequent sampling events. At Site 115, there were three exceedances in April 2022 of the 1,047 µg/L iron limit with results of 2,290, 1,727, and 1,390 µg/L. The discharge was stopped as soon as the situation was known. At Site 62, there were two exceedances of the 1,000 µg/L iron limit in July and August of 2022 with results of 1,081 and 1,006 µg/L. At Site 300E, which discharged from late April through early May of 2022, the 250 mg/L sulfate limit was exceeded with a result of 460 mg/L. No other exceedances were recorded during the report period.

3.7 Mine Water Discharge Sites

There are three mine water discharge monitoring sites associated with the TC operation. Attachment 6 shows the water quality results during the report period. Site 109 (Foidel Creek Mine surface facilities) requires quarterly monitoring for flows, field parameters, and water quality samples (when flowing). Site 109 has not discharged in about 20 years and will not be discharging in the conceivable future. Site 115 (Fish Creek Borehole) is monitored as a CDPS discharge point in accordance with the requirements set forth under CDPS Permit No. CO-0042161. Site 7 (Area #1 Pit) receives dewatering water from wells located in the New West Mining District (NWMD) and the 10RT well located in the old Eastern Mining District (EMD). The Pit supplies water to the wash plant, however if it overflows, it runs through site 7 to Pond D, and subsequently through Site 84 (CDPS Outfall 005) to Foidel Creek. Site 7 requires quarterly analyses when flowing per DRMS Permit No. C-82-056. Outfall 005 requires weekly, twice monthly, monthly, and quarterly water quality sampling when flowing, under CDPS Permit CO-0027154. There were no exceedances of the CDPS permit limits at Outfall 005A during these quarters. The TDS concentration at Site 7 was relatively low in 2022 compared to recent samples.

4.0 SUMMARY AND CONCLUSIONS

No significant hydrology impacts, attributable to activities at the Foidel Creek Mine, were noted during 2022. See discussion below, summarizing data assessments.

Groundwater:

Water levels monitored in the Twentymile Wadge Overburden wells remained stable and comparable to previously collected data, and no significant water quality influences were evident from data obtained during 2022.

Twentymile Sandstone wells remained stable and comparable to previously collected data, and no significant water quality influences were evident from data obtained during 2022. The mines use of potable supply well 001-83-106 has declined over the last couple of years and the water table in the Trout Creek Sandstone in this area has begun to return. Well 001-83-106 remained dry during the 2022 report period. The historical declining water level trend at well 001-83-107 has stabilized. Well monitoring at 95M001 indicated a continuing decline in water levels which began in 1997 and appears to be stabilizing. No significant inflows from the Trout Creek formation into

the mine workings have been encountered to explain this difference in water level or to suggest that dewatering of the formation is directly attributable to mining activities. No readily apparent water quality impacts associated with mining are noted for the Trout Creek Sandstone aquifer based upon data collected during the 2022 report period.

Mining related dewatering impacts were previously noted for the Fish Creek sandstone wells 91M001 and 91M004, and the Ashley well. Wells 91M001 and 91M004 were undermined in 1995 and exhibited historic water level declines corresponding to mining activity. Water levels in these wells have subsequently stabilized, exhibiting only seasonal fluctuations. Two natural springs (SW-1 and SW-2) are monitored in the same vicinity as 91M001 and 91M004, although neither SW-1 nor SW-2 flowed during the 2022 report period. The Ashley well was undermined in 1999 and exhibited water level declines corresponding to mining activity. A water level could not be collected at the Ashley well during the 2022 report period due to the well being enclosed and sealed for the use of the residents .

No unusual observations are noted with respect to Foidel Creek, Fish Creek, or Trout Creek alluvium groundwater levels. Water quality at the proposed point of compliance wells (008-AV-2, 008-AU-3, 008-AT-1) generally meet the agricultural use groundwater standards. The iron exceedances at well 008-AT-1 will be observed in the future. See Section 3.2 for additional discussion. Due to the above average snowpack during the winter of 2022 and 2023, it is expected that alluvial water elevations and quality will be affected somewhat by increased runoff.

Surface Water:

Typical flow patterns were seen in Foidel Creek, Fish Creek, Middle Creek and Trout Creek in 2022, with spring runoff accounting for the peak flows. TC is still working to develop stream rating curves for the surface monitoring locations. No new flow meters were installed in 2022. TC implemented in house staff for stream gaging during 2017.

Both Middle Creek site 29 and Foidel Creek site 900, upstream of point 29, had elevated field conductivities and TDS concentrations during the 2021 report period, but these high concentrations declined in the 2022 report period. It is unclear what caused this elevated reading. See Section 3.3 for additional discussion. Water quality at the other stream monitoring points was typically within the historic range observed at each of the sites and no other water quality impacts of concern were evident at the stream points during the 2022 report period.

Spoil Springs:

Spoil spring 303-1 (303 series). The 2012 reclamation at the Fish Creek Tipple, resulted in the loss of two smaller associated springs in the 303 series (303-2 and 303-3). Site 303-1 did not contribute a significant portion of discharge from the TC mine area and discharges from sedimentation ponds predominately occurred in conformance with applicable CDPS permit limitations and therefore did not constitute significant impacts to receiving waters. See Section 3.4 for more information.

Mine Discharge:

Mine water discharge sites 109 and 115 did not discharge in the 2022 report period. Site 7 (Area #1 Pit) receives dewatering water from wells located at the former Fish Creek vent shaft in the old Western Mining District (WMD) and the 10RT well located in the old Eastern Mining District (EMD). The Pit overflow goes through DRMS site 7 to Pond D, which may in turn flow into Foidel Creek via CDPS Outfall 005A (a.k.a. site 84). There were no exceedances of the CDPS permit limits at Pond D/Outfall 005A in the 2022 report period.

Mine Inflow:

No unusual occurrences of inflow were noted as a result of the Annual Mine Inflow study. Inflows are within the projected flows presented in the permit. Water quality has not changed significantly and appears to mirror the quality of the adjacent spoil water. It appears that the elevated EC and iron readings are associated with the water that has pooled in the mine sump, which is in contact with the overlying Marine Shales. This contact has provided the opportunity for additional salts and iron to be leached from this unit. The pumping of mine water and sumps should see a decrease in the elevation of the pool over time, with an anticipated decrease in the EC and concentration of iron in the effluent.

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2022 Annual Report
Attachment 1
Bedrock Well Data

Foidel Creek Mine
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Bedrock Well Data
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Foidel Creek Mine

2022 Annual Report

Attachment 1

Section 1

Groundwater Elevations

BEDROCK GROUNDWATER LEVEL DATA

Permit No. ___ Mine: FOIDEL CREEK MINE

Annual Report Period 10/01/2021 to 9/30/2022

SAMPLE STATION	MEASURING DATE	GW ELEVATION	MEASURING COMPANY	GASSY	COMMENTS
008A	5/2/2022 2:00 PM	6702.10	MILLER		
008A	9/12/2022 3:40 PM	6704.41	MILLER		
013A	5/2/2022 12:50 PM	5542.66	MILLER		
013A	9/12/2022 2:50 PM	5541.61	MILLER		
183106	4/21/2022 12:00 AM	6485.70	MILLER		DRY
183107	5/2/2022 10:20 AM	6799.71	MILLER		
068274C	5/2/2022 11:30 AM	6839.46	MILLER		
068274C	9/12/2022 9:35 AM	6838.30	MILLER		
06BR7	4/28/2022 10:55 AM	6824.19	MILLER		
06BR7	9/12/2022 10:15 AM	6823.04	MILLER		
87758	4/28/2022 1:10 PM	6707.07	MILLER		
87758	9/12/2022 12:40 PM	6707.22	MILLER		
9794	4/28/2022 8:10 AM	6968.22	MILLER		
9794	9/12/2022 8:45 AM	6967.63	MILLER		
91M001	4/28/2022 6:55 AM	6872.41	MILLER		
91M001	9/16/2022 3:40 PM	6871.92	MILLER		
93M001	5/6/2022 3:35 PM	6501.79	MILLER		
93M001	9/12/2022 7:40 AM	6501.54	MILLER		
95M001	5/2/2022 9:15 AM	6151.14	MILLER		
97013TC	5/6/2022 10:30 AM	6352.48	MILLER		
97013TM	5/6/2022 11:25 AM	6621.54	MILLER		
97013TM	9/12/2022 6:30 AM	6623.84	MILLER		
FBR2	5/6/2022 4:50 PM	6361.47	MILLER		
FBR2	9/12/2022 11:35 AM	6360.14	MILLER		
FBR2E	5/6/2022 5:40 PM	6663.68	MILLER		

Foidel Creek Mine

2022 Annual Report

Attachment 1

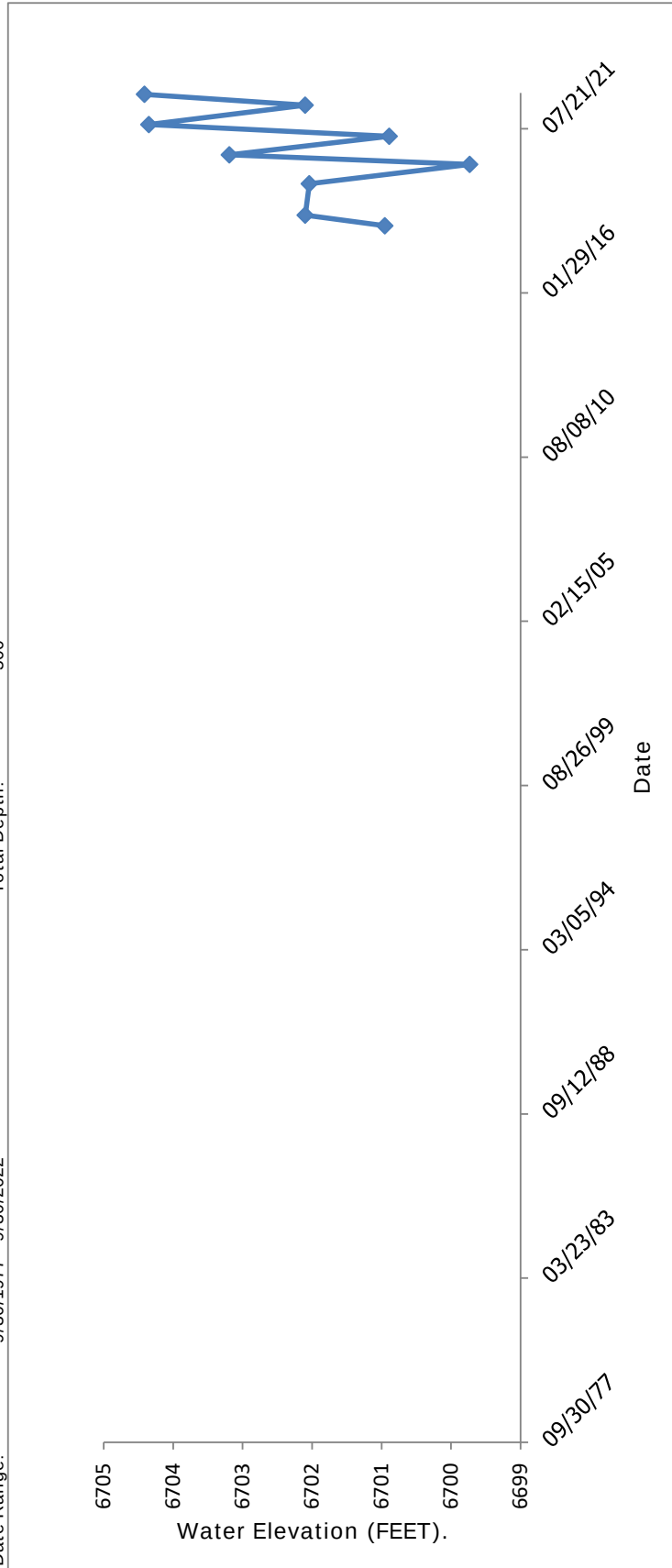
Section 2

Water Level Hydrographs

FOIDEL CREEK MINE - 008A

Sample Point: 008A
 Mine: FOIDEL CREEK MINE
 State:
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

Township: 005N
 Northing: 48368
 Easting: 39687
 Elevation: 6739
 Total Depth: 500
 Range: 086W
 Section: 13



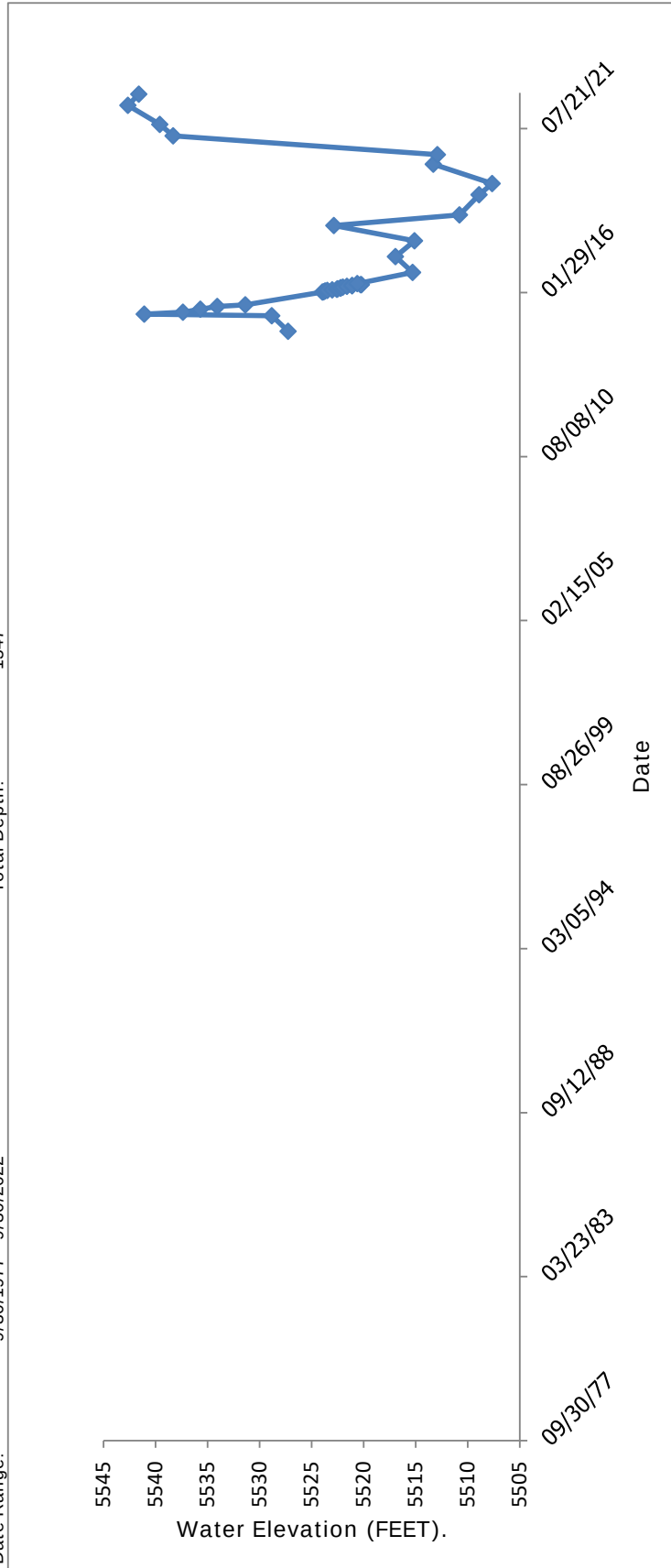
FOIDEL CREEK MINE - 013A

Sample Point: 013A
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

Township: 005N
 Northing: 47985
 Easting: 18954
 Elevation: 6770
 Total Depth: 1547

Range: 086W

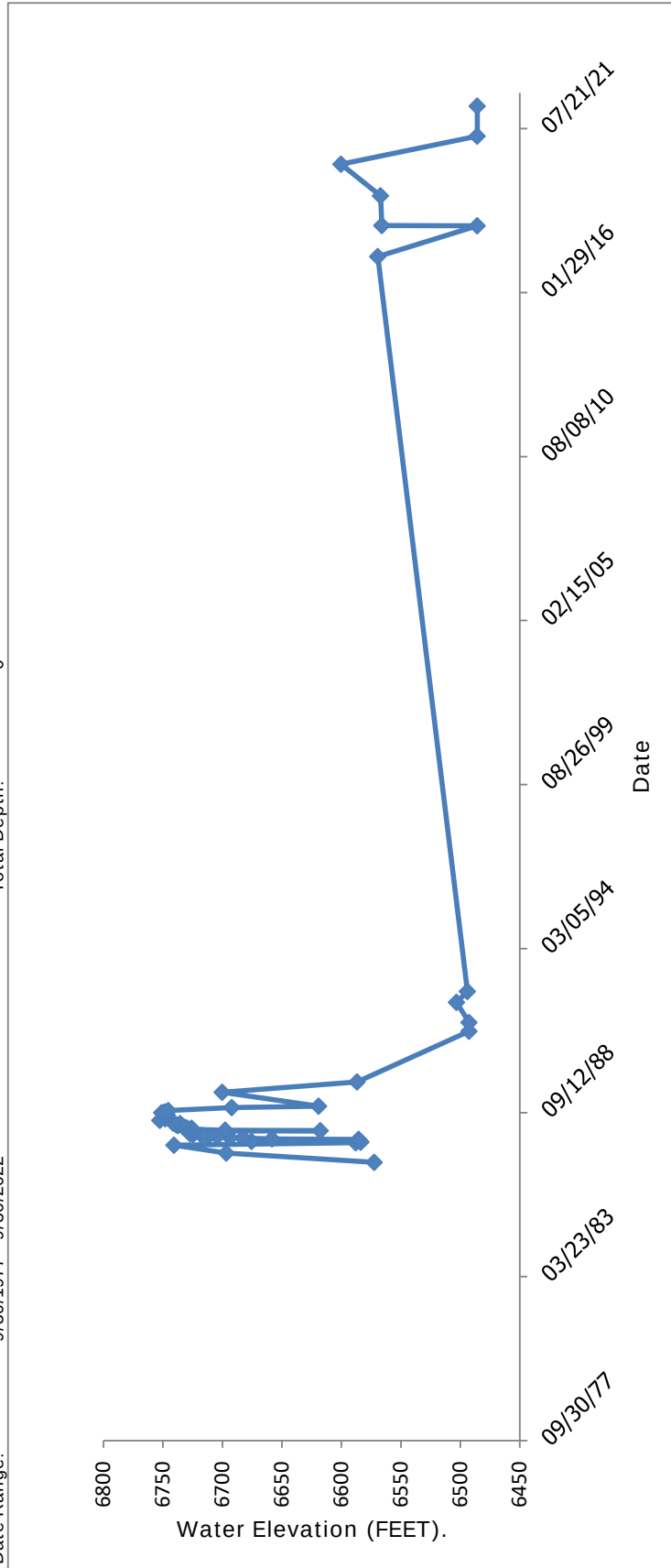
Section: 12



FOIDEL CREEK MINE - 0183106

Sample Point: 0183106
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

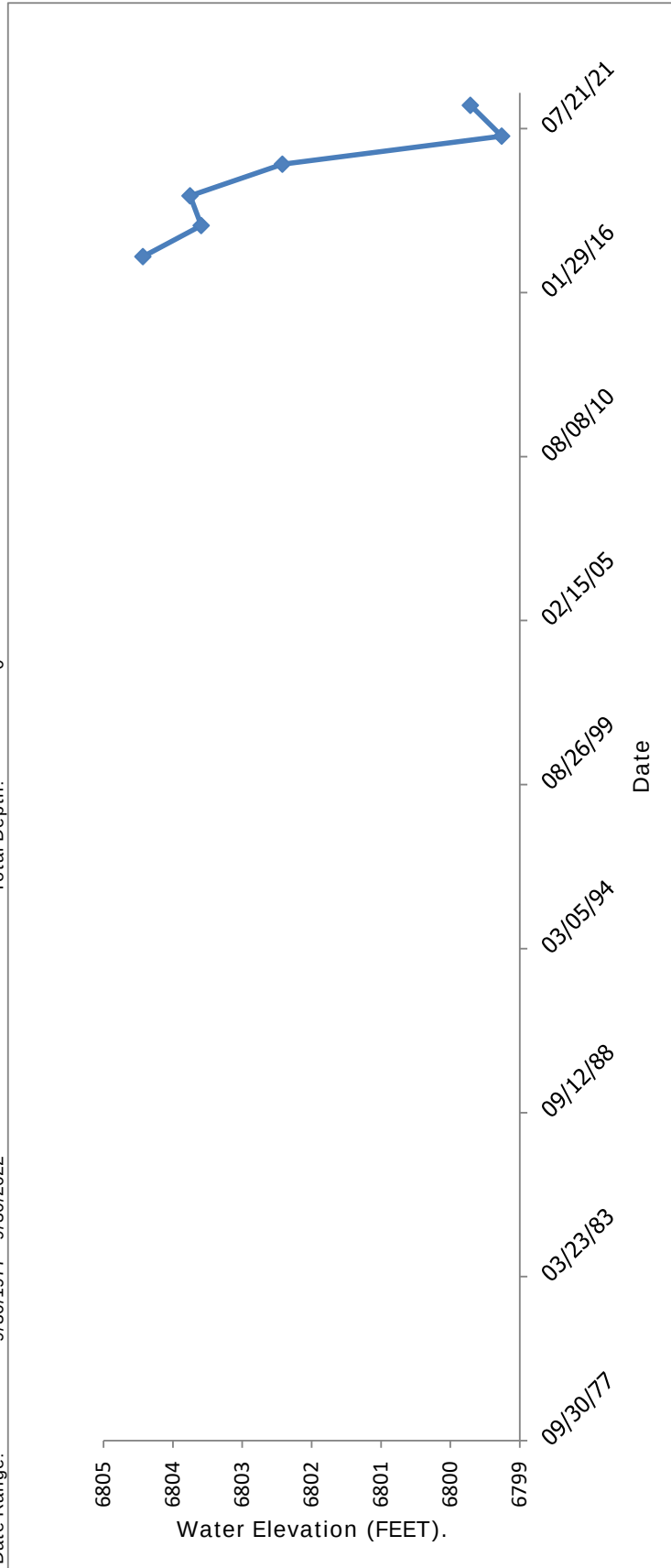
Township: 004N
 Range: 086W
 Section: 7
 Northing: 34258
 Easting: 20149
 Elevation: 6893
 Total Depth: 0

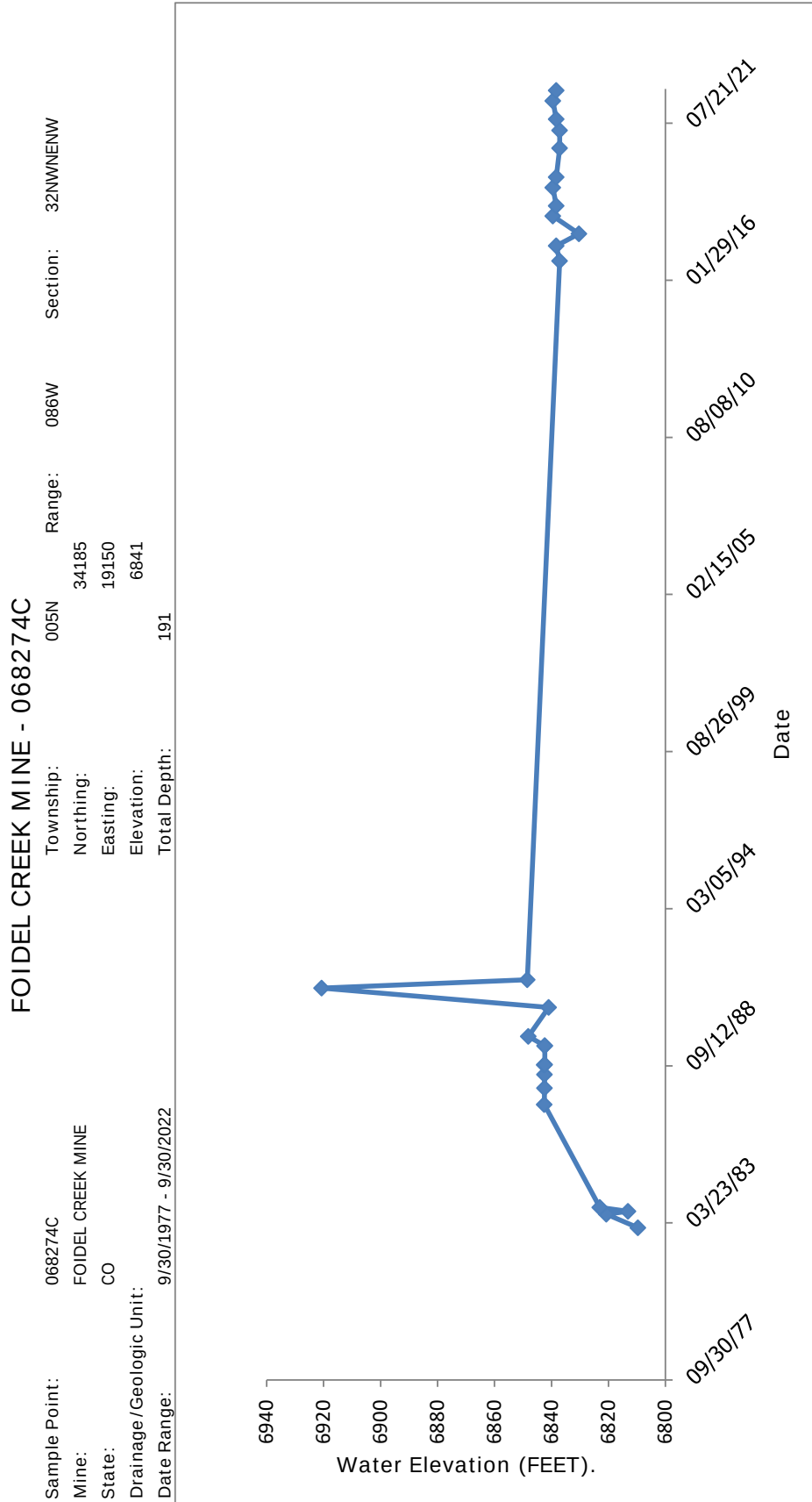


FOIDEL CREEK MINE - 0183107

Sample Point: 0183107
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

Township: 005N
 Range: 086W
 Section: 31
 Northing: 31841
 Easting: 15206
 Elevation: 6887
 Total Depth: 0

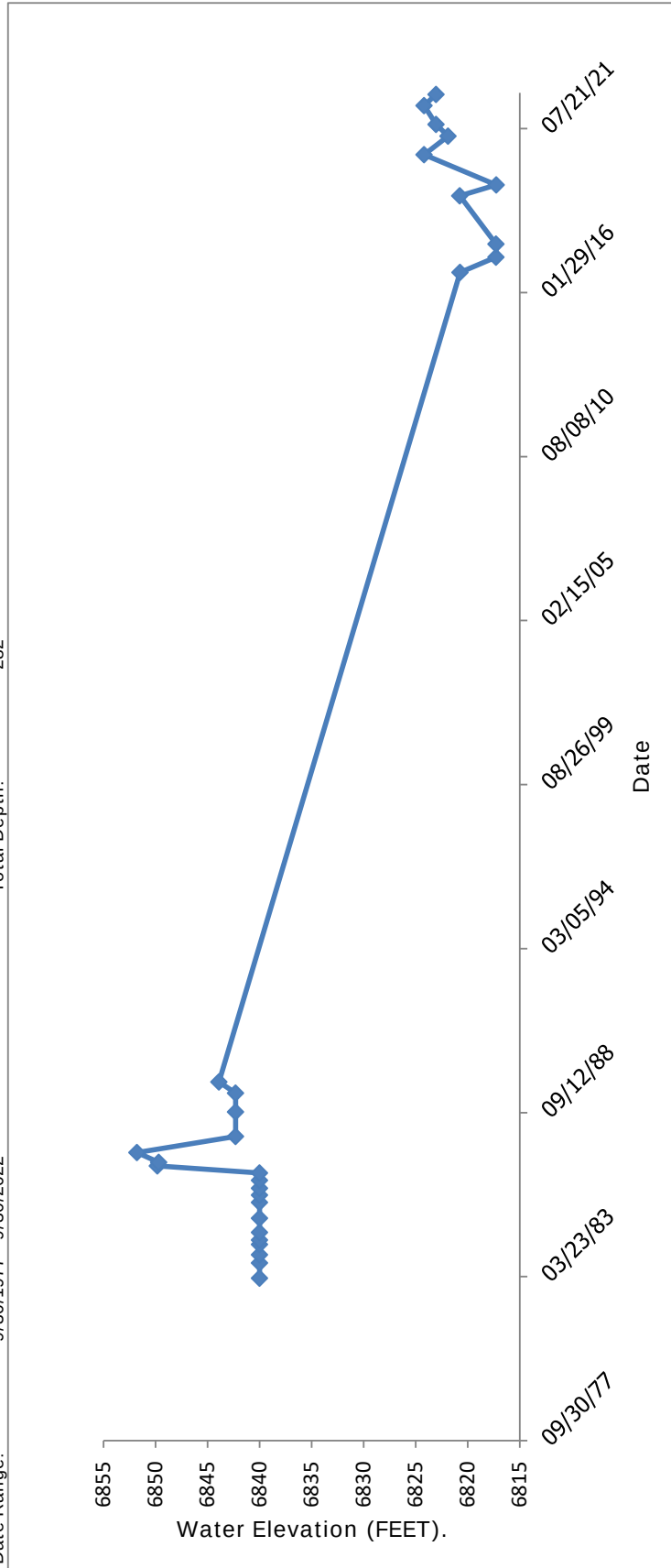




FOIDEL CREEK MINE - 06BR7

Sample Point: 06BR7
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

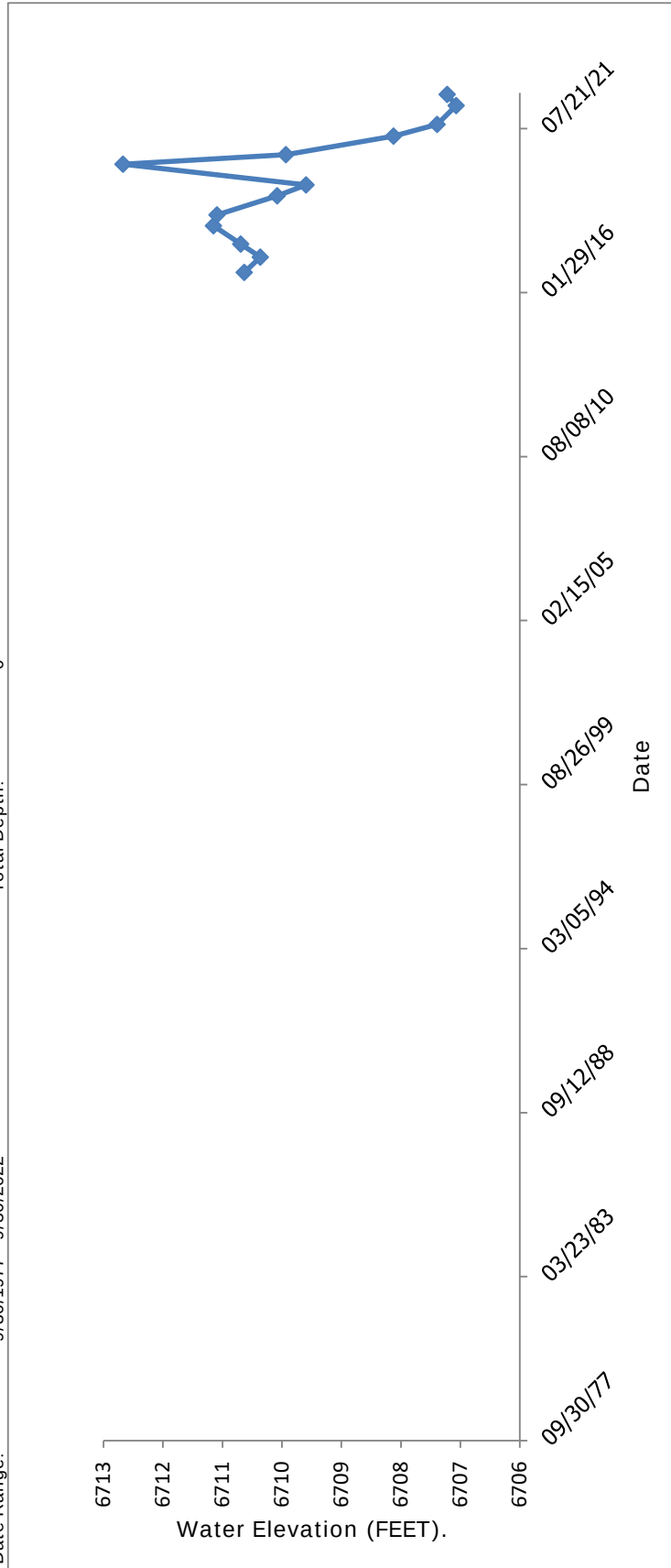
Township: 005N
 Northing: 40480
 Easting: 24778
 Elevation: 6826
 Total Depth: 282
 Range: 086W
 Section: 21



FOIDEL CREEK MINE - 087758

Sample Point: 087758
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

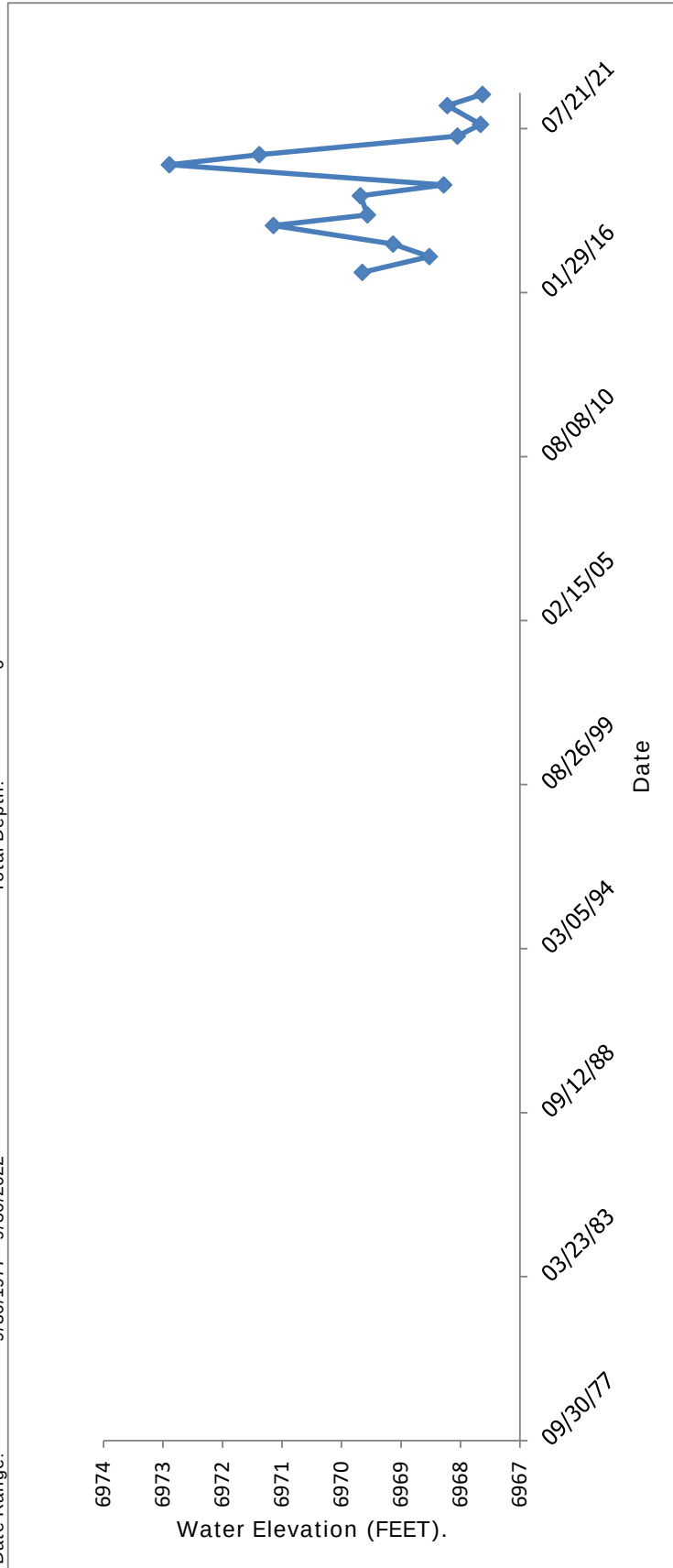
Township: 005N
 Northing: 47765
 Easting: 41776
 Elevation: 6720
 Total Depth: 0
 Range: 086W
 Section: 13



FOIDEL CREEK MINE - 09794

Sample Point: 09794
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

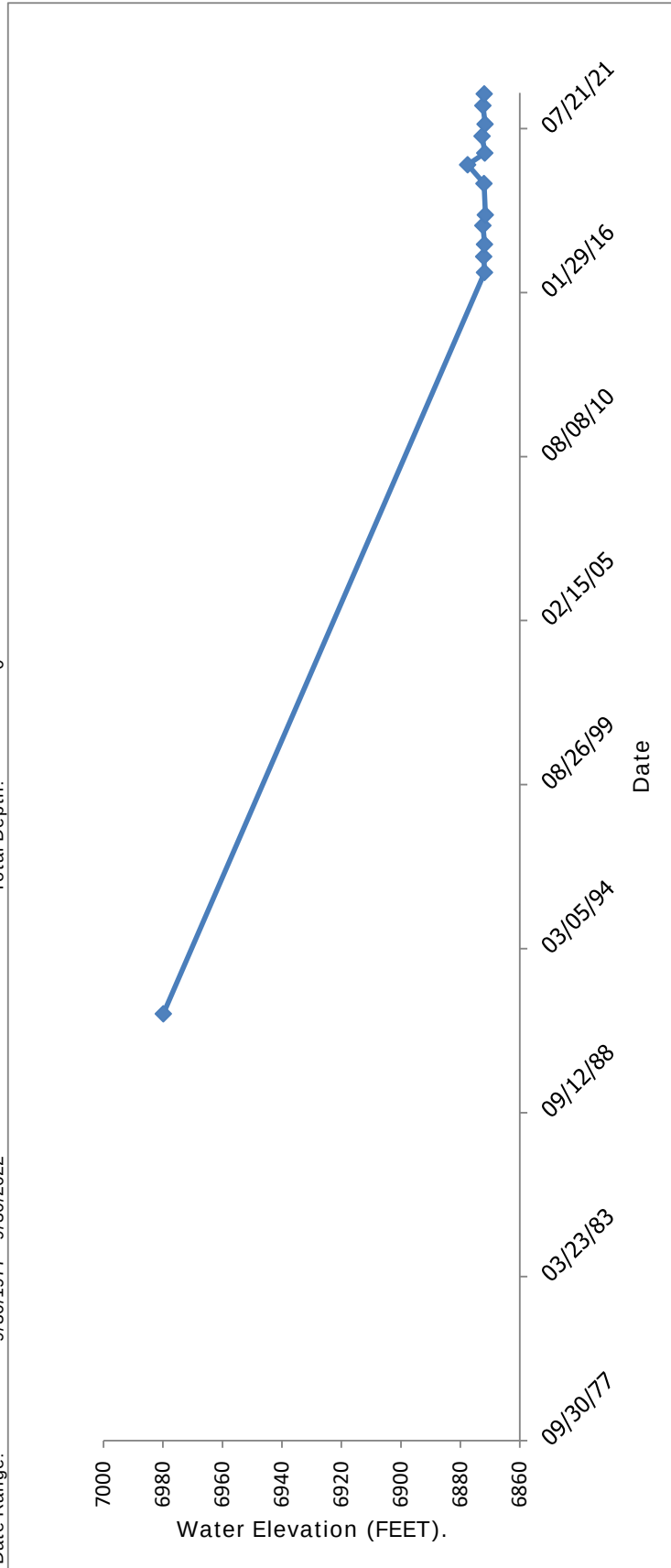
Township: 004N
 Northing: 27250
 Easting: 15170
 Elevation: 7005
 Total Depth: 0
 Range: 086W
 Section: 4



FOIDEL CREEK MINE - 91M001

Sample Point: 91M001
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

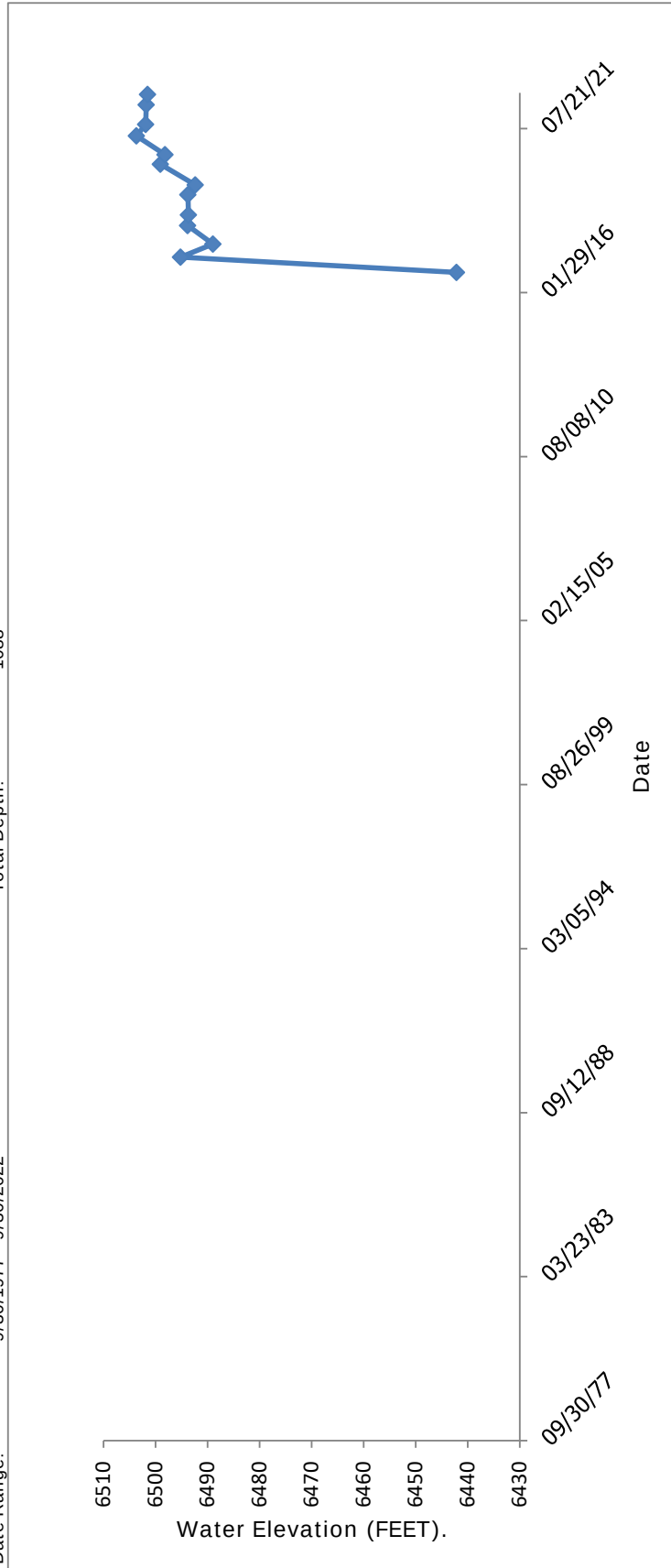
Township: 005N
 Range: 087W
 Section: 25
 Northing: 35254
 Easting: 9331
 Elevation: 6887
 Total Depth: 0



FOIDEL CREEK MINE - 93M001

Sample Point: 93M001
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

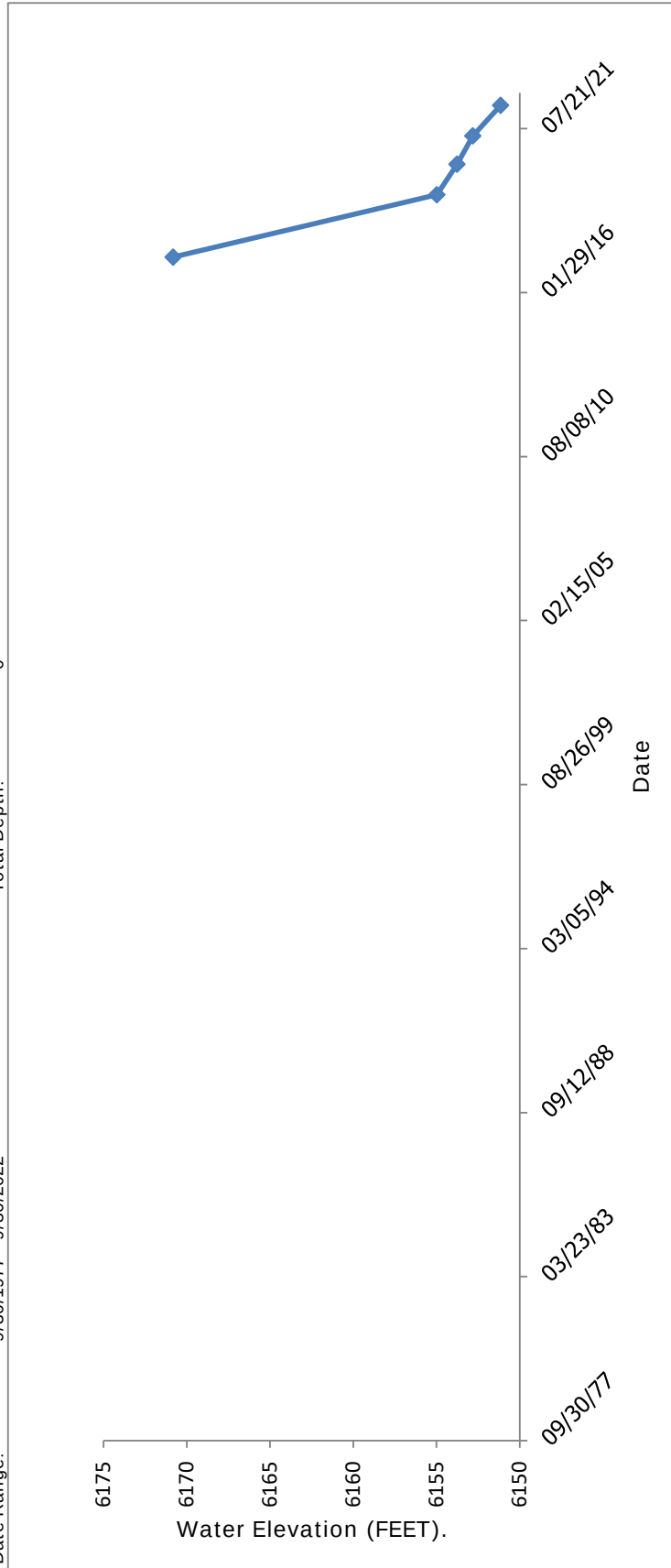
Township: 005N
 Northing: 35973
 Easting: 28329
 Elevation: 7014
 Total Depth: 1088
 Range: 086W
 Section: 27



FOIDEL CREEK MINE - 95M001

Sample Point: 95M001
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

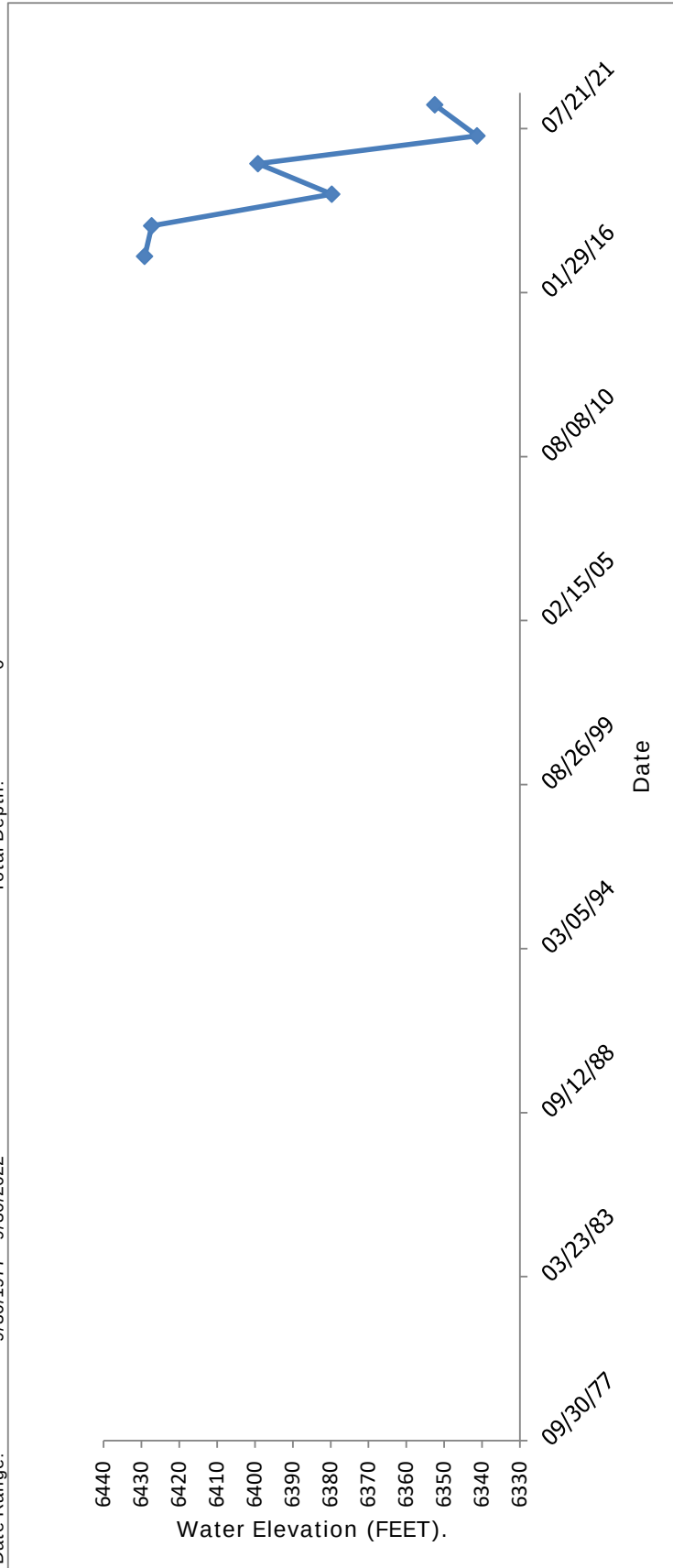
Township: 005N
 Northing: 39934
 Easting: 18553
 Elevation: 7185
 Total Depth: 0
 Range: 086W
 Section: 20



FOIDEL CREEK MINE - 97013TC

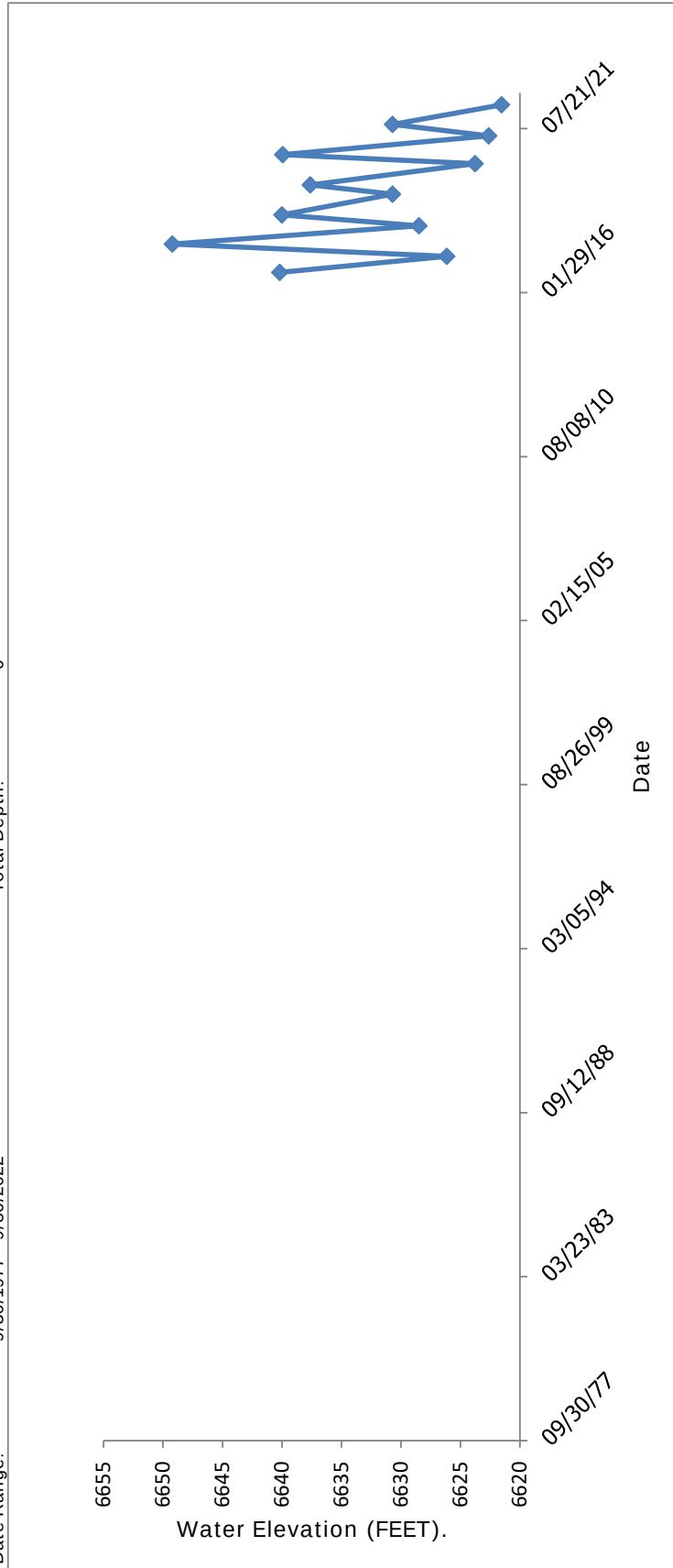
Sample Point: 97013TC
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

Township: 005N
 Northing: 58386
 Easting: 28927
 Elevation: 6685
 Total Depth: 0
 Range: 086W
 Section: 3



FOIDEL CREEK MINE - 97013TM

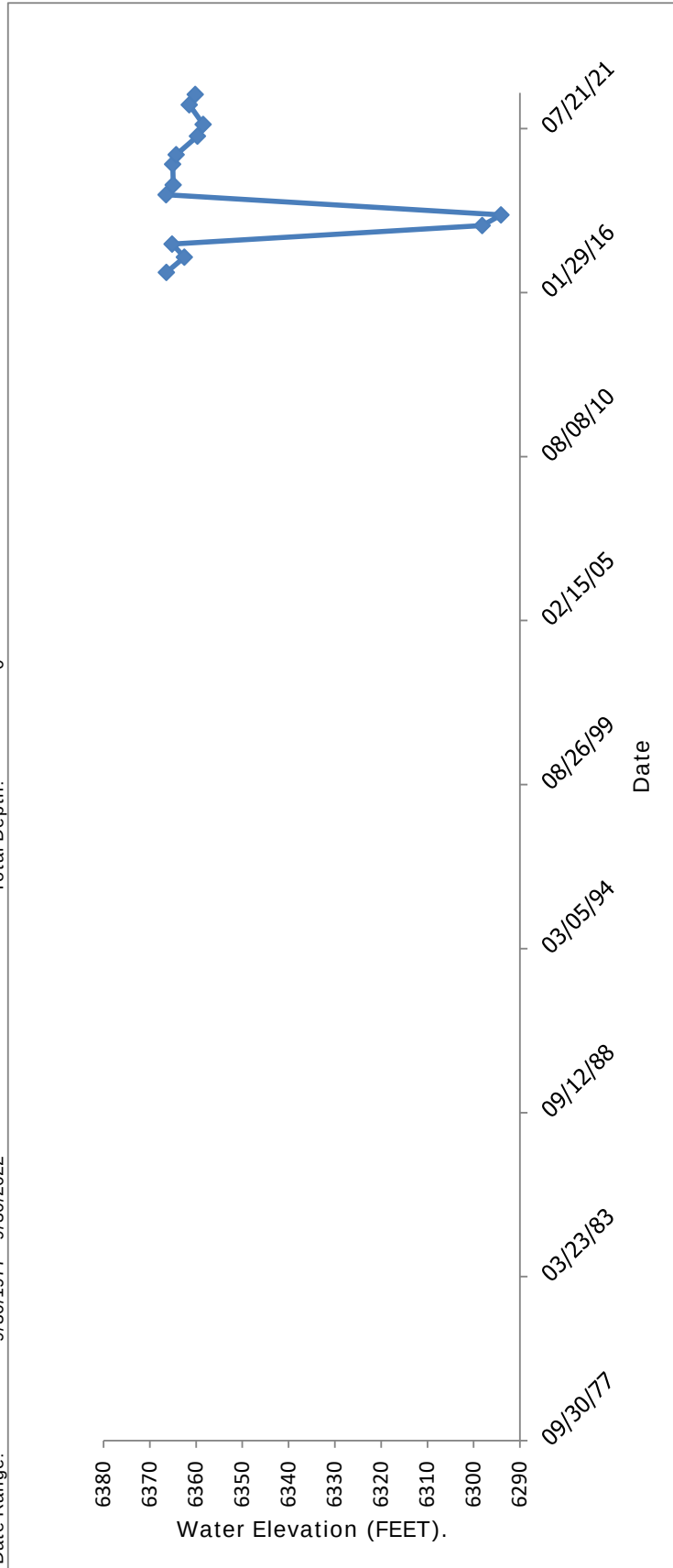
Sample Point: 97013TM
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022
 Township: 005N
 Range: 086W
 Section: 3
 Northing: 58298
 Easting: 28570
 Elevation: 6672
 Total Depth: 0



FOIDEL CREEK MINE - FBR2

Sample Point: FBR2
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

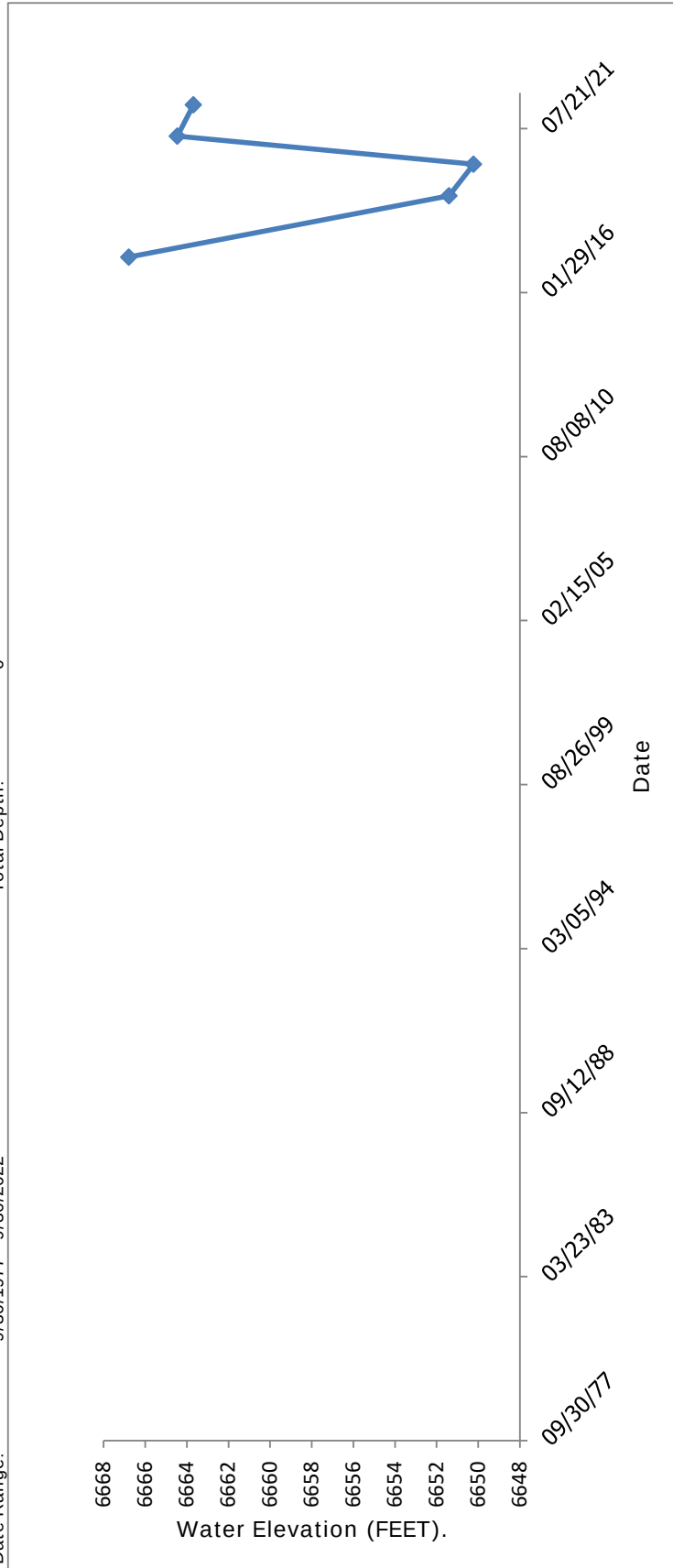
Township: 005N
 Northing: 53026
 Easting: 39025
 Elevation: 6794
 Total Depth: 0
 Range: 086W
 Section: 12



FOIDEL CREEK MINE - FBR2E

Sample Point: FBR2E
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1977 - 9/30/2022

Township: 005N
 Northing: 52928
 Easting: 40831
 Elevation: 6794
 Total Depth: 0
 Range: 086W
 Section: 12



Foidel Creek Mine
2022 Annual Report

Attachment 1

Section 3

Water Quality for Water Year, Life of Well Water Quality Statistics, and Graphs of TDS and Field Conductivity

Ground and Surface Water Quality Report

Sample Point:	008A	Township:	005N	Range:	086W	Section:	13
Mine:	FOIDEL CREEK MINE	Northing:	48368				
State:		Easting:	39687				
Drainage/Geologic Unit:		Elevation:	6739				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection:	
5/2/2022	9/12/2022

Comment(s):

Chemical	Unit
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L
Alkalinity, Bicarbonate as CaCO ₃	1610
Alkalinity, Carbonate as CaCO ₃	1390
Alkalinity, Hydroxide as CaCO ₃	224
Bicarbonate as HCO ₃	< 20
Cadmium, Dissolved	1690
Calcium, Dissolved	0.000063
Carbonate as CO ₃	4.26
Hydroxide as OH	134
Iron, Dissolved	< 20
Lead, Dissolved	0.605
Magnesium, Dissolved	< 0.15
Manganese, Dissolved	2.00
Mercury, Dissolved	0.022
Molybdenum, Dissolved	< 0.001
NO ₃ -NO ₂ Nitrogen	< 0.1
pH Temperature	< 0.1
pH, Field	22.7
pH, Lab	8.92
Phosphorus, Orthophosphorus	9.0
Selenium, Dissolved	0.027
Sodium, Dissolved	< 0.00025
Specific Conductivity, Field	683
Specific Conductivity, Lab	2930
Sulfates	2790
Temperature, Field	< 50
Total Dissolved Solids, Lab	8.7
	1780

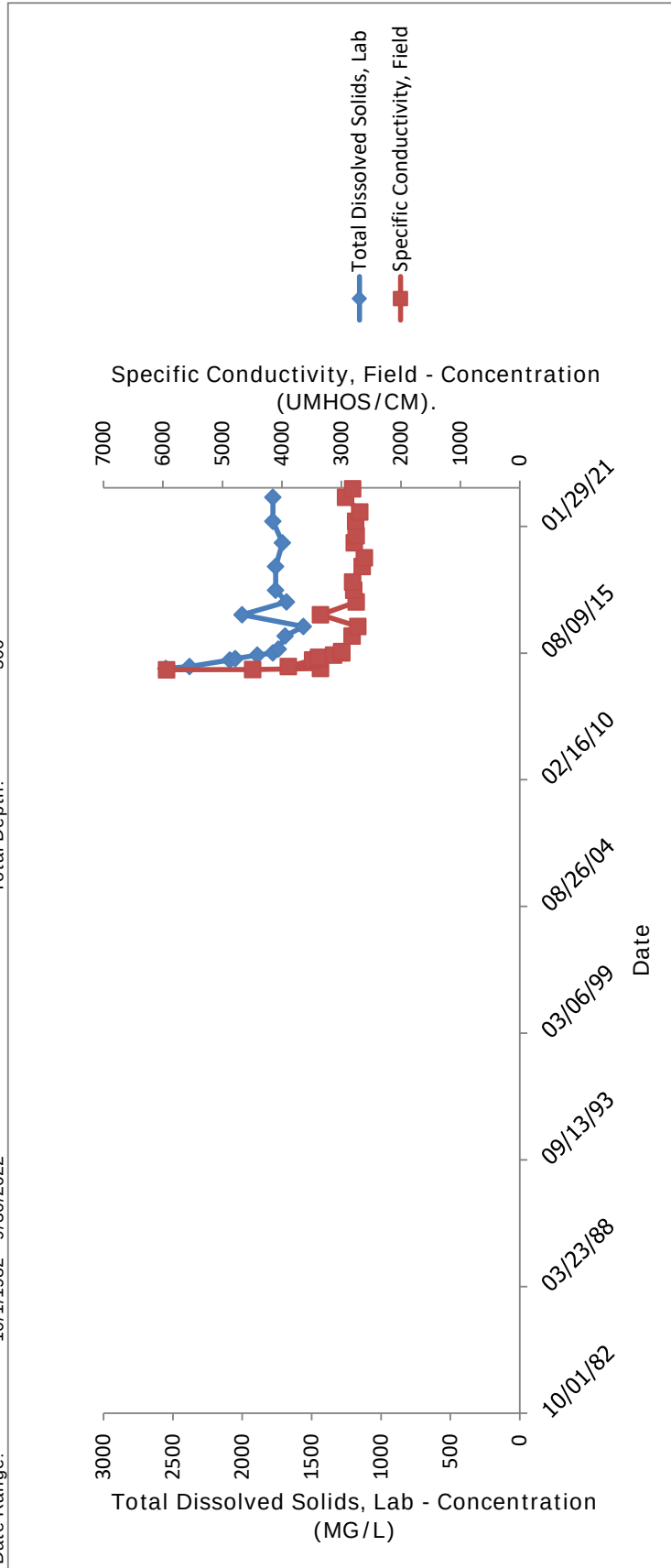
Ground and Surface Water Quality Statistics Report

Sample Point	008A	Township	005N	Range:	086W	Section	13
Mine:	FOIDEL CREEK MINE	Northing	48368				
State:		Easting	39687				
Drainage/Geologic Unit:		Elevation	6739				
Date Range	10/01/1982 to 9/30/2022						
Param Description	Units	Uncensored Data				Censored Data	
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	15	1070	1870	1438.667	225.2258	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	8	684	1700	1243.625	339.6965	0
Alkalinity, Carbonate as CaCO ₃	mg/L	9	182	302	246.4444	43.53766	0
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					5 < 2 < 10
Alkalinity, Total	mg/L	1	1480	1480	1480		0
Bicarbonate as HCO ₃	mg/L	13	946	1770	1353.615	284.1665	0
Cadmium, Dissolved	mg/L	4	6.3E-05	0.0004	0.00016	0.00016	12 < 0.00005 < 0.005
Calcium, Dissolved	mg/L	16	1.8	4.26	2.82	0.70	0
Carbonate as CO ₃	mg/L	13	121	1600	308.1538	391.9358	0
Hardness, Calcium	mg/L	1	303	303	303		0
Hydroxide as OH	mg/L	0					16 < 2 < 20
Iron, Dissolved	mg/L	16	0.14	2.88	0.65	0.64	0
Lead, Dissolved	mg/L	1	0.03	0.03	0.03		15 < 0.03 < 0.3
Magnesium, Dissolved	mg/L	16	1.7	3.8	2.4	0.8	0
Manganese, Dissolved	mg/L	13	0.01	0.033	0.017	0.008	3 < 0.03 < 0.05
Mercury, Dissolved	mg/L	0					16 < 0.0002 < 0.001
Molybdenum, Dissolved	mg/L	0					16 < 0.02 < 0.2
NO ₃ -NO ₂ Nitrogen	mg/L	0					16 < 0.02 < 0.1
pH Temperature	Deg C	16	18.8	23.3	21.3	1.5	0
pH, Field	S.U.	24	8.75	9.9	9.11	0.31	0
pH, Lab	S.U.	15	9	9.6	9.3	0.2	1 < 9.3 < 9.3
Phosphorus, Orthophosphorus	mg/L	9	0.02	0.201	0.049	0.058	7 < 0.01 < 0.05
Selenium, Dissolved	mg/L	8	0.0002	0.001	0.0005	0.0003	8 < 0.0001 < 0.003
Sodium, Dissolved	mg/L	16	457	847	690.6875	88.43734	0
Specific Conductivity, Field	UMHOS/CM	24	2610	5940	3176.667	737.8504	0
Specific Conductivity, Lab	ums/cm	16	2550	3990	2999.375	432.5963	0
Sulfates	mg/L	9	10	740	322.2222	255.9188	7 < 10 < 50
Temperature, Field	Deg C	24	6.4	14.6	11.3	1.9	0
Total Dissolved Solids, Lab	mg/L	16	1560	2550	1887.5	267.2452	0

< - denotes value is below detectable limits
> - denotes value is above detectable limits

FOIDEL CREEK MINE - 008A

Sample Point: 008A
 Mine: FOIDEL CREEK MINE
 State: 005N
 Drainage/Geologic Unit: 48368
 Date Range: 10/1/1982 - 9/30/2022
 Township: 086W
 Range: 13
 Northing: 39687
 Easting: 6739
 Elevation: 500
 Total Depth:



Sample Point:	013A	Township:	005N	Range:	086W	Section:	12
Mine:	FOIDEL CREEK MINE	Northing:	47985				
State:	CO	Easting:	18954				
Drainage/Geologic Unit:		Elevation:	6770				
Date Range:	10/01/2021 - 9/30/2022						

Att-01-27

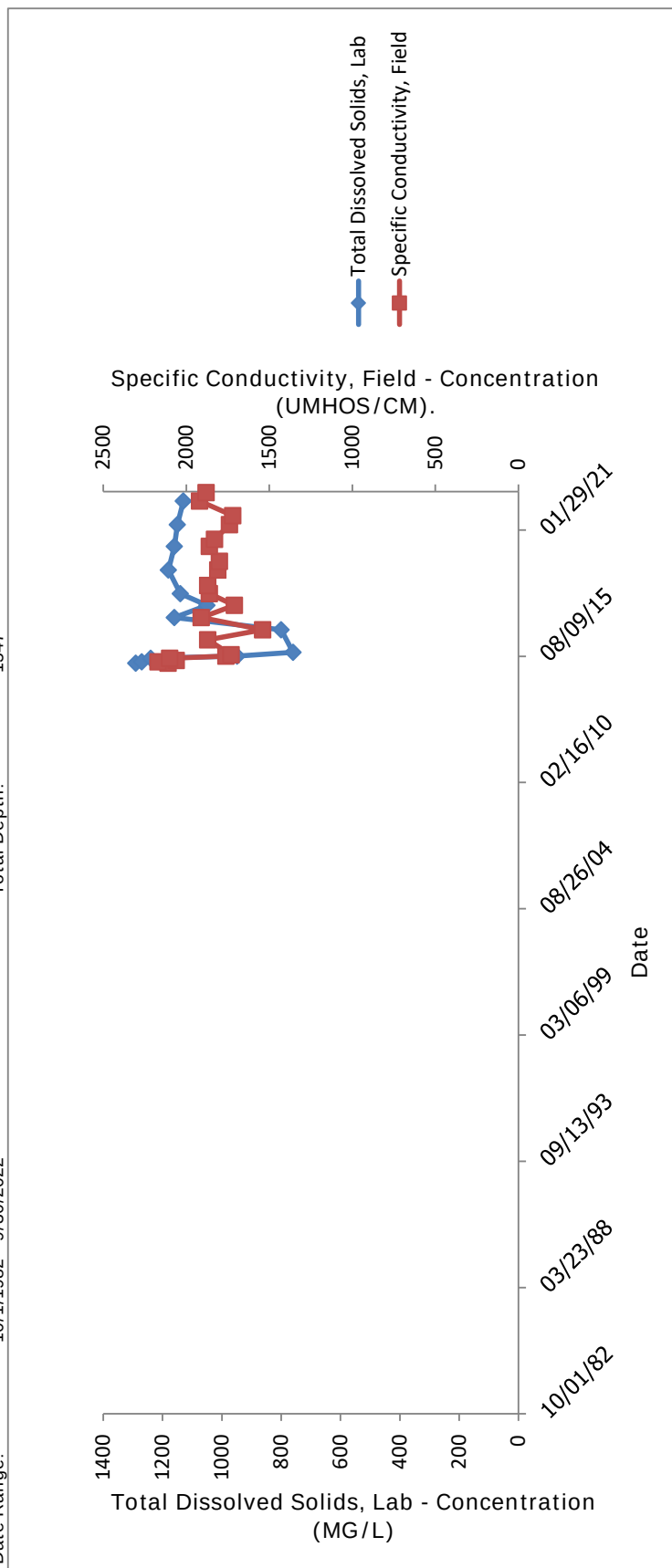
Ground and Surface Water Quality Statistics Report

Sample Point	013A	Township	005N	Range:	086W	Section	12
Mine:	FOIDEL CREEK MINE	Northing	47985				
State:	CO	Easting	18954				
Drainage/Geologic Unit:		Elevation	6770				
Date Range	10/01/1982 to 9/30/2022						
Param Description	Units	Uncensored Data				Censored Data	
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	12	674	1140	993.5833	130.6873	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	4	862	975	929.75	48.36924	0
Alkalinity, Carbonate as CaCO ₃	mg/L	5	40.4	135	89.3	34.2	0
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					5 < 2 < 10
Alkalinity, Total	mg/L	1	712	712	712		0
Bicarbonate as HCO ₃	mg/L	13	640	1190	1017.231	181.61	0
Cadmium, Dissolved	mg/L	1	0.00012	0.00012	0.00012		12 < 0.00005 < 0.005
Calcium, Dissolved	mg/L	13	3	4.71	3.84	0.52	0
Carbonate as CO ₃	mg/L	12	24.2	122	83.5	27.3	0
Hardness, Calcium	mg/L	1	132	132	132		0
Hydroxide as OH	mg/L	0					13 < 2 < 20
Iron, Dissolved	mg/L	13	0.15	1.3	0.53	0.33	0
Lead, Dissolved	mg/L	1	0.03	0.03	0.03		12 < 0.03 < 0.2
Magnesium, Dissolved	mg/L	13	1.4	2.9	1.8	0.4	0
Manganese, Dissolved	mg/L	13	0.009	0.04	0.024	0.011	0
Mercury, Dissolved	mg/L	0					13 < 0.0002 < 0.001
Molybdenum, Dissolved	mg/L	0					13 < 0.02 < 0.1
NO ₃ -NO ₂ Nitrogen	mg/L	2	0.03	0.074	0.052	0.031	11 < 0.02 < 0.1
pH Temperature	Deg C	13	18.5	22.9	20.6	1.5	0
pH, Field	S.U.	20	8.54	9.25	8.82	0.21	0
pH, Lab	S.U.	12	8.6	9.2	9.0	0.2	1 < 9.2 < 9.2
Phosphorus, Orthophosphorus	mg/L	13	0.03	0.35	0.09	0.10	0
Selenium, Dissolved	mg/L	3	0.0001	0.011	0.0038	0.0062	10 < 0.0001 < 0.0003
Sodium, Dissolved	mg/L	13	310	487	422.0769	52.48724	0
Specific Conductivity, Field	UMHOS/CM	20	1540	2170	1862.5	154.8471	0
Specific Conductivity, Lab	ums/cm	13	1360	2170	1799.231	233.2546	0
Sulfates	mg/L	6	20	30	23.33333	5.163978	7 < 10 < 50
Temperature, Field	Deg C	20	12.6	21.4	16.9	3.0	0
Total Dissolved Solids, Lab	mg/L	13	760	1290	1098.308	166.9248	0

< - denotes value is below detectable limits
> - denotes value is above detectable limits

FOIDEL CREEK MINE - 013A

Sample Point: 013A
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1982 - 9/30/2022
 Township: 005N
 Range: 086W
 Section: 12
 Northing: 47985
 Easting: 18954
 Elevation: 6770
 Total Depth: 1547



Ground and Surface Water Quality Report

Sample Point:	068274C	Township:	005N	Range:	086W	Section:	32NWNENW
Mine:	FOIDEL CREEK MINE	Northings:	34185				
State:	CO	Easting:	19150				
Drainage/Geologic Unit:		Elevation:	6841				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection:	5/2/2022	9/12/2022
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Comment(s):

Chemical

Unit

Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	15.4	
Alkalinity, Bicarbonate as CaCO ₃	mg/L	15.4	
Alkalinity, Carbonate as CaCO ₃	mg/L	< 20	
Alkalinity, Hydroxide as CaCO ₃	mg/L	< 20	
Bicarbonate as HCO ₃	mg/L	18.8	
Cadmium, Dissolved	mg/L	< 0.00025	
Calcium, Dissolved	mg/L	139	
Carbonate as CO ₃	mg/L	< 20	
Hydroxide as OH	mg/L	< 20	
Iron, Dissolved	mg/L	0.302	
Lead, Dissolved	mg/L	< 0.15	
Magnesium, Dissolved	mg/L	30.3	
Manganese, Dissolved	mg/L	0.056	
Mercury, Dissolved	mg/L	< 0.001	
Molybdenum, Dissolved	mg/L	< 0.1	
NO ₃ -NO ₂ Nitrogen	mg/L	< 0.1	
pH Temperature	Deg C	22.5	
pH, Field	S.U.	9.32	8.12
pH, Lab	S.U.	7.8	
Phosphorus, Orthophosphorus	mg/L	0.012	
Selenium, Dissolved	mg/L	< 0.00025	
Sodium, Dissolved	mg/L	277	
Specific Conductivity, Field	UMHOS/CM	2190	2110
Specific Conductivity, Lab	ums/cm	2060	
Sulfates	mg/L	988	
Temperature, Field	Deg C	8.6	9.3
Total Dissolved Solids, Lab	mg/L	1500	

Ground and Surface Water Quality Statistics Report

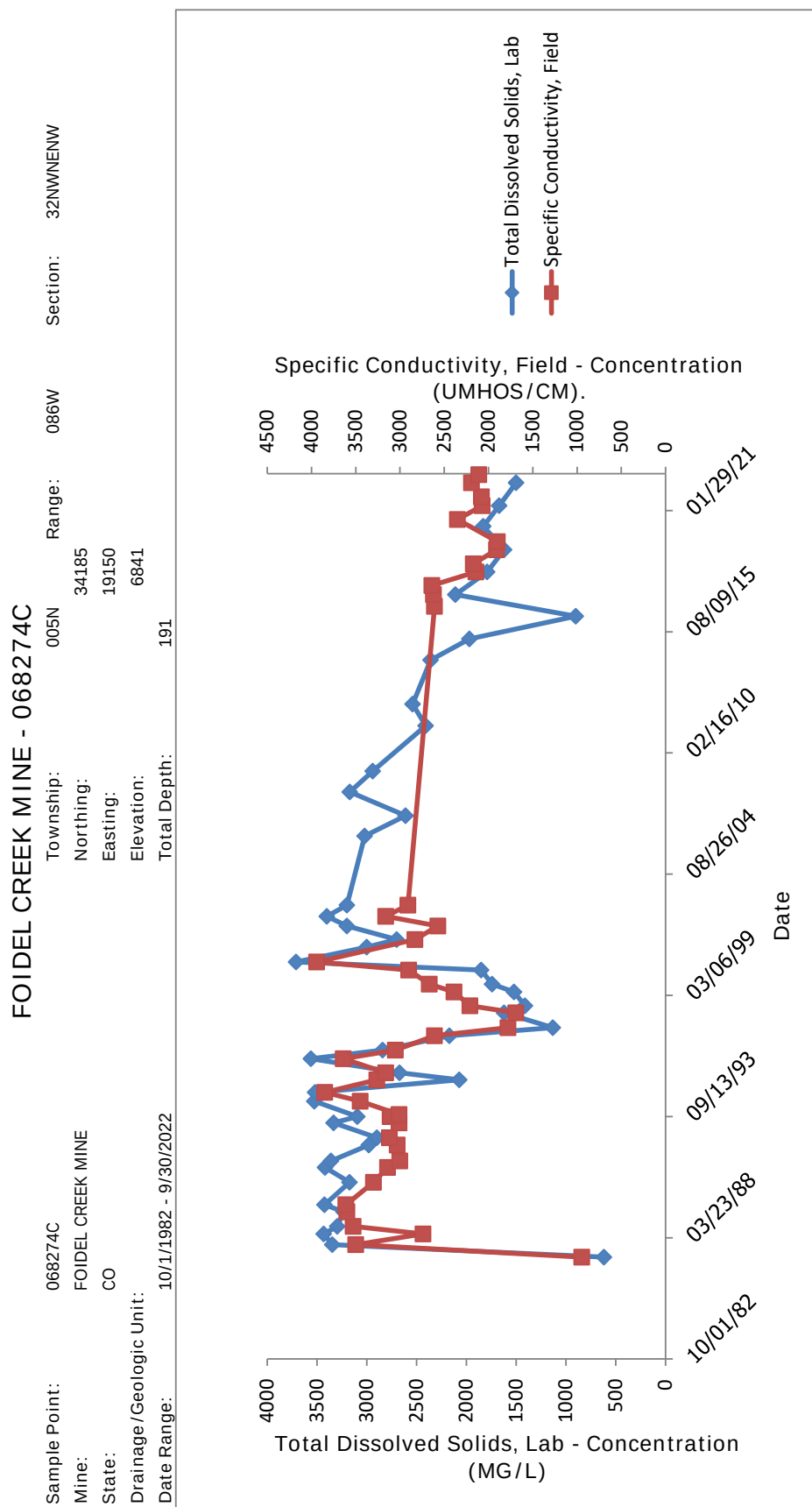
Sample Point 068274C **Township** 005N **Range:** 086W **Section** 32NWNENW
Mine: FOIDEL CREEK MINE **Northing** 34185
State: CO **Easting** 19150
Drainage/Geologic Unit: **Elevation** 6841
Date Range 10/01/1982 to 9/30/2022

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max	Max	
Alkalinity as CaCO3, @ pH 4.5	mg/L	39	6	370	113.4872	126.8452	1	<	10	<	10
Alkalinity, Bicarbonate as CaCO3	mg/L	45	7	451	123.72	143.638	1	<	10	<	10
Alkalinity, Carbonate as CaCO3	mg/L	10	0	190	24.24	58.83346	27	<	1	<	20
Alkalinity, Hydroxide as CaCO3	mg/L	0					5	<	2	<	10
Ammonia Nitrogen	mg/L	1	0.011	0.011	0.011		0				
Ammonium	mg/L	1	2.19	2.19	2.19		0				
Bicarbonate as HCO3	mg/L	5	8.9	19.9	15.7	4.6	1	<	10	<	10
Cadmium, Dissolved	ug/L	6	5.7E-05	0.5	0.11674	0.19403	40	<	0.00005	<	5
Calcium, Dissolved	mg/L	47	1	447	246.1398	128.9357	0				
Carbonate as CO3	mg/L	0					5	<	2	<	20
Hardness, Calcium	mg/L	25	6.6	2371	1446.9	729.5	1	<	2	<	2
Hydroxide as OH	mg/L	0					25	<	2	<	20
Iron, Dissolved	ug/L	39	0.02	31200	2269.63	7018.20	8	<	0.1	<	100
Iron, Total Recoverable	ug/L	1	2940	2940	2940		0				
Lead, Dissolved	ug/L	5	20	100	42	33.4664	42	<	0.03	<	200
Magnesium, Dissolved	mg/L	47	0.32	318	161.60	102.48	0				
Manganese, Dissolved	ug/L	46	0.056	1390	327.936	355.873	1	<	10	<	10
Mercury, Dissolved	ug/L	1	0.1	0.1	0.1		46	<	0.0002	<	0.2
Molybdenum, Dissolved	ug/L	1	20	20	20		46	<	0.02	<	100
Nitrate Nitrogen	mg/L	9	0.02	0.13	0.04	0.04	23	<	0.01	<	0.03
Nitrite Nitrogen	mg/L	2	0.01	0.02	0.02	0.01	15	<	0.01	<	0.02
NO3-NO2 Nitrogen	mg/L	16	0.02	0.33	0.07	0.09	31	<	0.01	<	0.1
pH Temperature	Deg C	15	18	26	21.75333	1.924974	0				
pH, Field	S.U.	44	6.9	9.33	8.01	0.64	0				
pH, Lab	S.U.	28	5.9	9.2	7.8	0.7	0				
Phosphorus, Dissolved	mg/L	1	0.01	0.01	0.01		0				
Phosphorus, Orthophosphorus	mg/L	14	0.005	0.792	0.070	0.208	32	<	0.005	<	0.05
Selenium, Dissolved	ug/L	11	0.0001	267000	24273.6400	80503.2300	36	<	0.0001	<	10
Sodium Adsorption Ratio	RATIO	25	1.542	19	4.099	3.853	0				
Sodium, Dissolved	mg/L	47	55.8	566	261.7	97.7	0				

Specific Conductivity, Field	44	947	3940	2761.523	647.8599	0
Specific Conductivity, Lab	47	1150	3800	2883.213	646.8434	0
Sulfates	47	43	2552	1599.489	641.5967	0
Temperature, Field	44	8	16	10.85455	2.094784	0
Total Dissolved Solids, Lab	47	618	3710	2571.958	817.5131	0

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Ground and Surface Water Quality Report

Sample Point:	06BR7	Township:	005N	Range:	086W	Section:	21
Mine:	FOIDEL CREEK MINE	Northing:	40480				
State:	CO	Easting:	24778				
Drainage/Geologic Unit:		Elevation:	6826				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection: 4/28/2022 9/12/2022

Comment(s):

Chemical

pH, Field

Specific Conductivity, Field
Temperature, Field

Unit

S.U. 7.62 7.54
UMHOS/CM 560 550
Deg C 8.3 9.1

Ground and Surface Water Quality Statistics Report

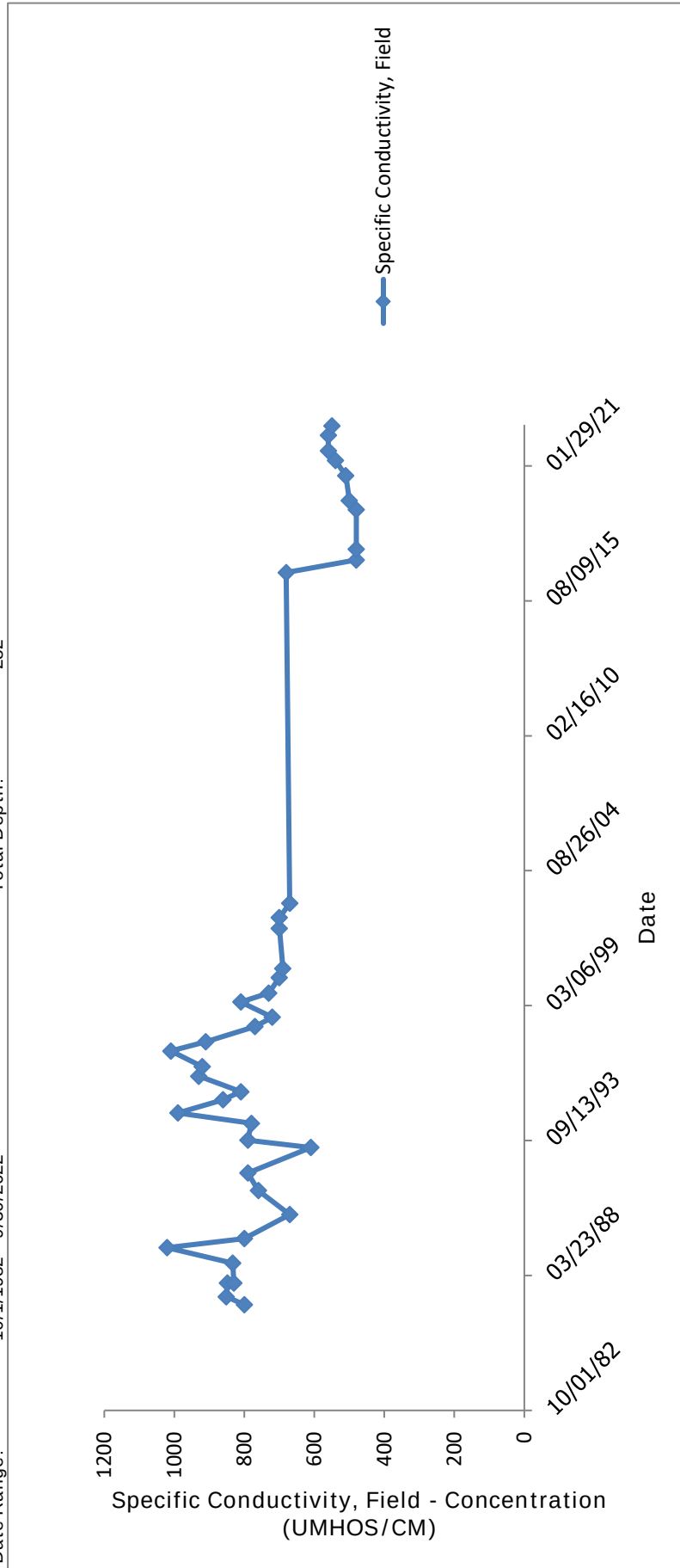
Sample Point	06BR7	Township	005N	Range:	086W	Section	21
Mine:	FOIDEL CREEK MINE	Northing	40480				
State:	CO	Easting	24778				
Drainage/Geologic Unit:		Elevation	6826				
Date Range	10/01/1982 to 9/30/2022						

<u>Parm Description</u>	<u>Units</u>	<u>Uncensored Data</u>				<u>Censored Data</u>			
		<u>Count</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Std.Dev.</u>	<u>Count</u>	<u>Min</u>	<u>Max</u>
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	5	331	400	363.6	32.09829	0		
Alkalinity, Bicarbonate as CaCO ₃	mg/L	5	367.2	430.8	391.2	29.9	0		
Alkalinity, Carbonate as CaCO ₃	mg/L	5	17	32	24.28	6.344446	0		
Ammonia Nitrogen	mg/L	1	0.059	0.059	0.059		0		
Ammonium	mg/L	1	0.65	0.65	0.65		0		
Cadmium, Dissolved	ug/L	1	0.1	0.1	0.1		4	0.5	0.5
Calcium, Dissolved	mg/L	4	1.4	3.7	2.5	1.1	1	2	2
Hardness, Calcium	mg/L	4	3	13	7	4.320494	1	1	1
Hydroxide as OH	mg/L	0					4	2	2
Iron, Dissolved	ug/L	4	30	90	52.5	26.29956	1	100	100
Lead, Dissolved	ug/L	1	40	40	40		4	20	200
Magnesium, Dissolved	mg/L	3	0.4	1	0.6	0.3	2	1	2
Manganese, Dissolved	ug/L	1	19	19	19		4	5	50
Mercury, Dissolved	ug/L	0					5	0.2	0.2
Molybdenum, Dissolved	ug/L	0					5	10	100
Nitrate Nitrogen	mg/L	2	0.04	0.1	0.07	0.04	3	0.02	0.02
Nitrite Nitrogen	mg/L	0					4	0.01	0.01
NO ₃ -NO ₂ Nitrogen	mg/L	2	0.04	0.1	0.07	0.04	3	0.02	0.02
pH, Field	S.U.	39	7.54	9.7	8.66	0.65	0		
pH, Lab	S.U.	1	8.6	8.6	8.6		0		
Phosphorus, Orthophosphorus	mg/L	5	0.024	0.078	0.049	0.024	0		
Selenium, Dissolved	ug/L	0					5	1	1
Sodium Adsorption Ratio	RATIO	4	22.4	50.221	37.130	11.760	1	0.03	0.03
Sodium, Dissolved	mg/L	5	186	214	200.6	12.40161	0		
Specific Conductivity, Field	UMHOS/CM	39	480	1021	734.4872	152.4686	0		
Specific Conductivity, Lab	UMHOS/CM	5	722	855	798.6	50.96371	0		
Sulfates	mg/L	5	50	100	75.8	22.76401	0		
Temperature, Field	Deg C	39	4	19	11.42821	3.579249	0		
Total Dissolved Solids, Lab	mg/L	5	440	540	488	38.34058	0		

< - denotes value is below detectable limits
> - denotes value is above detectable limits

FOIDEL CREEK MINE - 06BR7

Sample Point: 06BR7 Township: 005N Range: 086W Section: 21
 Mine: FOIDEL CREEK MINE Northing: 40480
 State: CO Easting: 24778
 Drainage/Geologic Unit: Elevation: 6826
 Date Range: 10/1/1982 - 9/30/2022 Total Depth: 282



Sample Point:	087758	Township:	005N	Range:	086W	Section:	13
Mine:	FOIDEL CREEK MINE	Northing:	47765				
State:	CO	Easting:	41776				
Drainage/Geologic Unit:		Elevation:	6720				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection:	4/28/2022	9/12/2022
Comment(s):		
Chemical	Unit	
Alkalinity as CaCO3, @ pH 4.5	mg/L	425
Alkalinity, Bicarbonate as CaCO3	mg/L	411
Alkalinity, Carbonate as CaCO3	mg/L	13.8
Alkalinity, Hydroxide as CaCO3	mg/L	< 20
Bicarbonate as HCO3	mg/L	501
Cadmium, Dissolved	mg/L	< 0.00025
Calcium, Dissolved	mg/L	73.1
Carbonate as CO3	mg/L	8.3
Hydroxide as OH	mg/L	< 20
Iron, Dissolved	mg/L	0.260
Lead, Dissolved	mg/L	< 0.15
Magnesium, Dissolved	mg/L	49.5
Manganese, Dissolved	mg/L	0.025
Mercury, Dissolved	mg/L	< 0.001
Molybdenum, Dissolved	mg/L	< 0.1
NO3-NO2 Nitrogen	mg/L	0.021
pH Temperature	Deg C	22.8
pH, Field	S.U.	7.51
pH, Lab	S.U.	8.3
Phosphorus, Orthophosphorus	mg/L	< 0.05
Selenium, Dissolved	mg/L	< 0.00025
Sodium, Dissolved	mg/L	191
Specific Conductivity, Field	UMHOS/CM	1520
Specific Conductivity, Lab	ums/cm	1450
Sulfates	mg/L	358
Temperature, Field	Deg C	10.9
Total Dissolved Solids, Lab	mg/L	980
		1510
		10.6

Ground and Surface Water Quality Statistics Report

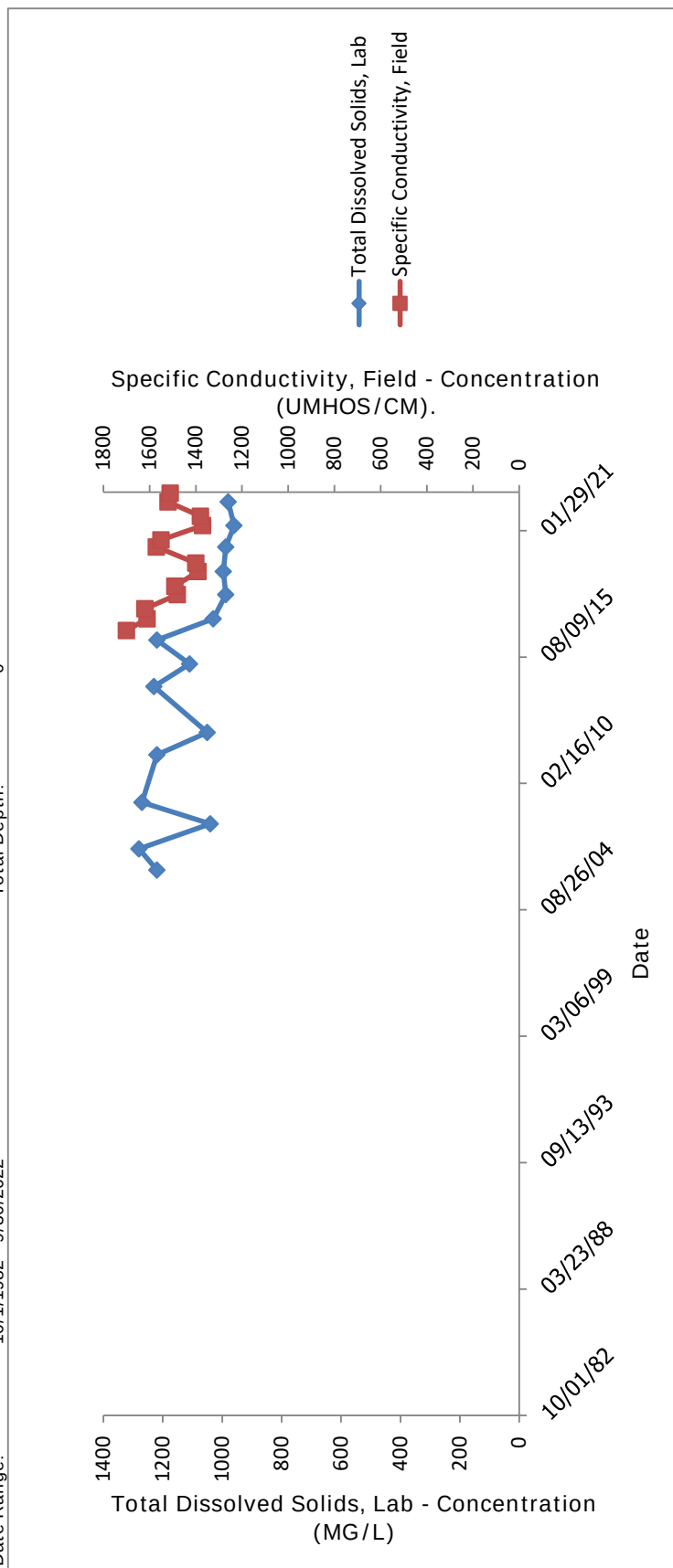
Sample Point	087758	Township	005N	Range:	086W	Section	13
Mine:	FOIDEL CREEK MINE	Northing	47765				
State:	CO	Easting	41776				
Drainage/Geologic Unit:		Elevation	6720				
Date Range	10/01/1982 to 9/30/2022						
Param Description	Units	Uncensored Data				Censored Data	
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	15	351	460	429.0667	26.0205	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	15	408	559	484.1333	49.81088	0
Alkalinity, Carbonate as CaCO ₃	mg/L	7	4	19.6	9.9	6.9	8 < 2 < 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					5 < 2 < 10
Bicarbonate as HCO ₃	mg/L	5	498	561	524.4	26.08256	0
Cadmium, Dissolved	mg/L	2	6E-05	0.0001	0.0001	0.0000	13 < 0.00005 < 0.0005
Calcium, Dissolved	mg/L	15	51.2	131	84.8	29.0	0
Carbonate as CO ₃	mg/L	2	8.3	11.8	10.1	2.5	2 < 2 < 10
Hardness, Calcium	mg/L	0					1 < 2 < 2
Hydroxide as OH	mg/L	0					15 < 2 < 20
Iron, Dissolved	mg/L	11	0.03	0.26	0.12	0.06	4 < 0.05 < 0.05
Lead, Dissolved	mg/L	1	0.039	0.039	0.039		14 < 0.03 < 0.2
Magnesium, Dissolved	mg/L	15	35.6	91.8	58.4	20.1	0
Manganese, Dissolved	mg/L	13	0.01	0.028	0.017	0.006	2 < 0.01 < 0.03
Mercury, Dissolved	mg/L	0					15 < 0.0002 < 0.001
Molybdenum, Dissolved	mg/L	1	0.01	0.01	0.01		14 < 0.02 < 0.1
NO ₃ -NO ₂ Nitrogen	mg/L	9	0.02	1.19	0.17	0.38	6 < 0.02 < 0.1
pH Temperature	Deg C	15	19.4	26	22.0	1.8	0
pH, Field	S.U.	13	7.49	7.74	7.56	0.06	0
pH, Lab	S.U.	15	8	8.5	8.2	0.1	0
Phosphorus, Dissolved	mg/L	0					1 < 0.05 < 0.05
Phosphorus, Orthophosphorus	mg/L	6	0.01	0.2	0.05	0.07	8 < 0.01 < 0.05
Selenium, Dissolved	mg/L	0					15 < 0.0001 < 0.0005
Sodium, Dissolved	mg/L	15	155	278	203.4	33.37621	0
Specific Conductivity, Field	UMHOS/CM	13	1370	1700	1506.923	103.1491	0
Specific Conductivity, Lab	ums/cm	15	1410	1770	1586	132.5465	0
Sulfates	mg/L	15	351	600	458.6	102.8715	0
Temperature, Field	Deg C	13	9.9	11.5	10.6	0.5	0
Total Dissolved Solids, Lab	mg/L	15	960	1280	1105.467	120.1058	0

< - denotes value is below detectable limits
> - denotes value is above detectable limits

FOIDEL CREEK MINE - 087758

Sample Point: 087758
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1982 - 9/30/2022

Township: 005N
 Northing: 47765
 Easting: 41776
 Elevation: 6720
 Total Depth: 0
 Range: 086W
 Section: 13



Sample Point:	09794	Township:	004N	Range:	086W	Section:	4
Mine:	FOIDEL CREEK MINE	Northing:	27250				
State:	CO	Easting:	15170				
Drainage/Geologic Unit:		Elevation:	7005				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection:	4/28/2022	9/12/2022
Comment(s):		
Chemical	Unit	
Alkalinity as CaCO3, @ pH 4.5	mg/L	356
Alkalinity, Bicarbonate as CaCO3	mg/L	341
Alkalinity, Carbonate as CaCO3	mg/L	14.5
Alkalinity, Hydroxide as CaCO3	mg/L	< 20
Bicarbonate as HCO3	mg/L	416
Cadmium, Dissolved	mg/L	< 0.00025
Calcium, Dissolved	mg/L	13.0
Carbonate as CO3	mg/L	8.7
Hydroxide as OH	mg/L	< 20
Iron, Dissolved	mg/L	1.12
Lead, Dissolved	mg/L	< 0.15
Magnesium, Dissolved	mg/L	7.33
Manganese, Dissolved	mg/L	0.010
Mercury, Dissolved	mg/L	< 0.001
Molybdenum, Dissolved	mg/L	< 0.1
NO3-NO2 Nitrogen	mg/L	0.074
pH Temperature	Deg C	22.4
pH, Field	S.U.	7.61
pH, Lab	S.U.	8.4
Phosphorus, Orthophosphorus	mg/L	0.014
Selenium, Dissolved	mg/L	< 0.00025
Sodium, Dissolved	mg/L	183
Specific Conductivity, Field	UMHOS/CM	940
Specific Conductivity, Lab	ums/cm	881
Sulfates	mg/L	116
Temperature, Field	Deg C	10
Total Dissolved Solids, Lab	mg/L	570
		9.8

Ground and Surface Water Quality Statistics Report

Sample Point 09794 **Township** 004N **Range:** 086W **Section** 4
Mine: FOIDEL CREEK MINE
State: CO **Northing** 27250
Drainage/Geologic Unit: **Easting** 15170
Date Range 10/01/1982 to 9/30/2022 **Elevation** 7005

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Alkalinity as CaCO3, @ pH 4.5	mg/L	16	325	392	360.6875	17.18805	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	16	319	478	400.6875	43.93437	0				
Alkalinity, Carbonate as CaCO3	mg/L	11	3.8	36.5	11.9	9.4	5	< 10	< 20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					5	< 2	< 10		
Bicarbonate as HCO3	mg/L	6	389	444	425.6667	20.21551	0				
Cadmium, Dissolved	mg/L	1	0.0002	0.0002	0.0002		15	< 0.00005	< 0.0005		
Calcium, Dissolved	mg/L	16	9.4	24.7	12.2	3.8	0				
Carbonate as CO3	mg/L	4	3.4	11.5	8.5	3.6	1	< 10	< 10		
Hardness, Calcium	mg/L	1	6.3	6.3	6.3		0				
Hydroxide as OH	mg/L	0					16	< 2	< 20		
Iron, Dissolved	mg/L	15	0.02	1.12	0.18	0.28	1	< 0.05	< 0.05		
Lead, Dissolved	mg/L	0					16	< 0.03	< 0.2		
Magnesium, Dissolved	mg/L	16	5.2	13.7	6.9	2.1	0				
Manganese, Dissolved	mg/L	6	0.006	0.011	0.009	0.002	10	< 0.005	< 0.03		
Mercury, Dissolved	mg/L	0					16	< 0.0002	< 0.001		
Molybdenum, Dissolved	mg/L	0					16	< 0.02	< 0.1		
NO3-NO2 Nitrogen	mg/L	13	0.02	0.9	0.21	0.27	3	< 0.1	< 0.1		
pH Temperature	Deg C	16	19	25	21.65	1.327655	0				
pH, Field	S.U.	13	7.49	8.78	7.71	0.34	0				
pH, Lab	S.U.	16	7.8	8.6	8.3	0.2	0				
Phosphorus, Dissolved	mg/L	1	0.02	0.02	0.02		0				
Phosphorus, Orthophosphorus	mg/L	11	0.01	0.16	0.03	0.04	4	< 0.01	< 0.05		
Selenium, Dissolved	mg/L	1	0.0001	0.0001	0.0001		15	< 0.0001	< 0.0005		
Sodium, Dissolved	mg/L	16	176	212	191.6875	10.65657	0				
Specific Conductivity, Field	UMHOS/CM	13	870	1030	931.5385	49.30283	0				
Specific Conductivity, Lab	ums/cm	16	848	1010	919.6875	50.76445	0				
Sulfates	mg/L	16	110	150	128.5	14.28286	0				
Temperature, Field	Deg C	13	9.2	10.9	10.0	0.6	0				
Total Dissolved Solids, Lab	mg/L	16	540	630	579.5	26.59825	0				

< - denotes value is below detectable limits
> - denotes value is above detectable limits

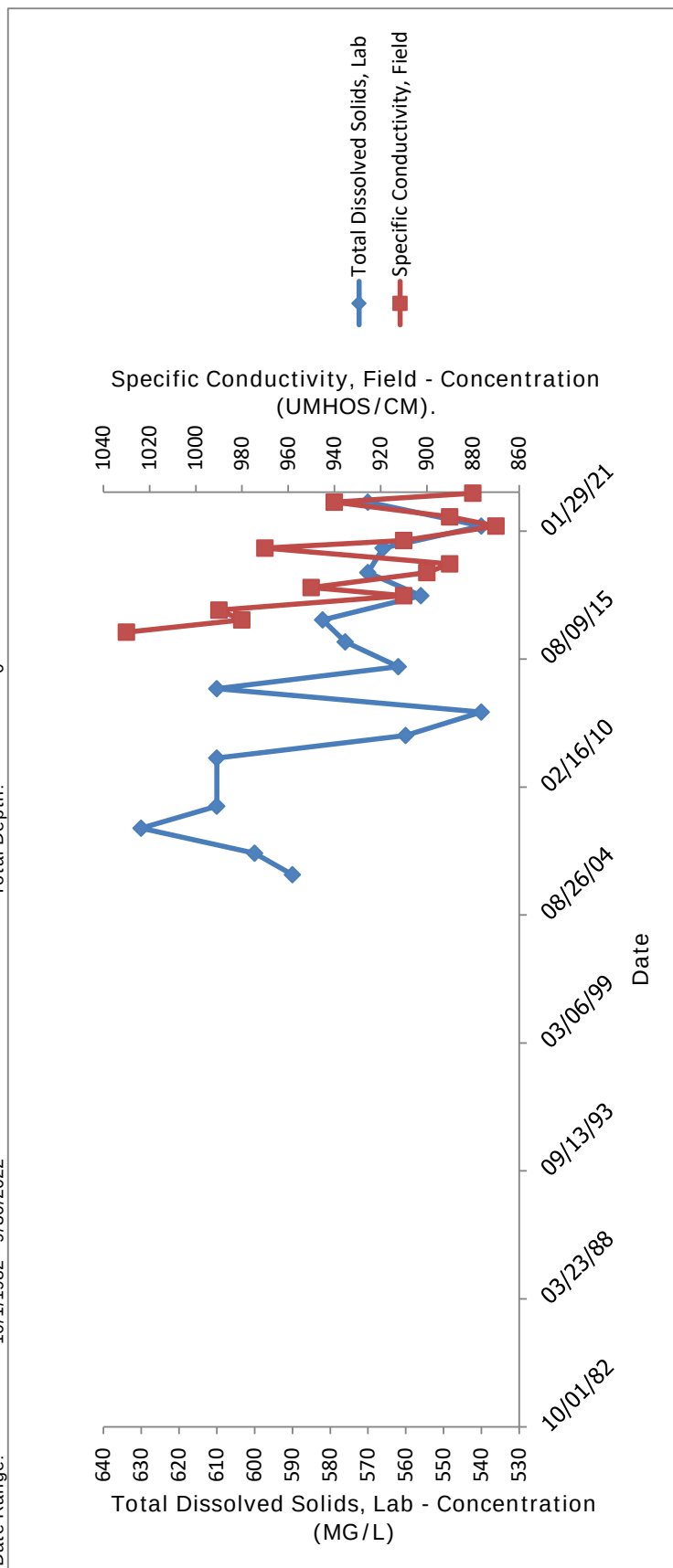
FOIDEL CREEK MINE - 09794

Sample Point: 09794
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1982 - 9/30/2022

Township: 004N
 Northing: 27250
 Easting: 15170
 Elevation: 7005
 Total Depth: 0

Section: 4

Range: 086W



Ground and Surface Water Quality Report

Sample Point:	93M001	Township:	005N	Range:	086W	Section:	27
Mine:	FOIDEL CREEK MINE	Northings:	35973				
State:	CO	Easting:	28329				
Drainage/Geologic Unit:		Elevation:	7014				
Date Range:	10/01/2021 - 9/30/2022						
Date(s) of Collection:	5/6/2022	9/12/2022					
Comment(s):	Chemical	Unit					
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	946					
Alkalinity, Bicarbonate as CaCO ₃	mg/L	607					
Alkalinity, Carbonate as CaCO ₃	mg/L	339					
Alkalinity, Hydroxide as CaCO ₃	mg/L	< 20					
Bicarbonate as HCO ₃	mg/L	740					
Cadmium, Dissolved	mg/L	< 0.00025					
Calcium, Dissolved	mg/L	1.78					
Carbonate as CO ₃	mg/L	203					
Hydroxide as OH	mg/L	< 20					
Iron, Dissolved	mg/L	< 0.15					
Lead, Dissolved	mg/L	< 0.15					
Magnesium, Dissolved	mg/L	1.20					
Manganese, Dissolved	mg/L	< 0.05					
Mercury, Dissolved	mg/L	< 0.001					
Molybdenum, Dissolved	mg/L	< 0.1					
NO ₃ -NO ₂ Nitrogen	mg/L	< 0.1					
pH Temperature	Deg C	20.8					
pH, Field	S.U.	9.48			9.46		
pH, Lab	S.U.	9.7					
Phosphorus, Orthophosphorus	mg/L	0.029					
Selenium, Dissolved	mg/L	< 0.00025					
Sodium, Dissolved	mg/L	438					
Specific Conductivity, Field	UMHOS/CM	1980			1950		
Specific Conductivity, Lab	ums/cm	1920					
Sulfates	mg/L	< 50					
Temperature, Field	Deg C	12.1			11.2		
Total Dissolved Solids, Lab	mg/L	1120					

Ground and Surface Water Quality Statistics Report

93M001		Township		005N		Range:		086W		Section		27	
FOIDEL CREEK MINE		Northing		35973									
CO		Easting		28329									
Drainage/Geologic Unit:		Elevation		7014									
Date Range		10/01/1982 to 9/30/2022											
Parm Description		Uncensored Data						Censored Data					
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max				
Alkalinity as CaCO3, @ pH 4.5		29	478	1090	926.8621	137.6703	0						
Alkalinity, Bicarbonate as CaCO3		34	105	908	683.3882	189.4093	0						
Alkalinity, Carbonate as CaCO3		35	111	359	228.96	77.17844	0						
Alkalinity, Hydroxide as CaCO3		0					5	<	2	<	10		
Ammonium		1	5	5	5		0						
Bicarbonate as HCO3		5	606	784	717	67.40178	0						
Cadmium, Dissolved		0					35	<	0.00005	<	5		
Cadmium, Total Recoverable		1	0.4	0.4	0.4		0						
Calcium, Dissolved		35	1.3	17.8	2.4	2.8	0						
Carbonate as CO3		5	195	739	307.6	241.18	0						
Hardness, Calcium		15	6	331	34.13334	82.46633	0						
Hydroxide as OH		2	0	0	0	0	25	<	2	<	20		
Iron, Dissolved		25	0.02	4970	251.39	985.82	10	<	0.05	<	10		
Iron, Total Recoverable		1	24500	24500	24500		0						
Lead, Dissolved		0					35	<	0.03	<	80		
Magnesium, Dissolved		35	0.5	5	1.4	0.9	0						
Manganese, Dissolved		3	0.01	22	9.00	11.53	32	<	0.005	<	20		
Manganese, Total Recoverable		1	120	120	120		0						
Mercury, Dissolved		0					35	<	0.0002	<	0.2		
Mercury, Total Recoverable		0					1	<	0.2	<	0.2		
Molybdenum, Dissolved		17	0.01	100	24.71	30.43	18	<	0.02	<	50		
Molybdenum, Total Recoverable		1	100	100	100		0						
Nitrate Nitrogen		7	0.02	0.1	0.05	0.03	13	<	0.02	<	0.02		
Nitrite Nitrogen		2	0.01	0.02	0.02	0.01	14	<	0.01	<	0.02		
NO3-NO2 Nitrogen		8	0.02	0.1	0.05	0.03	27	<	0.02	<	0.1		
pH Temperature		15	18.5	25	21.9	1.4	0						
pH, Field		34	8.4	10.6	9.4	0.4	0						
pH, Lab		27	8.89	9.9	9.50	0.21	0						
Phosphorus, Dissolved		1	0.02	0.02	0.02		0						
Phosphorus, Orthophosphorus		29	0.008	0.051	0.025	0.011	5	<	0.005	<	0.005		0.005

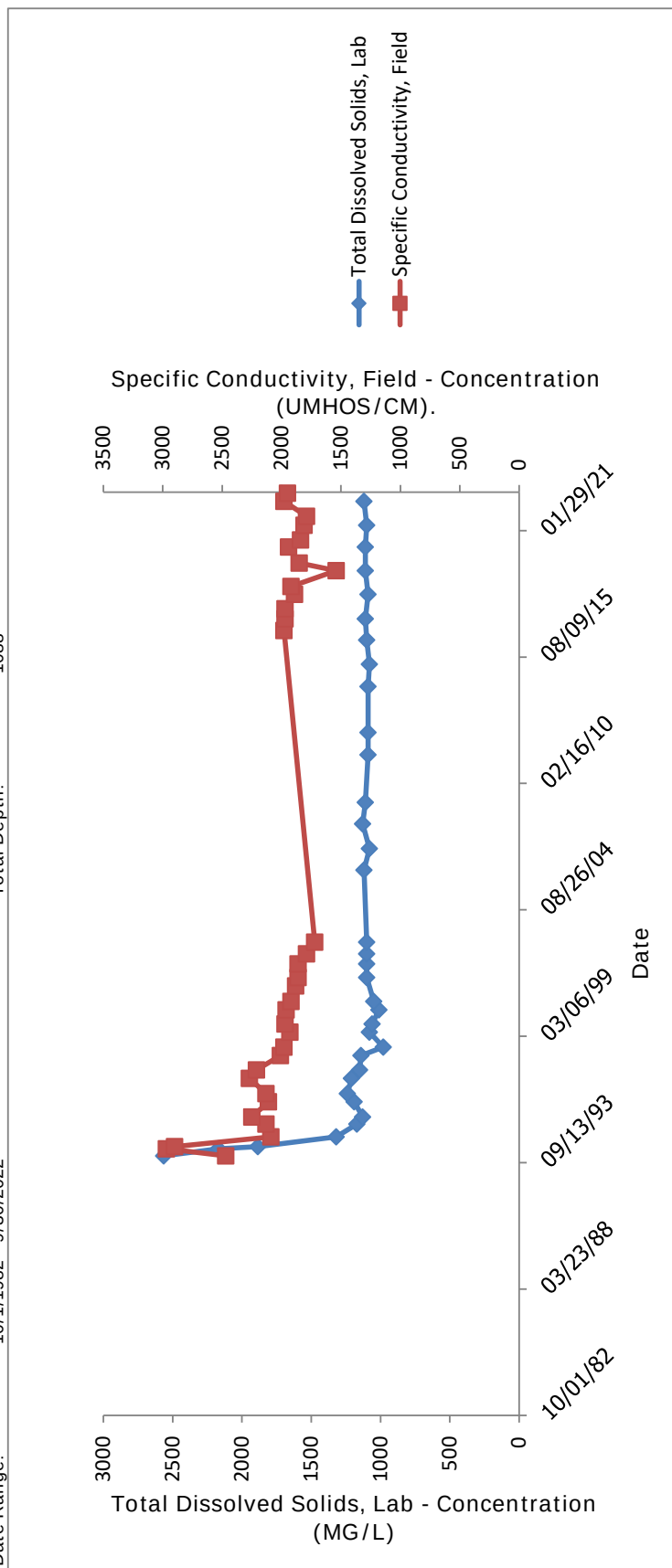
Selenium, Dissolved	ug/L	3	0.0002	4	1.3335	2.3093	32	<	0.0001	<	5
Selenium, Total Recoverable	ug/L	0					1	<	2	<	2
Silver, Total Recoverable	ug/L	0					1	<	0.5	<	0.5
Sodium Adsorption Ratio	RATIO	14	47.9547	95	70.1504	13.7683	0				
Sodium, Dissolved	mg/L	35	120	723	462.1429	100.4587	0				
Specific Conductivity, Field	UMHOS/CM	34	1540	2970	2024.706	288.2574	0				
Specific Conductivity, Lab	UMHOS/CM	35	1800	3950	2047.886	461.8112	0				
Sulfates	mg/L	14	2	1346	263.2143	475.3964	21	<	1	<	50
Temperature, Field	Deg C	34	8	19	11.55	1.849693	0				
Total Dissolved Solids, Lab	mg/L	35	980	2564	1207.971	326.5863	0				
Zinc, Total Recoverable	ug/L	1	70	70	70		0				

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - 93M001

Sample Point: 93M001
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1982 - 9/30/2022
 Township: 005N
 Northing: 35973
 Easting: 28329
 Elevation: 7014
 Total Depth: 1088
 Range: 086W
 Section: 27



Ground and Surface Water Quality Report

Sample Point:	95M001	Township:	005N	Range:	086W	Section:	20
Mine:	FOIDEL CREEK MINE	Northing:	39934				
State:	CO	Easting:	18553				
Drainage/Geologic Unit:		Elevation:	7185				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection: 5/2/2022

Comment(s):

Chemical

pH, Field

Specific Conductivity, Field
Temperature, Field

Unit

S.U. 9.87
UMHOS/CM 1110
Deg C 11.7

Ground and Surface Water Quality Statistics Report

Sample Point	95M001	Township	005N	Range:	086W	Section	20
Mine:	FOIDEL CREEK MINE	Northing	39934				
State:	CO	Easting	18553				
Drainage/Geologic Unit:		Elevation	7185				
Date Range	10/01/1982 to 9/30/2022						
Param Description	Units	Uncensored Data				Censored Data	
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	14	121	593	343.3571	147.2834	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	20	62	410	156.7	83.4765	0
Alkalinity, Carbonate as CaCO ₃	mg/L	21	42	397	148.8095	85.46966	0
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					1 < 2 < 2
Bicarbonate as HCO ₃	mg/L	1	163	163	163		0
Cadmium, Dissolved	ug/L	0					21 < 0.0005 < 5
Calcium, Dissolved	mg/L	21	0.31	8.2	3.56	2.34	0
Carbonate as CO ₃	mg/L	1	238	238	238		0
Hardness, Calcium	mg/L	8	12	39	25	9.75412	0
Hydroxide as OH	mg/L	1	112	112	112		14 < 2 < 20
Iron, Dissolved	ug/L	18	0.03	1110	168.58	280.01	3 < 0.06 < 10
Lead, Dissolved	ug/L	1	60	60	60		20 < 0.03 < 50
Magnesium, Dissolved	mg/L	17	0.01	5.2	1.42	1.63	4 < 0.01 < 1
Manganese, Dissolved	ug/L	1	6	6	6		20 < 0.01 < 5
Mercury, Dissolved	ug/L	0					21 < 0.0002 < 0.2
Molybdenum, Dissolved	ug/L	19	0.037	60	32.121	23.917	2 < 50 < 50
Nitrate Nitrogen	mg/L	5	0.02	0.05	0.03	0.01	10 < 0.01 < 0.05
Nitrite Nitrogen	mg/L	2	0.03	0.04	0.04	0.01	13 < 0.01 < 0.02
NO ₃ -NO ₂ Nitrogen	mg/L	8	0.02	0.08	0.04	0.02	13 < 0.02 < 0.1
pH Temperature	Deg C	6	18.2	23	20.8	1.9	0
pH, Field	S.U.	20	9.16	11.14	9.98	0.40	0
pH, Lab	S.U.	19	9.6	11.39	10.07	0.41	0
Phosphorus, Dissolved	mg/L	1	0.61	0.61	0.61		0
Phosphorus, Orthophosphorus	mg/L	20	0.017	4.3	0.985	0.889	0
Selenium, Dissolved	ug/L	4	0.0001	18	7.0001	8.7177	17 < 0.0005 < 2
Sodium Adsorption Ratio	RATIO	8	9.51	38.5	21.65	10.38	0
Sodium, Dissolved	mg/L	21	72	410	220.8571	68.57134	0
Specific Conductivity, Field	UMHOS/CM	20	700	1790	1172	246.952	0
Specific Conductivity, Lab	UMHOS/CM	21	651	1761	1124.429	268.6499	0
Sulfates	mg/L	18	20	430	192.2222	98.73051	3 < 20 < 50

Temperature, Field	Deg C	20	10.3	15.1	12.7	1.1	0
Total Dissolved Solids, Lab	mg/L	21	450	1010	673.7619	141.6566	0

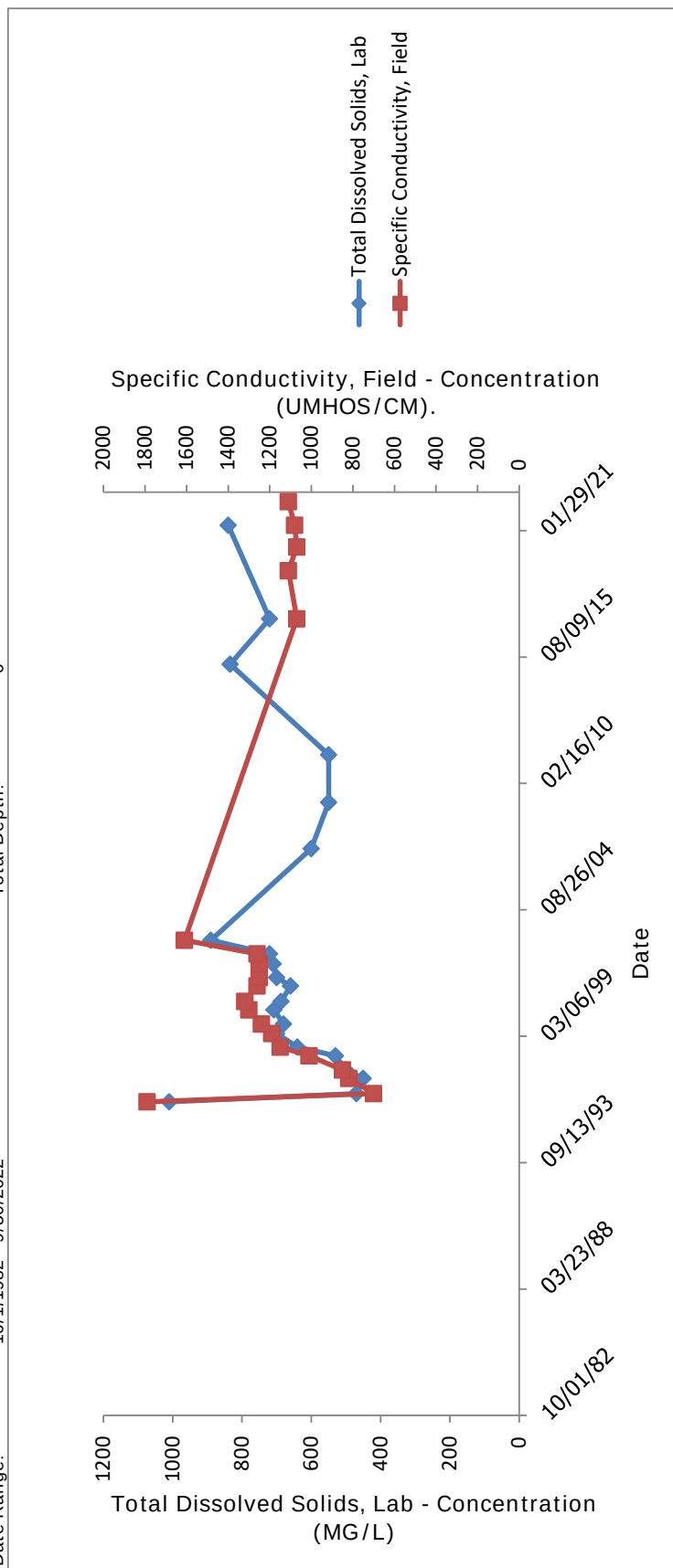
< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - 95M001

Sample Point: 95M001
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1982 - 9/30/2022

Township: 005N
 Range: 086W
 Section: 20
 Northing: 39934
 Easting: 18553
 Elevation: 7185
 Total Depth: 0



Ground and Surface Water Quality Report

Sample Point:	97013TC	Township:	005N	Range:	086W	Section:	3
Mine:	FOIDEL CREEK MINE	Northings:	58386				
State:	CO	Easting:	28927				
Drainage/Geologic Unit:		Elevation:	6685				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection: 5/6/2022

Comment(s):

Chemical

pH, Field

Specific Conductivity, Field

Temperature, Field

Unit

S.U. 10.07

UMHOS/CM 1270

Deg C 11.6

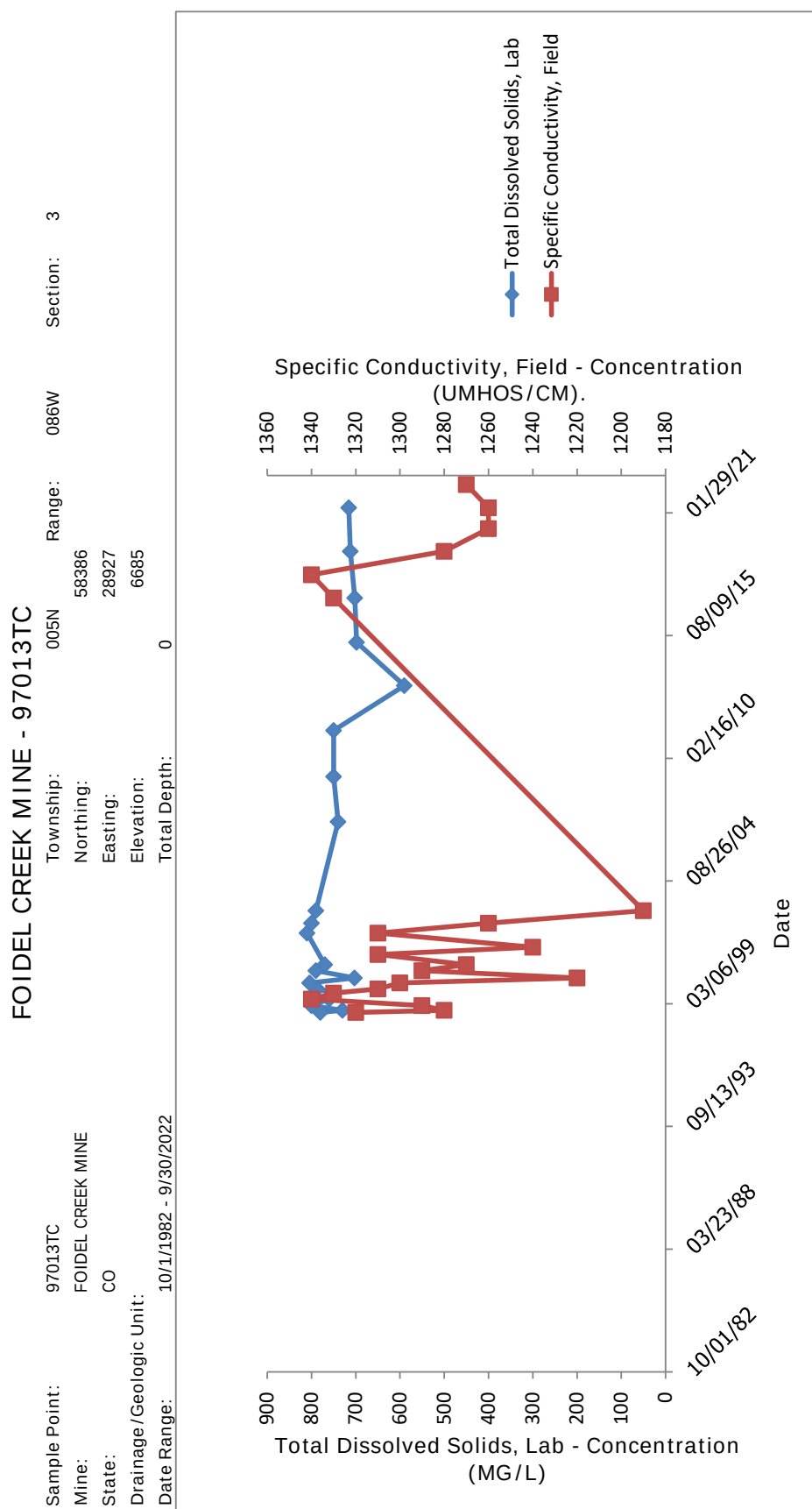
Ground and Surface Water Quality Statistics Report

Sample Point	97013TC	Township	005N	Range:	086W	Section	3
Mine:	FOIDEL CREEK MINE	Northing	58386				
State:	CO	Easting	28927				
Drainage/Geologic Unit:		Elevation	6685				
Date Range	10/01/1982 to 9/30/2022						
Param Description	Units	Uncensored Data				Censored Data	
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	9	413	542	474.4445	48.3273	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	21	114	534	357.1905	118.0494	0
Alkalinity, Carbonate as CaCO ₃	mg/L	20	27	780	149.6	184.8141	1
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					2
Bicarbonate as HCO ₃	mg/L	2	140	160	150	14.14214	0
Cadmium, Dissolved	ug/L	1	0.000114	0.000114	0.000114		20
Calcium, Dissolved	mg/L	21	0.25	2.8	1.23	0.60	0
Carbonate as CO ₃	mg/L	2	225	240	232.5	10.6066	0
Hardness, Calcium	mg/L	1	5	5	5		0
Hydroxide as OH	mg/L	0					9
Iron, Dissolved	ug/L	19	0.13	220	60.00	65.98	2
Lead, Dissolved	ug/L	0					21
Magnesium, Dissolved	mg/L	15	0.1	1.6	0.5	0.5	6
Manganese, Dissolved	ug/L	11	0.008	250	52.910	81.411	10
Mercury, Dissolved	ug/L	0					21
Molybdenum, Dissolved	ug/L	6	0.02	10	1.69	4.07	15
Nitrate Nitrogen	mg/L	3	0.02	0.03	0.02	0.01	6
Nitrite Nitrogen	mg/L	1	0.02	0.02	0.02		8
NO ₃ -NO ₂ Nitrogen	mg/L	7	0.02	0.19	0.05	0.06	14
pH Temperature	Deg C	8	19.5	23.7	21.8	1.3	0
pH, Field	S.U.	21	8.79	10.4	9.47	0.53	0
pH, Lab	S.U.	21	8.87	10.5	9.49	0.48	0
Phosphorus, Dissolved	mg/L	1	0.04	0.04	0.04		0
Phosphorus, Orthophosphorus	mg/L	18	0.01	0.202	0.069	0.048	2
Selenium, Dissolved	ug/L	7	0.0001	30	7.1434	11.1266	14
Sodium Adsorption Ratio	RATIO	1	58.8	58.8	58.8		0
Sodium, Dissolved	mg/L	21	77	380	276.4286	55.35844	0
Specific Conductivity, Field	UMHOS/CM	21	1190	1340	1285.714	39.44254	0
Specific Conductivity, Lab	UMHOS/CM	21	820	1400	1242.571	126.1521	0
Sulfates	mg/L	21	89	280	187.1905	56.10403	0

Temperature, Field	Deg C	21	6.8	12.4	10.5	1.4	0
Total Dissolved Solids, Lab	mg/L	21	590	810	749.1429	51.66555	0

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Ground and Surface Water Quality Report

Sample Point:	97013TM	Township:	005N	Range:	086W	Section:	3
Mine:	FOIDEL CREEK MINE	Northings:	58298				
State:	CO	Easting:	28570				
Drainage/Geologic Unit:		Elevation:	6672				
Date Range:	10/01/2021 - 9/30/2022						
Date(s) of Collection:	5/6/2022						
Comment(s):							
Chemical	Unit						
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	467					
Alkalinity, Bicarbonate as CaCO ₃	mg/L	314					
Alkalinity, Carbonate as CaCO ₃	mg/L	153					
Alkalinity, Hydroxide as CaCO ₃	mg/L	< 20					
Bicarbonate as HCO ₃	mg/L	383					
Cadmium, Dissolved	mg/L	< 0.00025					
Calcium, Dissolved	mg/L	3.06					
Carbonate as CO ₃	mg/L	91.8					
Hydroxide as OH	mg/L	< 20					
Iron, Dissolved	mg/L	0.972					
Lead, Dissolved	mg/L	< 0.15					
Magnesium, Dissolved	mg/L	0.58					
Manganese, Dissolved	mg/L	< 0.05					
Mercury, Dissolved	mg/L	< 0.001					
Molybdenum, Dissolved	mg/L	< 0.1					
NO ₃ -NO ₂ Nitrogen	mg/L	0.025					
pH Temperature	Deg C	21.1					
pH, Field	S.U.	9.32					
pH, Lab	S.U.	9.4					
Phosphorus, Orthophosphorus	mg/L	0.092					
Selenium, Dissolved	mg/L	< 0.00025					
Sodium, Dissolved	mg/L	252					
Specific Conductivity, Field	UMHOS/CM	1280					
Specific Conductivity, Lab	ums/cm	1180					
Sulfates	mg/L	148					
Temperature, Field	Deg C	11.9					
Total Dissolved Solids, Lab	mg/L	706					

Ground and Surface Water Quality Statistics Report

Sample Point	97013TM	Township	005N	Range:	086W	Section	3		
Mine:	FOIDEL CREEK MINE	Northing	58298						
State:	CO	Easting	28570						
Drainage/Geologic Unit:		Elevation	6672						
Date Range	10/01/1982 to 9/30/2022								
Parm Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO3, @ pH 4.5	mg/L	21	233	491	403.5714	77.30949	0		
Alkalinity, Bicarbonate as CaCO3	mg/L	29	232	460	345.8965	54.91639	2	<	2
Alkalinity, Carbonate as CaCO3	mg/L	30	48	162	94.43333	30.10487	1	<	2
Alkalinity, Hydroxide as CaCO3	mg/L	0					5	<	10
Bicarbonate as HCO3	mg/L	5	355	428	392	29.98333	0		
Cadmium, Dissolved	ug/L	1	0.0004	0.0004	0.0004		30	<	0.00005
Calcium, Dissolved	mg/L	31	0.24	6.3	1.65	1.22	0		
Carbonate as CO3	mg/L	4	76.9	91.8	81.2	7.2	0		
Hardness, Calcium	mg/L	4	6	113	36.75	50.99918	0		
Hydroxide as OH	mg/L	2	3	8	5.5	3.535534	19	<	2
Iron, Dissolved	ug/L	30	0.05	230	49.20	69.54	1	<	50
Lead, Dissolved	ug/L	0					31	<	0.03
Magnesium, Dissolved	mg/L	25	0.1	1.2	0.4	0.2	6	<	0.01
Manganese, Dissolved	ug/L	5	0.006	7	3.403	3.206	26	<	0.005
Mercury, Dissolved	ug/L	0					31	<	0.0002
Molybdenum, Dissolved	ug/L	3	20	20	20	0	28	<	0.02
Nitrate Nitrogen	mg/L	5	0.02	0.07	0.03	0.02	10	<	0.02
Nitrite Nitrogen	mg/L	0					15	<	0.01
NO3-NO2 Nitrogen	mg/L	8	0.02	0.07	0.03	0.02	23	<	0.02
pH Temperature	Deg C	16	19.7	27	22.0	1.7	0		
pH, Field	S.U.	27	8.79	10.89	9.57	0.43	0		
pH, Lab	S.U.	31	9.27	10.8	9.55	0.33	0		
Phosphorus, Dissolved	mg/L	1	0.06	0.06	0.06		0		
Phosphorus, Orthophosphorus	mg/L	29	0.03	0.294	0.091	0.065	1	<	0.02
Selenium, Dissolved	ug/L	8	0.0001	17	5.5003	6.8449	23	<	0.0001
Sodium Adsorption Ratio	RATIO	5	36.8	49.4	40.9	4.9	0		
Sodium, Dissolved	mg/L	31	71	334	253.5161	46.84718	0		
Specific Conductivity, Field	UMHOS/CM	27	1110	1650	1237.778	127.0776	0		
Specific Conductivity, Lab	UMHOS/CM	31	933	1610	1175.387	142.1196	0		
Sulfates	mg/L	31	60	490	166.5806	89.11108	0		

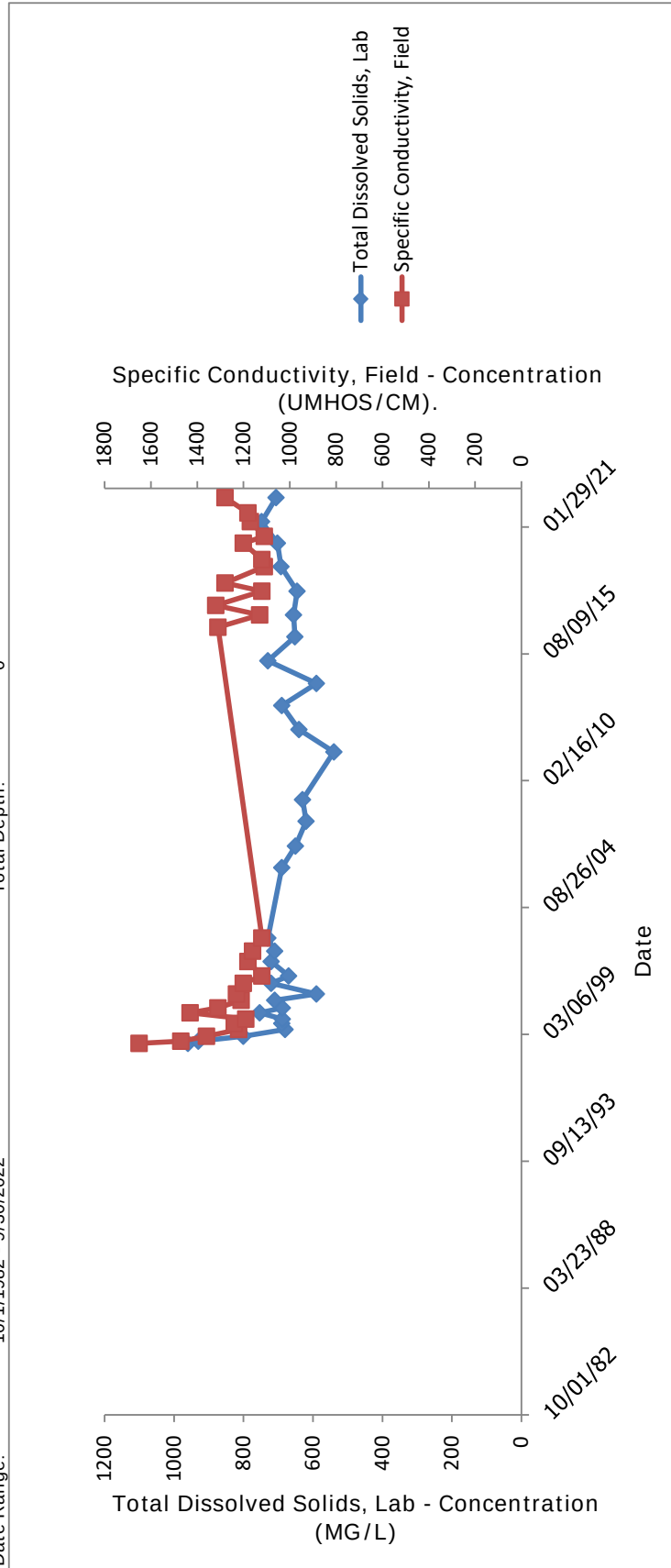
Temperature, Field	Deg C	27	6.1	14.2	10.7	1.5	0
Total Dissolved Solids, Lab	mg/L	31	540	960	697.4516	84.56944	0

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - 97013TM

Sample Point:	97013TM	Township:	005N	Range:	086W	Section:	3
Mine:	FOIDEL CREEK MINE	Northing:	58298				
State:	CO	Easting:	28570				
Drainage/Geologic Unit:		Elevation:	6672				
Date Range:	10/1/1982 - 9/30/2022	Total Depth:	0				



Ground and Surface Water Quality Report

Sample Point:	ASHLEY	Township:	005N	Range:	086W	Section:	22
Mine:	FOIDEL CREEK MINE	Northings:	41368				
State:	CO	Easting:	32046				
Drainage/Geologic Unit:		Elevation:	6820				
Date Range:	10/01/2021 - 9/30/2022						
Date(s) of Collection:	5/2/2022	9/12/2022					
Comment(s):	idental Well Hidental Well Head						
	Chemical	Unit					
Alkalinity as CaCO ₃ , @ pH 4.5		mg/L	469				
Alkalinity, Bicarbonate as CaCO ₃		mg/L	412				
Alkalinity, Carbonate as CaCO ₃		mg/L	56.9				
Alkalinity, Hydroxide as CaCO ₃		mg/L	< 20				
Bicarbonate as HCO ₃		mg/L	502				
Cadmium, Dissolved		mg/L	< 0.00025				
Calcium, Dissolved		mg/L	1.95				
Carbonate as CO ₃		mg/L	34.2				
Hydroxide as OH		mg/L	< 20				
Iron, Dissolved		mg/L	< 0.15				
Lead, Dissolved		mg/L	< 0.15				
Magnesium, Dissolved		mg/L	0.59				
Manganese, Dissolved		mg/L	0.011				
Mercury, Dissolved		mg/L	< 0.001				
Molybdenum, Dissolved		mg/L	0.042				
NO ₃ -NO ₂ Nitrogen		mg/L	1.33				
pH Temperature		Deg C	22.4				
pH, Field		S.U.	8.73			7.79	
pH, Lab		S.U.	8.9				
Phosphorus, Orthophosphorus		mg/L	0.014				
Selenium, Dissolved		mg/L	0.00062				
Sodium, Dissolved		mg/L	238				
Specific Conductivity, Field		UMHOS/CM	1110			910	
Specific Conductivity, Lab		ums/cm	1030				
Sulfates		mg/L	74				
Temperature, Field		Deg C	9.2			12.7	
Total Dissolved Solids, Lab		mg/L	628				

Ground and Surface Water Quality Statistics Report

Sample Point	ASHLEY	Township	005N	Range:	086W	Section	22
Mine:	FOIDEL CREEK MINE	Northing	41368				
State:	CO	Easting	32046				
Drainage/Geologic Unit:		Elevation	6820				
Date Range	10/01/1982 to 9/30/2022						
Param Description	Units	Uncensored Data			Censored Data		
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	19	268	469	338.1579	57.17737	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	22	308	680	407.8182	81.45618	0
Alkalinity, Carbonate as CaCO ₃	mg/L	7	3	410	81.37143	146.5627	16
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					5
Bicarbonate as HCO ₃	mg/L	5	322	502	420.8	71.25798	0
Cadmium, Dissolved	ug/L	6	0.0001	39	6.5004	15.9215	17
Calcium, Dissolved	mg/L	23	1.7	98.2	42.8	31.9	0
Carbonate as CO ₃	mg/L	4	15.8	392	118.7	182.4	1
Hardness, Calcium	mg/L	3	41	161	84	66.83562	1
Hydroxide as OH	mg/L	0					19
Iron, Dissolved	ug/L	8	0.03	12	3.55	5.06	15
Lead, Dissolved	ug/L	2	0.04	60	30.02	42.40	21
Magnesium, Dissolved	mg/L	23	0.38	33	11.60	9.18	0
Manganese, Dissolved	ug/L	9	0.006	40	9.227	13.166	14
Mercury, Dissolved	ug/L	0					23
Molybdenum, Dissolved	ug/L	2	0.022	0.042	0.032	0.014	21
Nitrate Nitrogen	mg/L	7	0.15	9.1	3.33	3.37	0
Nitrite Nitrogen	mg/L	1	0.02	0.02	0.02		6
NO ₃ -NO ₂ Nitrogen	mg/L	23	0.15	9.1	1.65	2.18	0
pH Temperature	Deg C	16	19	26	21.91875	1.684921	0
pH, Field	S.U.	24	6.89	8.73	7.76	0.33	0
pH, Lab	S.U.	22	7.24	8.9	8.10	0.41	0
Phosphorus, Dissolved	mg/L	1	0.02	0.02	0.02		0
Phosphorus, Orthophosphorus	mg/L	16	0.006	0.05	0.024	0.010	6
Selenium, Dissolved	ug/L	12	0.00062	8	1.08402	2.60940	11
Sodium Adsorption Ratio	RATIO	3	4.68	13.9	10.46	5.04	0
Sodium, Dissolved	mg/L	23	16	238	101.613	69.82766	0
Specific Conductivity, Field	UMHOS/CM	24	610	1110	793.8333	124.0742	0
Specific Conductivity, Lab	UMHOS/CM	23	542	1030	717.8696	123.8934	0
Sulfates	mg/L	23	22	74	44.73913	13.12602	0

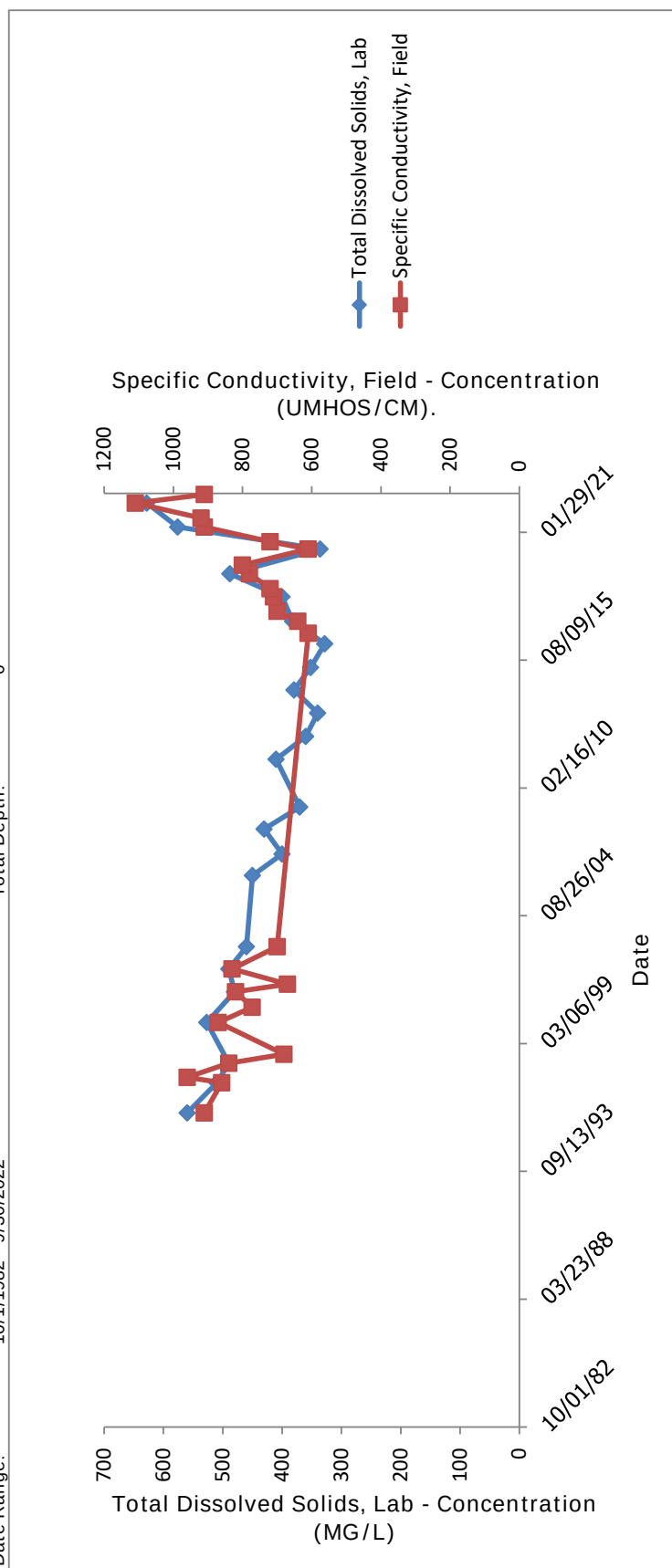
Temperature, Field	Deg C	24	8.6	15.1	10.9	1.6	0
Total Dissolved Solids, Lab	mg/L	23	328	628	441.1739	83.57069	0

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - ASHLEY

Sample Point: ASHLEY
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1982 - 9/30/2022
 Township: 005N
 Range: 086W
 Section: 22
 Northing: 41368
 Easting: 32046
 Elevation: 6820
 Total Depth: 0



Ground and Surface Water Quality Report

Sample Point:	FBR2	Township:	005N	Range:	086W	Section:	12
Mine:	FOIDEL CREEK MINE	Northings:	53026				
State:	CO	Eastings:	39025				
Drainage/Geologic Unit:		Elevation:	6794				
Date Range:	10/01/2021 - 9/30/2022						
Date(s) of Collection:	5/6/2022	9/12/2022					
Comment(s):	Chemical	Unit					
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	950					
Alkalinity, Bicarbonate as CaCO ₃	mg/L	819					
Alkalinity, Carbonate as CaCO ₃	mg/L	131					
Alkalinity, Hydroxide as CaCO ₃	mg/L	< 20					
Bicarbonate as HCO ₃	mg/L	999					
Cadmium, Dissolved	mg/L	< 0.00025					
Calcium, Dissolved	mg/L	4.87					
Carbonate as CO ₃	mg/L	78.7					
Hydroxide as OH	mg/L	< 20					
Iron, Dissolved	mg/L	0.182					
Lead, Dissolved	mg/L	< 0.15					
Magnesium, Dissolved	mg/L	2.14					
Manganese, Dissolved	mg/L	< 0.05					
Mercury, Dissolved	mg/L	< 0.001					
Molybdenum, Dissolved	mg/L	< 0.1					
NO ₃ -NO ₂ Nitrogen	mg/L	< 0.1					
pH Temperature	Deg C	20.9					
pH, Field	S.U.	8.76			8.75		
pH, Lab	S.U.	9.0					
Phosphorus, Orthophosphorus	mg/L	0.041					
Selenium, Dissolved	mg/L	< 0.00025					
Sodium, Dissolved	mg/L	446					
Specific Conductivity, Field	UMHOS/CM	1950			1820		
Specific Conductivity, Lab	ums/cm	1880					
Sulfates	mg/L	< 50					
Temperature, Field	Deg C	12			10.4		
Total Dissolved Solids, Lab	mg/L	1130					

Ground and Surface Water Quality Statistics Report

Sample Point		Township		Range:		Section	
Mine:		Northing				12	
State:		Easting					
Drainage/Geologic Unit:		Elevation					
Date Range							
10/01/1982 to 9/30/2022							

Temperature, Field	Deg C	30	9.3	13	11.3	0.8	0
Total Dissolved Solids, Lab	mg/L	29	928	1170	1029.448	79.41553	0

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - FBR2

Section: 12

Range: 086W

Township: 005N

FBR2

Sample Point:

FOIDEL CREEK MINE

Mine:

CO

State:

Drainage/Geologic Unit:

10/1/1982 - 9/30/2022

Date Range:

53026

39025

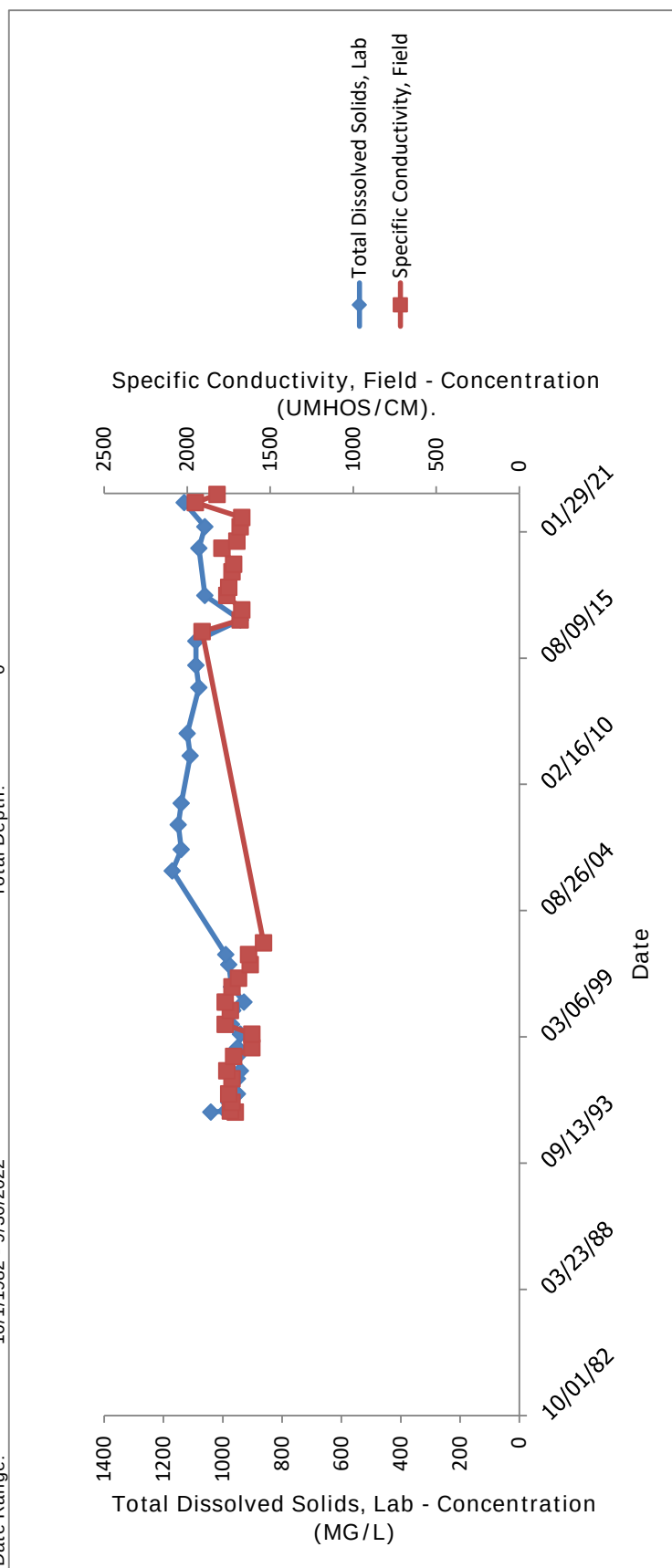
6794

Northing:

Easting:

Elevation:

Total Depth: 0



Ground and Surface Water Quality Report

Sample Point:	FBR2E	Township:	005N	Range:	086W	Section:	12
Mine:	FOIDEL CREEK MINE	Northing:	52928				
State:	CO	Easting:	40831				
Drainage/Geologic Unit:		Elevation:	6794				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection: 5/6/2022

Comment(s):

Chemical

pH, Field

Specific Conductivity, Field

Temperature, Field

Unit

S.U. 7.8

UMHOS/CM 610

Deg C 10.6

Ground and Surface Water Quality Statistics Report

Sample Point		Township		Range:		Section			
Mine:	005N	086W		12					
State:	Northing								
Drainage/Geologic Unit:	Easting								
Date Range	Elevation								
10/01/1982 to 9/30/2022									
Parm Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO3, @ pH 4.5	mg/L	18	135	936	623.9445	308.395	0		
Alkalinity, Bicarbonate as CaCO3	mg/L	25	21	810	417.76	258.0737	1	< 2	< 2
Alkalinity, Carbonate as CaCO3	mg/L	24	2.1	497	221.1	150.3	2	< 2	< 10
Alkalinity, Hydroxide as CaCO3	mg/L	0					3	< 2	< 10
Bicarbonate as HCO3	mg/L	3	277	970	524.3333	386.7355	0		
Cadmium, Dissolved	ug/L	0					26	< 0.00005	< 5
Calcium, Dissolved	mg/L	26	0.7	44.3	4.2	9.0	0		
Carbonate as CO3	mg/L	2	4.1	80.4	42.3	54.0	1	< 10	< 10
Hardness, Calcium	mg/L	10	2	106	14	32.34192	0		
Hydroxide as OH	mg/L	1	110	110	110		17	< 2	< 20
Iron, Dissolved	ug/L	22	0.06	180	52.14	63.87	4	< 5	< 10
Lead, Dissolved	ug/L	3	30	70	46.66667	20.81666	23	< 0.03	< 100
Magnesium, Dissolved	mg/L	21	0.2	60	4.3	13.1	5	< 0.1	< 1
Manganese, Dissolved	ug/L	7	0.069	111	18.616	40.858	19	< 0.01	< 30
Mercury, Dissolved	ug/L	0					26	< 0.0002	< 0.2
Molybdenum, Dissolved	ug/L	3	10	20	13.33333	5.773503	23	< 0.02	< 50
Nitrate Nitrogen	mg/L	2	0.03	0.04	0.04	0.01	16	< 0.01	< 0.02
Nitrite Nitrogen	mg/L	2	0.03	0.03	0.03	0	16	< 0.01	< 0.02
NO3-NO2 Nitrogen	mg/L	7	0.03	0.43	0.11	0.15	19	< 0.02	< 0.1
pH Temperature	Deg C	8	19.6	24	22.3	1.4	0		
pH, Field	S.U.	23	7.76	11.46	9.34	0.99	0		
pH, Lab	S.U.	22	8.3	10.6	9.5	0.7	0		
Phosphorus, Dissolved	mg/L	1	0.05	0.05	0.05		0		
Phosphorus, Orthophosphorus	mg/L	12	0.005	0.05	0.021	0.014	13	< 0.005	< 0.05
Selenium, Dissolved	ug/L	4	0.0003	29	7.5003	14.3409	22	< 0.0001	< 2
Sodium Adsorption Ratio	RATIO	10	15.3	148	93.5	33.3	0		
Sodium, Dissolved	mg/L	26	42.8	454	316.2	144.7	0		
Specific Conductivity, Field	UMHOS/CM	23	500	1870	1466.957	499.7948	0		
Specific Conductivity, Lab	UMHOS/CM	26	246	1850	1439.577	493.2276	0		
Sulfates	mg/L	17	8	140	32.35294	32.77945	9	< 4	< 50

Temperature, Field	Deg C	23	9.6	12.7	11.2	0.8	0
Total Dissolved Solids, Lab	mg/L	26	96	1100	788.4231	305.3324	0

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - FBR2E

Section: 12

Range: 086W

Township: 005N

Northing: 52928

Easting: 40831

Elevation: 6794

Total Depth: 0

FBR2E

FOIDEL CREEK MINE

CO

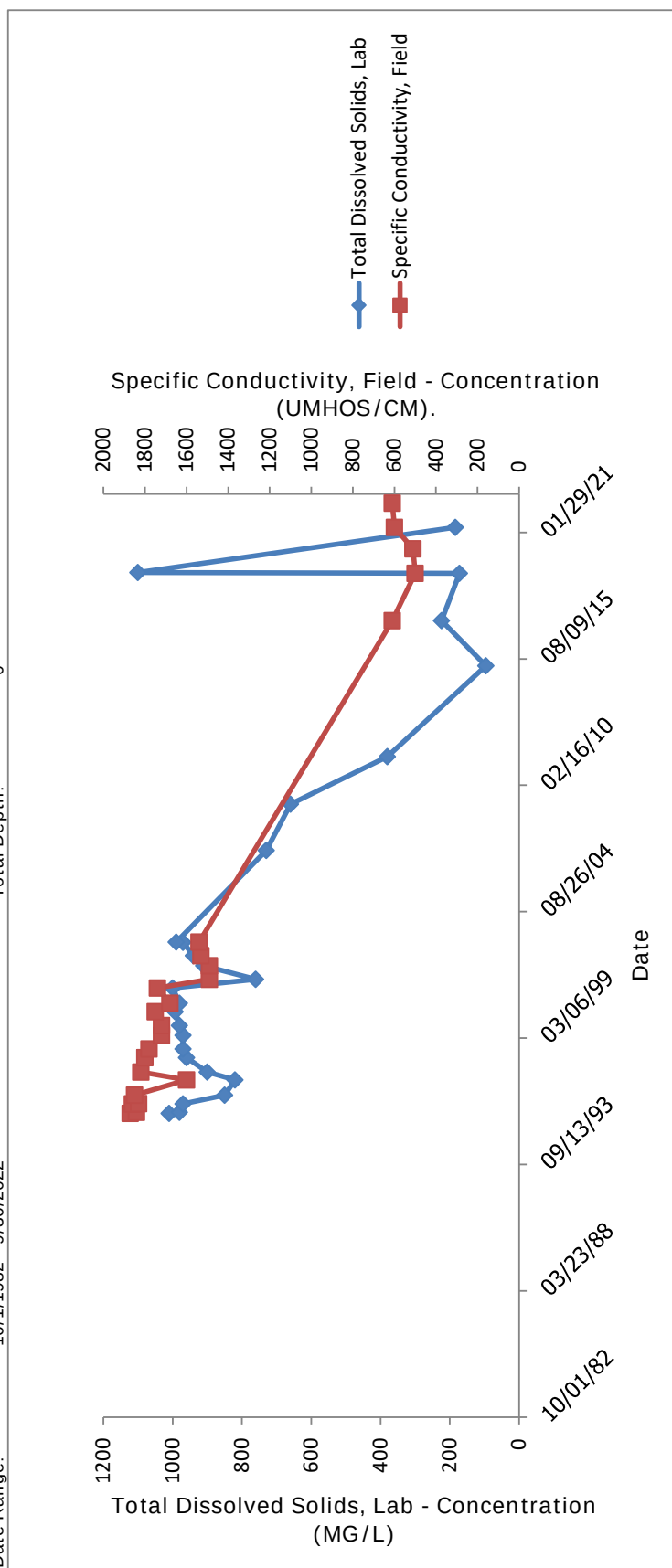
Drainage/Geologic Unit:

Date Range: 10/1/1982 - 9/30/2022

Sample Point:

Mine:

State:



Foidel Creek Mine
2022 Annual Report
Attachment 2
Alluvial Well Data

Foidel Creek Mine
2022 Annual Report
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Alluvial Well Data
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Foidel Creek Mine
2022 Annual Report

Attachment 2

Section 1

Groundwater Elevations for Alluvial Wells

ALLUVIAL GROUNDWATER LEVEL DATA

Permit No. ____ Mine: FOIDEL CREEK MINE

Annual Report Period 10/01/2021 to 9/30/2022

SAMPLE STATION	MEASURING DATE	GW ELEVATION	MEASURING COMPANY	GASSY	COMMENTS
01S5	11/20/2021 9:10 AM	6801.57	MILLER		
01S5	3/19/2022 9:35 AM	6801.54	MILLER		
01S5	4/28/2022 8:55 AM	6803.06	MILLER		
01S5	9/15/2022 12:20 PM	6801.97	MILLER		
06AY1	11/20/2021 7:15 AM	6821.01	MILLER		
06AY1	3/19/2022 7:35 AM	6821.1	MILLER		
06AY1	4/28/2022 6:35 AM	6821.82	MILLER		
06AY1	9/15/2022 10:45 AM	6822.2	MILLER		
08AT1	11/20/2021 1:00 PM	6575.42	MILLER		
08AT1	3/19/2022 2:10 PM	6575.45	MILLER		
08AT1	4/28/2022 3:15 PM	6576.35	MILLER		
08AT1	9/15/2022 3:50 PM	6575.54	MILLER		
08AU3	11/20/2021 11:50 AM	6598.38	MILLER		
08AU3	3/19/2022 12:55 PM	6598.45	MILLER		
08AU3	4/28/2022 2:15 PM	6601.11	MILLER		
08AU3	9/15/2022 2:50 PM	6598.66	MILLER		
08AV1	11/20/2021 10:55 AM	6669.01	MILLER		
08AV1	3/19/2022 11:30 AM	6669.05	MILLER		
08AV1	4/28/2022 11:50 AM	6669.06	MILLER		
08AV1	9/15/2022 12:00 AM	6664.34	MILLER		
08AV2	11/20/2021 11:20 AM	6666.89	MILLER		
08AV2	3/19/2022 11:45 AM	6666.98	MILLER		
08AV2	4/28/2022 12:20 PM	6668.29	MILLER		
08AV2	9/15/2022 2:00 PM	6667	MILLER		
08AW3	11/20/2021 12:25 PM	6594.32	MILLER		
08AW3	3/19/2022 1:35 PM	6594.37	MILLER		
08AW3	4/28/2022 2:40 PM	6595.26	MILLER		
08AW3	9/15/2022 3:20 PM	6593.86	MILLER		
09S10	11/20/2021 8:15 AM	6900.78	MILLER		
09S10	3/19/2022 8:20 AM	6900.95	MILLER		
09S10	4/28/2022 7:30 AM	6901.93	MILLER		
09S10	9/15/2022 11:30 AM	6900.69	MILLER		
AVF13	11/20/2021 9:45 AM	6678.29	MILLER		
AVF13	3/19/2022 10:00 AM	6678.36	MILLER		
AVF13	4/28/2022 9:25 AM	6680.26	MILLER		
AVF13	9/15/2022 12:55 PM	6678.54	MILLER		
AVF14	11/20/2021 10:20 AM	6641.41	MILLER		
AVF14	3/19/2022 10:35 AM	6641.55	MILLER		
AVF14	4/28/2022 9:55 AM	6642.06	MILLER		
AVF14	9/15/2022 12:00 AM	6642	MILLER		DRY
AVF15	11/21/2021 12:00 AM	6620.4	MILLER		DRY
AVF15	3/19/2022 12:00 AM	6620.4	MILLER		DRY
AVF15	4/28/2022 1:40 PM	6624.05	MILLER		
AVF15	9/15/2022 12:00 AM	6620.4	MILLER		DRY

Foidel Creek Mine

2022 Annual Report

Attachment 2

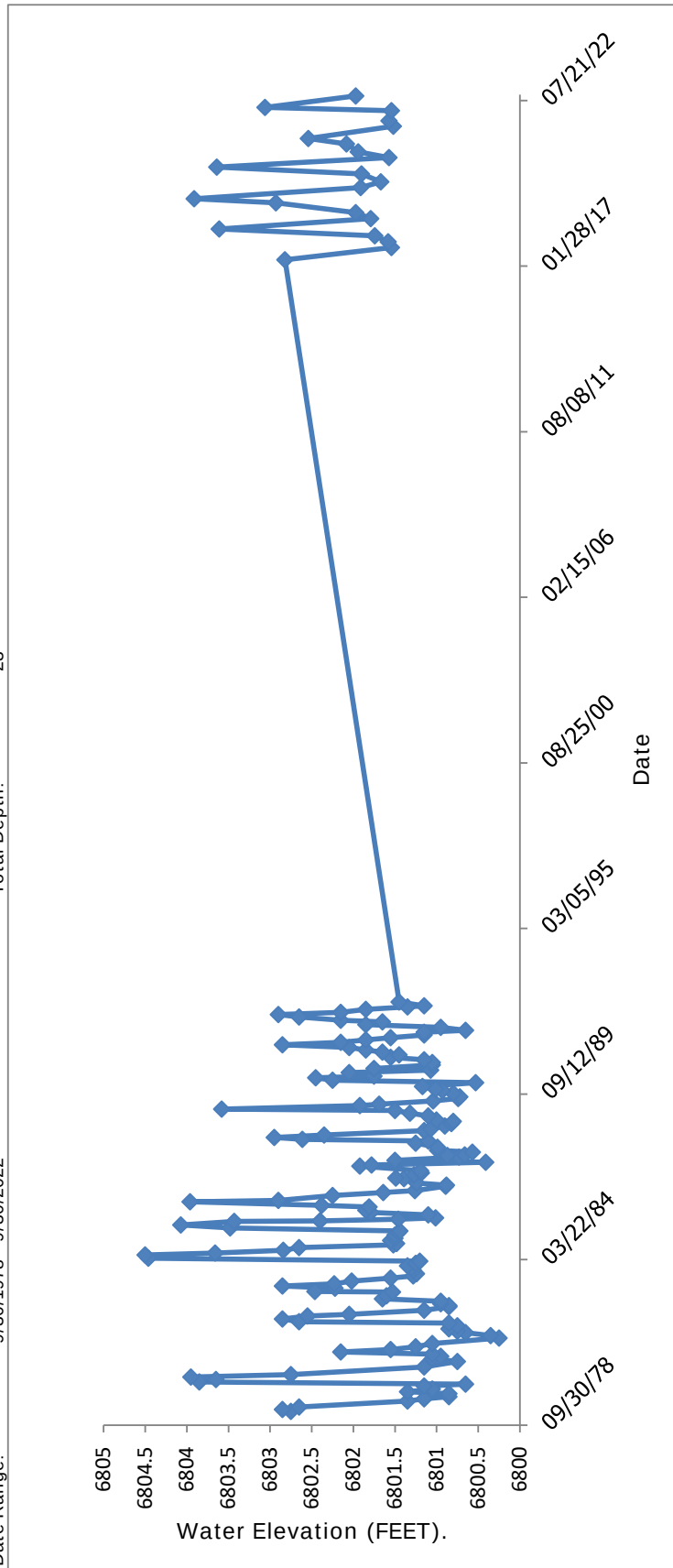
Section 2

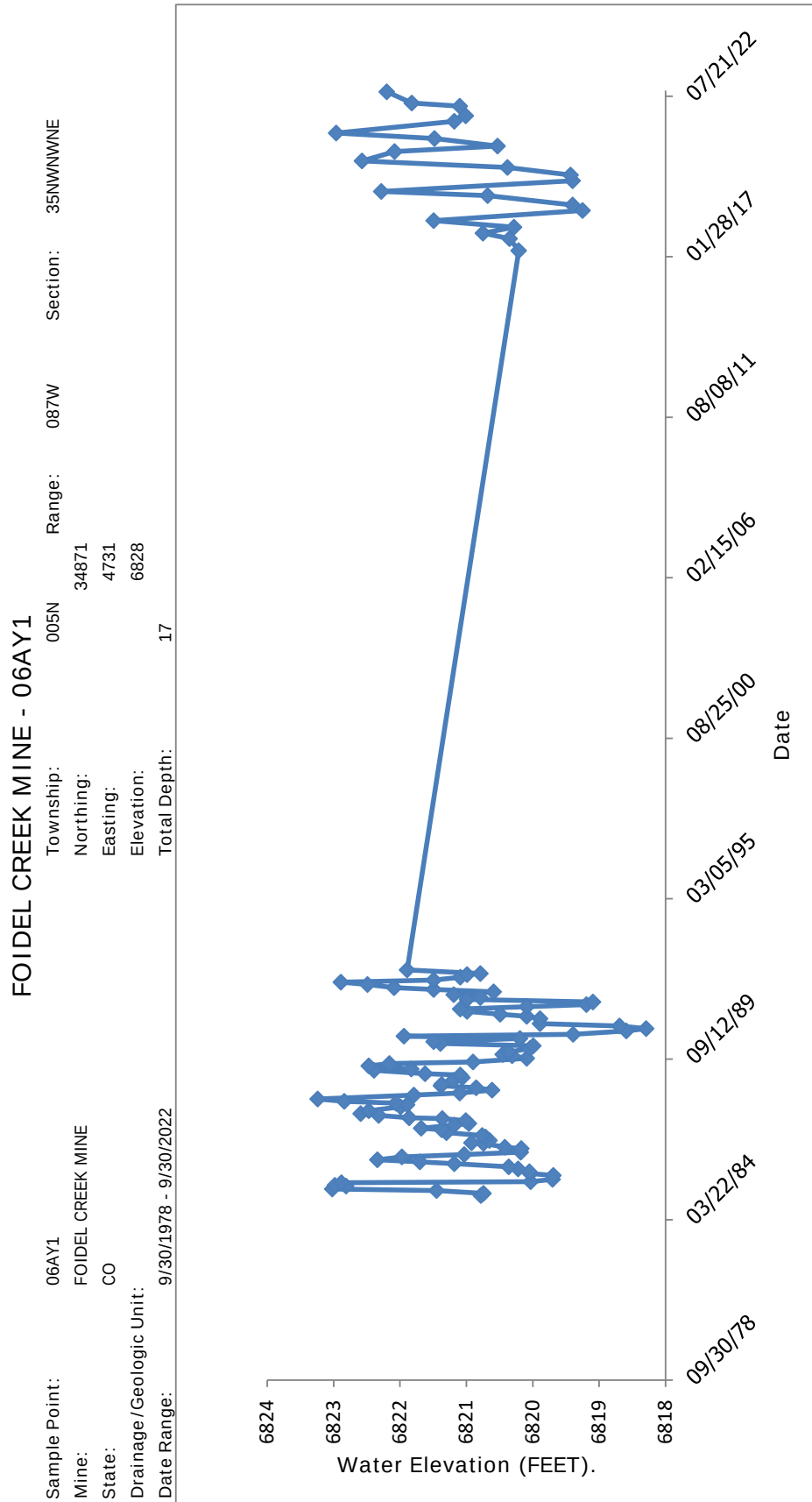
Water Level Hydrographs for Alluvial Wells

FOIDEL CREEK MINE - 01S5

Sample Point: 01S5
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1978 - 9/30/2022

Township: 005N
 Northing: 37533
 Easting: 21977
 Elevation: 6805
 Total Depth: 23
 Range: 086W
 Section: 29





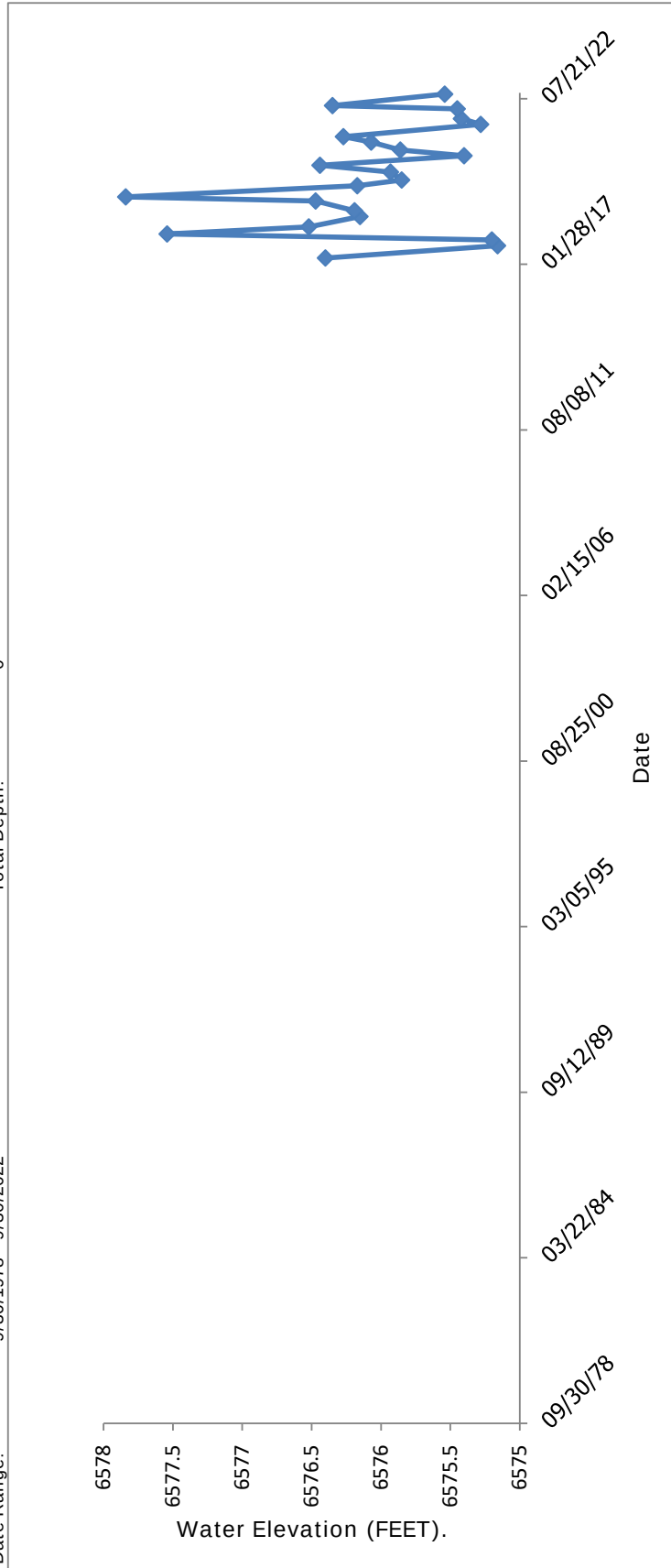
FOIDEL CREEK MINE - 08AT1

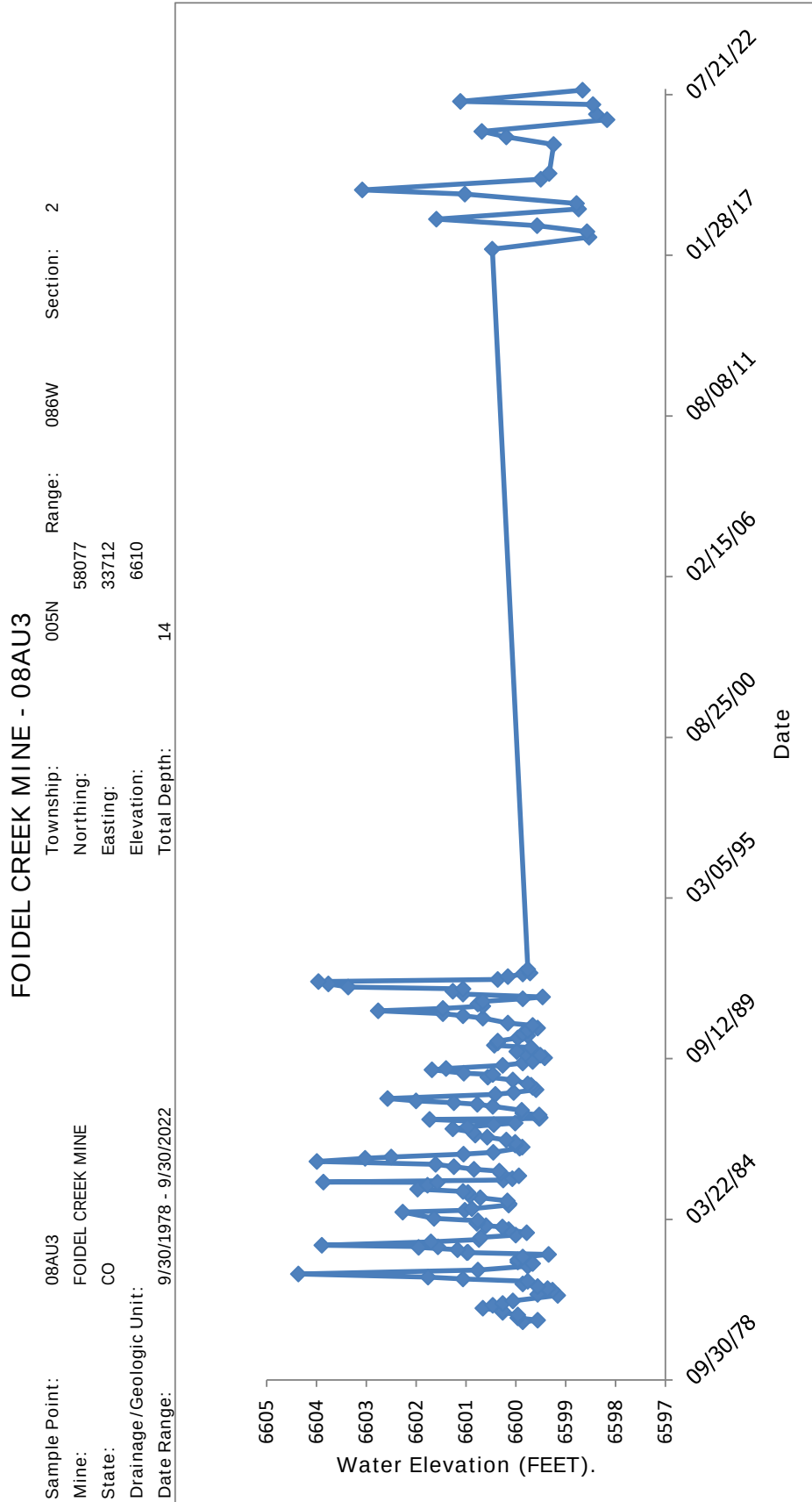
Sample Point: 08AT1
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1978 - 9/30/2022

Township: 006N
 Northing: 62404
 Easting: 41689
 Elevation: 6580
 Total Depth: 0

Section: 36

Range: 086W





FOIDEL CREEK MINE - 08AV1

Section:

Range:

Township:

50000

Northing:

41309

Easting:

6677

Elevation:

0

Total Depth:

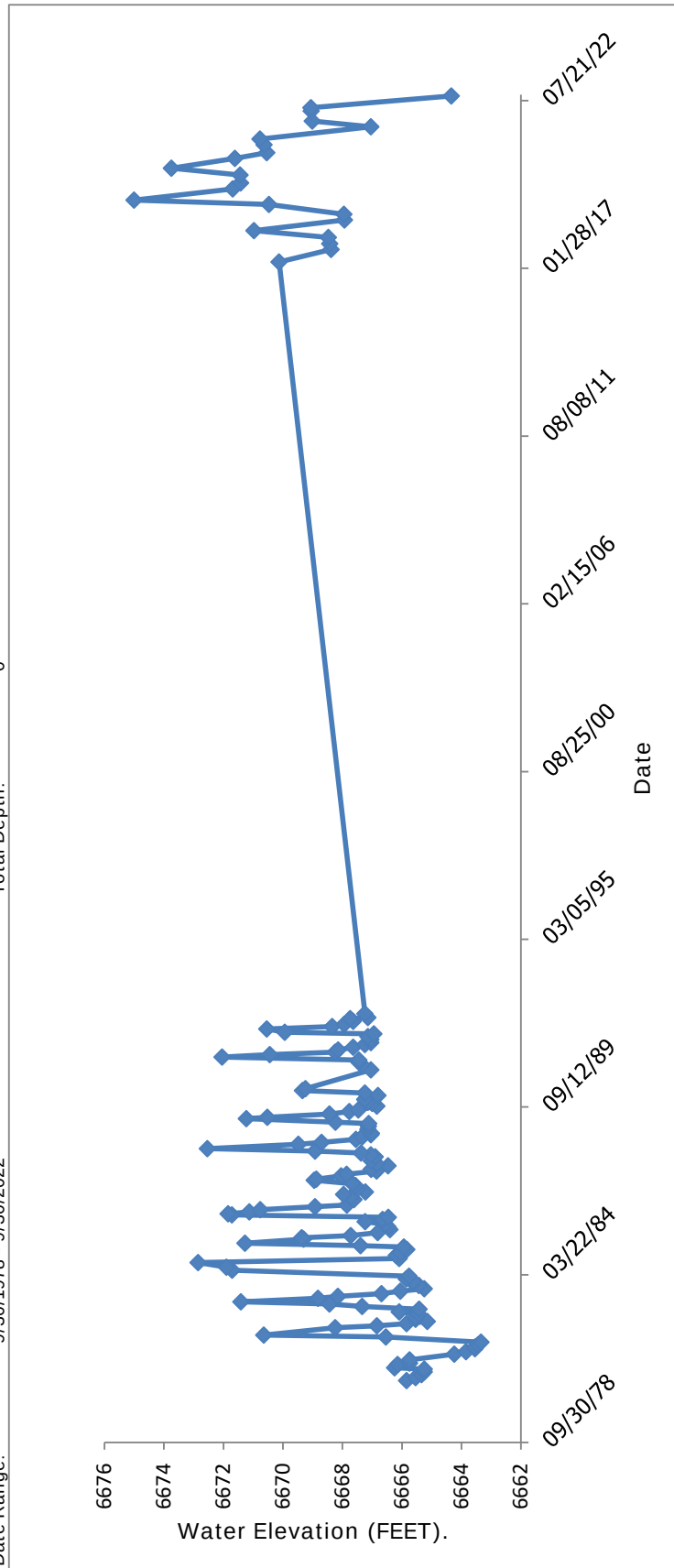
Sample Point: 08AV1

Mine: FOIDEL CREEK MINE

State: CO

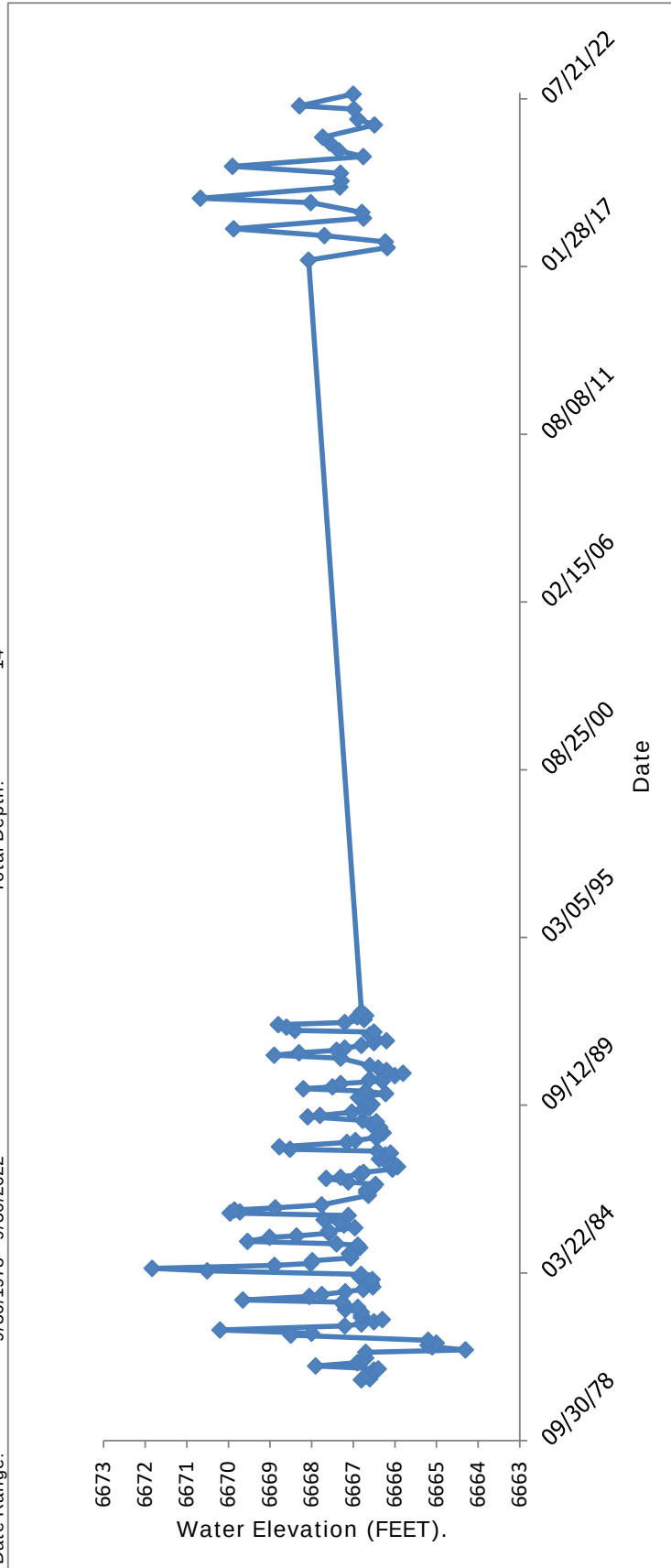
Drainage/Geologic Unit:

Date Range: 9/30/1978 - 9/30/2022



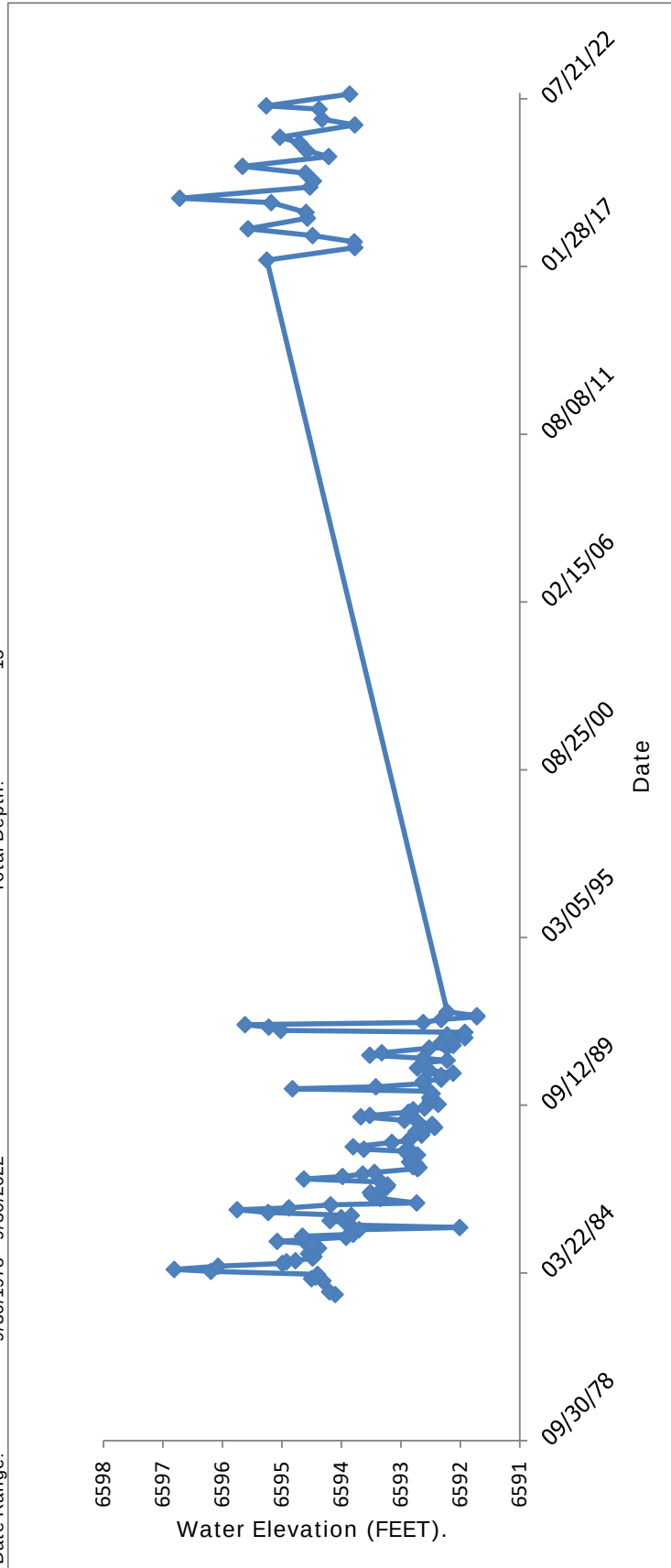
FOIDEL CREEK MINE - 08AV2

Sample Point: 08AV2 Township: 005N Range: 086W Section: 13
 Mine: FOIDEL CREEK MINE Northing: 50034
 State: CO Easting: 41312
 Drainage/Geologic Unit: Elevation: 6677
 Date Range: 9/30/1978 - 9/30/2022 Total Depth: 14



FOIDEL CREEK MINE - 08AW3

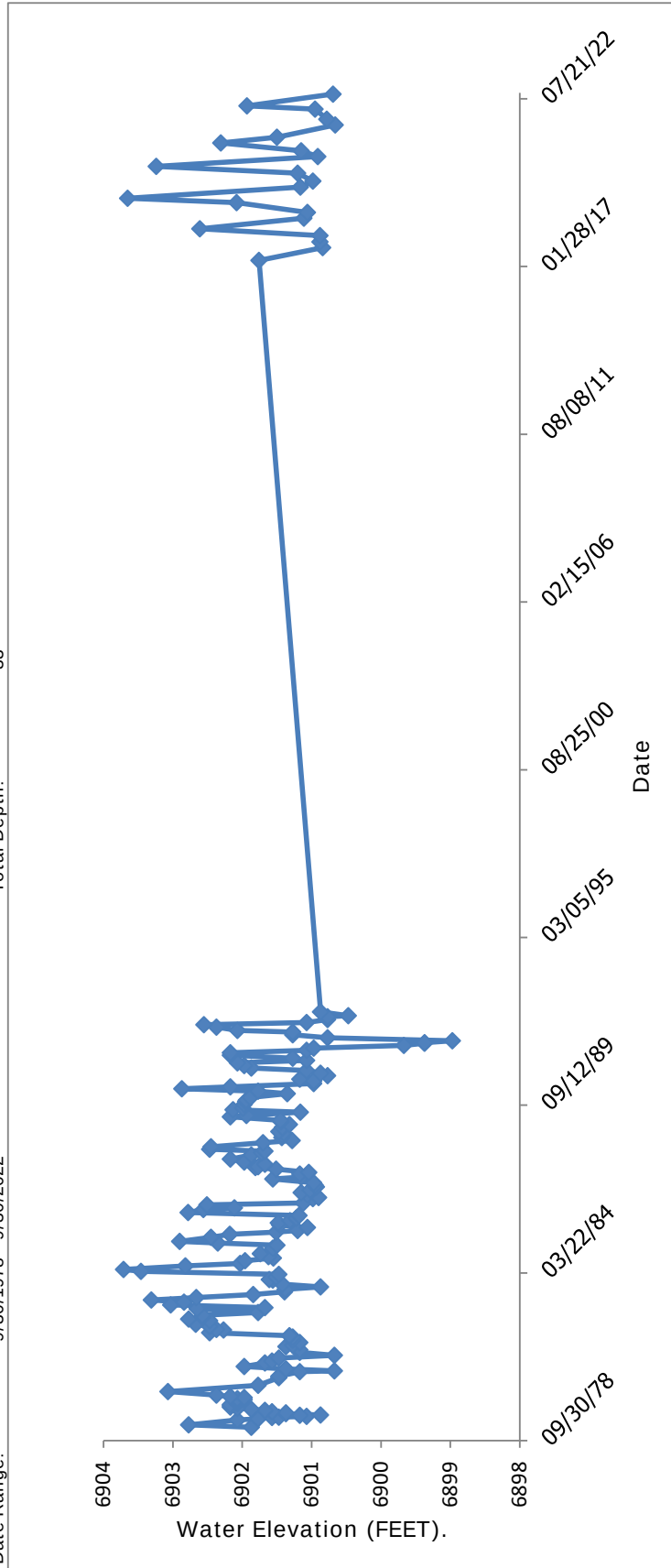
Sample Point: 08AW3
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1978 - 9/30/2022
 Township: 005N
 Range: 086W
 Section: 2
 Northing: 58429
 Easting: 37142
 Elevation: 6599
 Total Depth: 15



FOIDEL CREEK MINE - 09S10

Sample Point: 09S10
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1978 - 9/30/2022

Township: 005N
 Northing: 28906
 Easting: 12366
 Elevation: 6907
 Total Depth: 33
 Range: 086W
 Section: 31



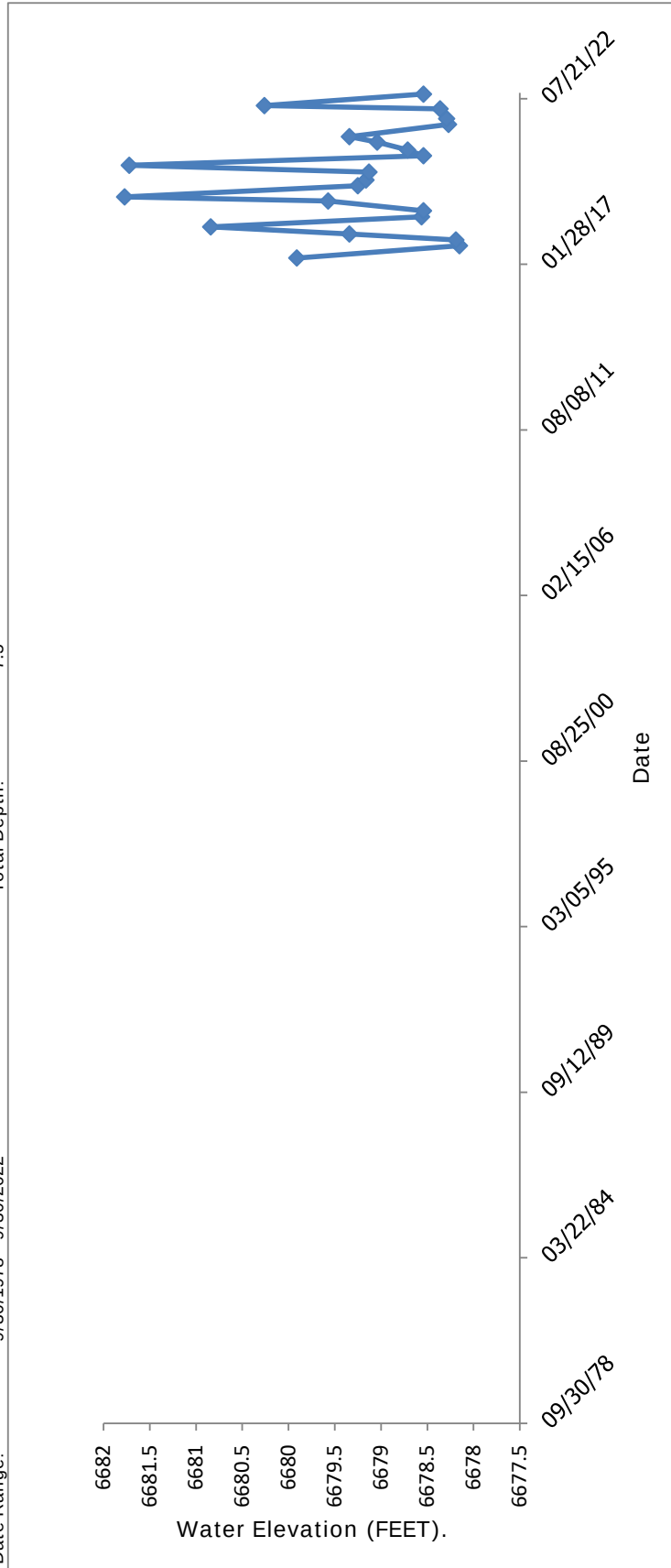
FOIDEL CREEK MINE - AVF13

Sample Point: AVF13
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1978 - 9/30/2022

Township: 005N
 Northing: 45641
 Easting: 19851
 Elevation: 6686
 Total Depth: 7.5

Range: 086W

Section: 17



FOIDEL CREEK MINE - AVF14

Sample Point: AVF14

Mine: FOIDEL CREEK MINE

State: CO

Drainage/Geologic Unit:

Date Range: 9/30/1978 - 9/30/2022

Township: 005N

Range: 086W

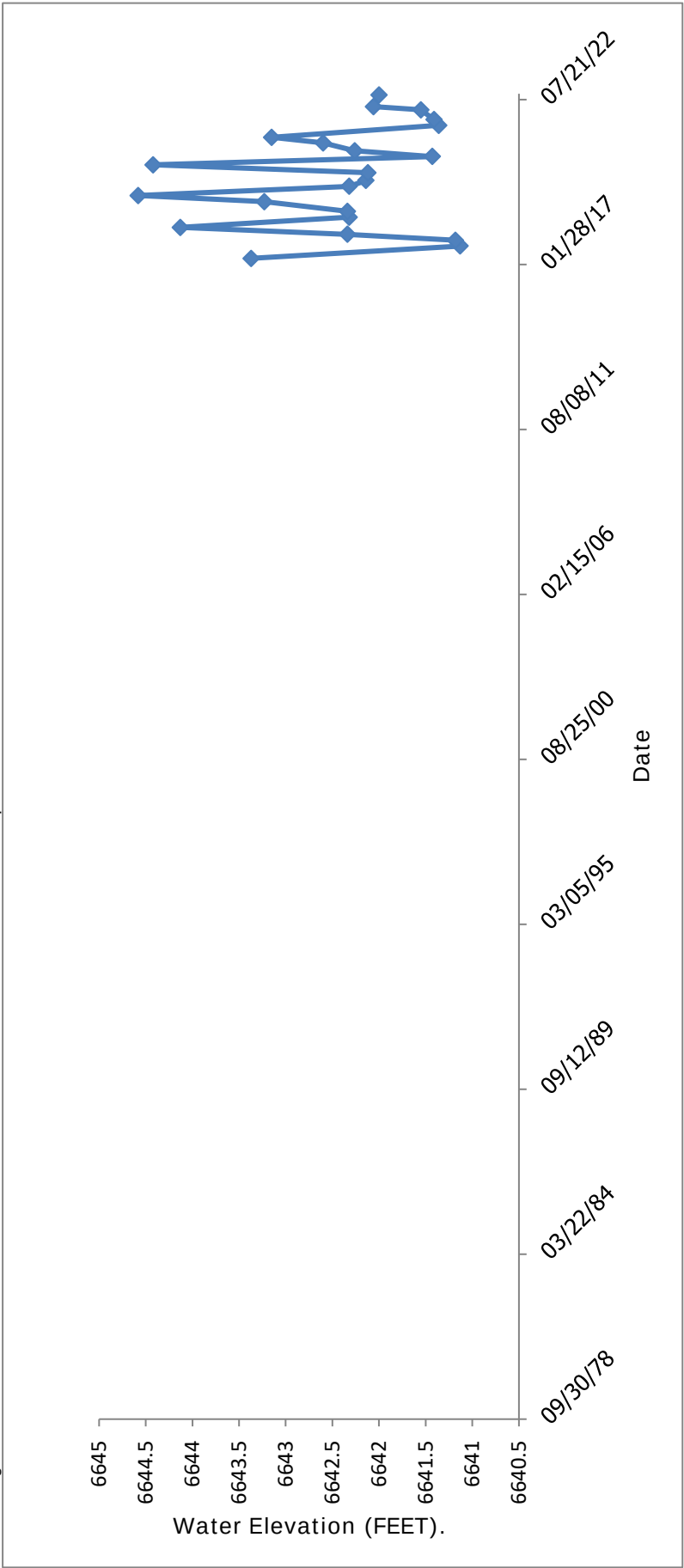
Section: 15

Northing: 47676

Easting: 30810

Elevation: 6650

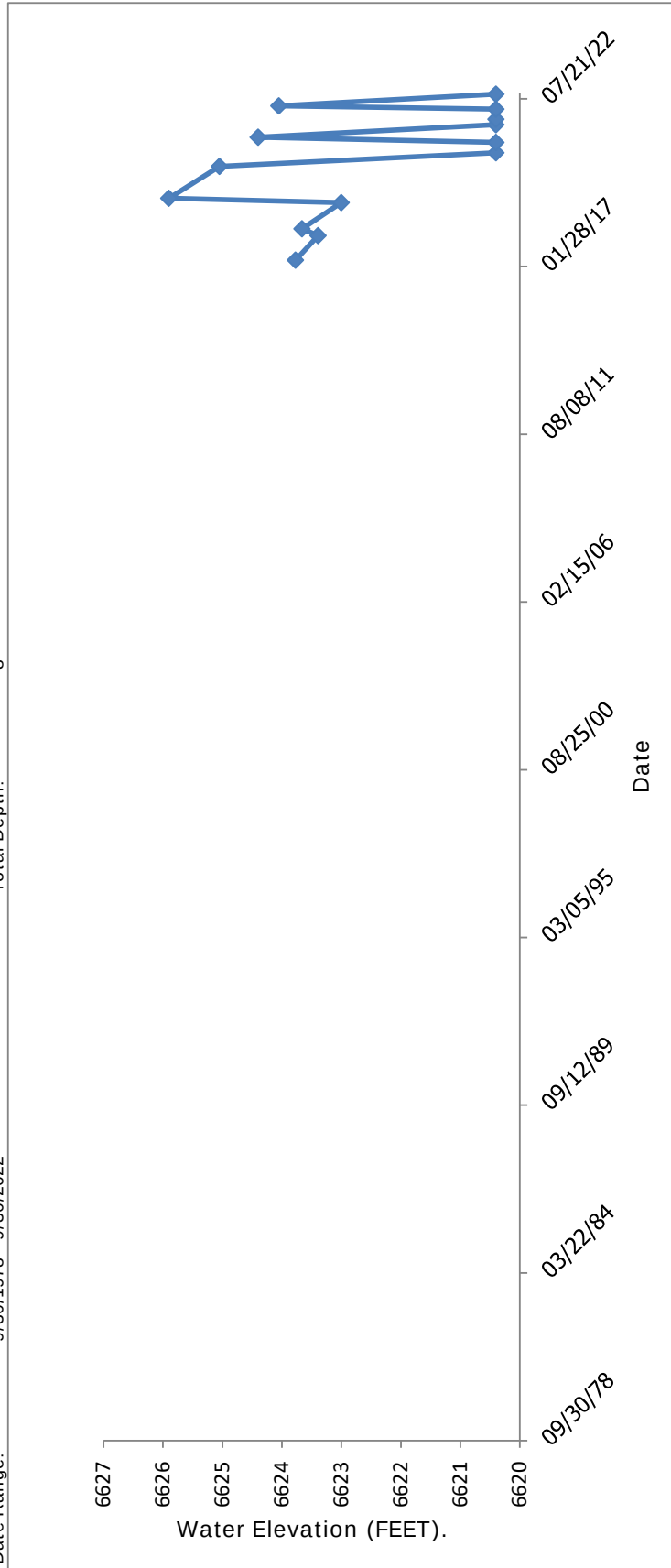
Total Depth: 8



FOIDEL CREEK MINE - AVF15

Sample Point: AVF15
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 9/30/1978 - 9/30/2022

Township: 005N
 Northing: 53081
 Easting: 33667
 Elevation: 6628
 Total Depth: 8
 Range: 086W
 Section: 11



Foidel Creek Mine

2022 Annual Report

Attachment 2

Section 3

Water Quality for Water Year, Life of Well Water Quality Statistics, and Graphs of TDS and Field
Conductivity for Alluvial Wells

2480

2170

mg/L

Total Dissolved Solids, Lab

Ground and Surface Water Quality Statistics Report

01S5		Township		005N		Range:		086W		Section		29	
FOIDEL CREEK MINE		Northing		37533									
CO		Easting		21977									
Drainage/Geologic Unit:		Elevation		6805									
Date Range		10/01/1978 to 9/30/2022											
Parm Description	Units	Uncensored Data					Censored Data						
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max				
Acidity	mg/L	2	-0.4	19	9.3	13.7	0						
Alkalinity as CaCO3, @ pH 4.5	mg/L	86	222	744	426.907	63.36498	0						
Alkalinity, Bicarbonate as CaCO3	mg/L	138	174	892.8	488.4	96.5	0						
Alkalinity, Carbonate as CaCO3	mg/L	21	0	33.6	10.1	10.4	62	<	1	<	20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					10	<	2	<	10		
Aluminum, Dissolved	ug/L	0					6	<	400	<	400		
Ammonia Nitrogen	mg/L	72	0.001	17.6	1.852	3.600	33	<	0.001	<	0.2		
Ammonium	mg/L	61	0.02	270	6.43	34.45	9	<	0.02	<	0.2		
Arsenic, Dissolved	ug/L	7	1	2	1.714286	0.48795	16	<	1	<	5		
Barium, Dissolved	ug/L	5	40	800	410	270	6	<	10	<	300		
Bicarbonate as HCO3	mg/L	10	459	564	514.1	32.26091	0						
Boron, Dissolved	ug/L	5	80	400	160	135.4622	1	<	100	<	100		
Cadmium, Dissolved	ug/L	16	8E-05	36	4.593781	11.88154	102	<	0.00005	<	20		
Cadmium, Total Recoverable	ug/L	1	0.2	0.2	0.2		0						
Calcium, Dissolved	mg/L	139	4	440	157.2216	61.06769	0						
Carbonate as CO3	mg/L	0					8	<	2	<	10		
Chloride	mg/L	33	3	23	14.41818	4.247533	0						
Copper, Dissolved	ug/L	7	10	80	47.14286	26.27691	9	<	20	<	30		
Fluoride	mg/L	9	0.2	0.42	0.28	0.07	3	<	0.5	<	0.5		
Hardness, Calcium	mg/L	83	32.23	1070	557.45	149.74	2	<	2	<	2		
Hydroxide as OH	mg/L	0					52	<	2	<	20		
Iron, Dissolved	ug/L	103	0.03	15000	348.25	1498.61	35	<	4	<	60		
Iron, Total Recoverable	ug/L	1	290	290	290		0						
Lead, Dissolved	ug/L	6	20	200	58.33333	69.68979	95	<	0.03	<	200		
Magnesium, Dissolved	mg/L	138	0.65	156	68.36	25.74	0						
Manganese, Dissolved	ug/L	116	0.046	640	129.367	150.676	20	<	0.01	<	30		
Manganese, Total Recoverable	ug/L	0					1	<	10	<	10		
Mercury, Dissolved	ug/L	5	0.0003	7	1.9001	2.8879	112	<	0.0002	<	1		
Mercury, Total Recoverable	ug/L	0					1	<	0.1	<	0.1		
Molybdenum, Dissolved	ug/L	3	0.01	30	10.01	17.31	98	<	0.02	<	300		

Molybdenum, Total Recoverable	ug/L	0							1	<	50	<	50
Nitrate Nitrogen	mg/L	47	0.03	1.77	0.36	0.36			18	<	0.02	<	0.02
Nitrite Nitrogen	mg/L	9	0.01	0.17	0.04	0.05			24	<	0.01	<	0.02
NO3-NO2 Nitrogen	mg/L	102	0.01	12.75	1.03	2.17			33	<	0.02	<	0.1
pH Temperature	Deg C	32	19.2	25	21.9	1.2			0				
pH, Field	S.U.	299	6.19	8.5	7.49	0.37			0				
pH, Lab	S.U.	57	7.15	8.3	7.91	0.28			0				
Phosphorus, Dissolved	mg/L	3	0.89	1.74	1.20	0.47			0				
Phosphorus, Orthophosphorus	mg/L	70	0.007	1.78	0.273	0.460			44	<	0.005	<	0.05
Potassium, Dissolved	mg/L	18	1.72	10	5.06	2.52			0				
Selenium, Dissolved	ug/L	20	0.0001	15	2.5521	4.4999			98	<	0.0001	<	5
Selenium, Total Recoverable	ug/L	0							1	<	1	<	1
Silver, Dissolved	ug/L	0							3	<	30	<	40
Silver, Total Recoverable	ug/L	0							1	<	0.5	<	0.5
Sodium Adsorption Ratio	RATIO	89	0.564	10.516	3.285	1.214			0				
Sodium, Dissolved	mg/L	138	20	318	180.0362	46.38673			0				
Solids, Total Suspended	mg/L	1	28	28	28				0				
Specific Conductivity, Field	UMHOS/CM	297	225	3020	1610.397	547.6265			0				
Specific Conductivity, Lab	UMHOS/CM	96	1230	2810	1947.948	386.8832			0				
Sulfates	mg/L	141	253	1350	621.5603	245.6182			0				
Temperature, Field	Deg C	295	4	19	9.394576	3.302973			0				
Total Dissolved Solids, Lab	mg/L	138	728	2480	1341.529	421.6346			0				
Zinc, Dissolved	ug/L	27	10	105	47.92593	27.55683			8	<	5	<	10
Zinc, Total Recoverable	ug/L	1	100	100	100				0				

< - denotes value is below detectable limits

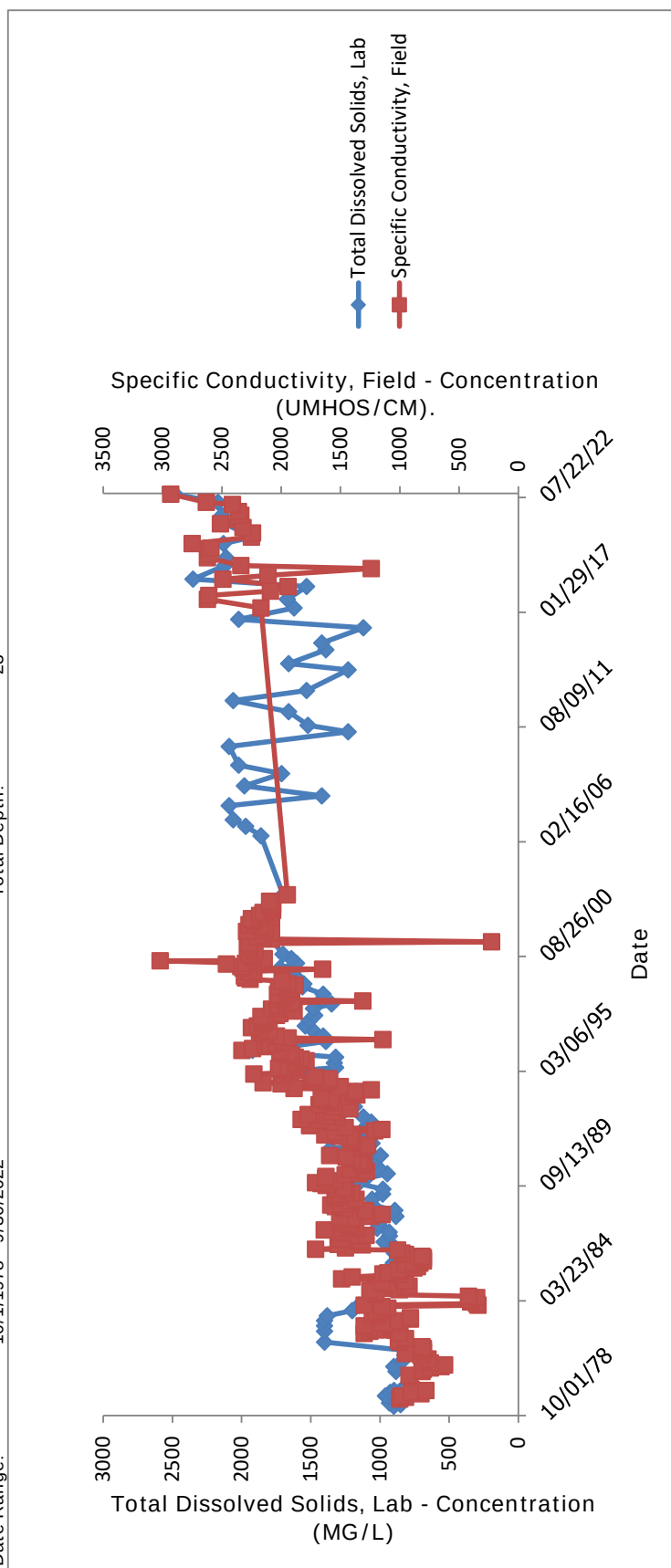
> - denotes value is above detectable limits

FOIDEL CREEK MINE - 01S5

Sample Point: 01S5
Mine: FOIDEL CREEK MINE
State: CO
Drainage/Geologic Unit:
Date Range: 10/1/1978 - 9/30/2022

Township: 005N
Range: 086W
Section: 29

Northings: 37533
Eastings: 21977
Elevation: 6805
Total Depth: 23



Ground and Surface Water Quality Report

Sample Point:	06AY1	Township:	005N	Range:	087W	Section:	35NWNWNE
Mine:	FOIDEL CREEK MINE	Northings:	34871				
State:	CO	Easting:	4731				
Drainage/Geologic Unit:		Elevation:	6828				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection:	11/20/2021	3/19/2022	4/28/2022	9/15/2022
-------------------------------	------------	-----------	-----------	-----------

Comment(s):

Chemical Unit

Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	233	254
Alkalinity, Bicarbonate as CaCO ₃	mg/L	233	254
Alkalinity, Carbonate as CaCO ₃	mg/L	< 20	< 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	< 20	< 20
Ammonia Nitrogen	mg/L	< 0.2	< 0.2
Bicarbonate as HCO ₃	mg/L	284	310
Cadmium, Dissolved	mg/L	0.000089	0.000069
Calcium, Dissolved	mg/L	63.9	76.3
Carbonate as CO ₃	mg/L	< 20	< 20
Hydroxide as OH	mg/L	< 20	< 20
Iron, Dissolved	mg/L	0.097	0.111
Lead, Dissolved	mg/L	< 0.15	< 0.15
Magnesium, Dissolved	mg/L	36.3	43.6
Manganese, Dissolved	mg/L	0.059	0.130
Mercury, Dissolved	mg/L	< 0.001	< 0.001
Molybdenum, Dissolved	mg/L	< 0.1	< 0.1
NO ₃ -NO ₂ Nitrogen	mg/L	< 0.1	0.023
pH Temperature	Deg C	22.8	21.8
pH, Field	S.U.	7.4	7.47
pH, Lab	S.U.	8.2	7.7
Phosphorus, Orthophosphorus	mg/L	0.030	0.019
Selenium, Dissolved	mg/L	0.00118	0.00086
Sodium, Dissolved	mg/L	18.2	20.2
Specific Conductivity, Field	UMHOS/CM	700	770
Specific Conductivity, Lab	ums/cm	629	694
Sulfates	mg/L	109	139
Temperature, Field	Deg C	10.2	13.2

448

416

mg/L

Total Dissolved Solids, Lab

Ground and Surface Water Quality Statistics Report

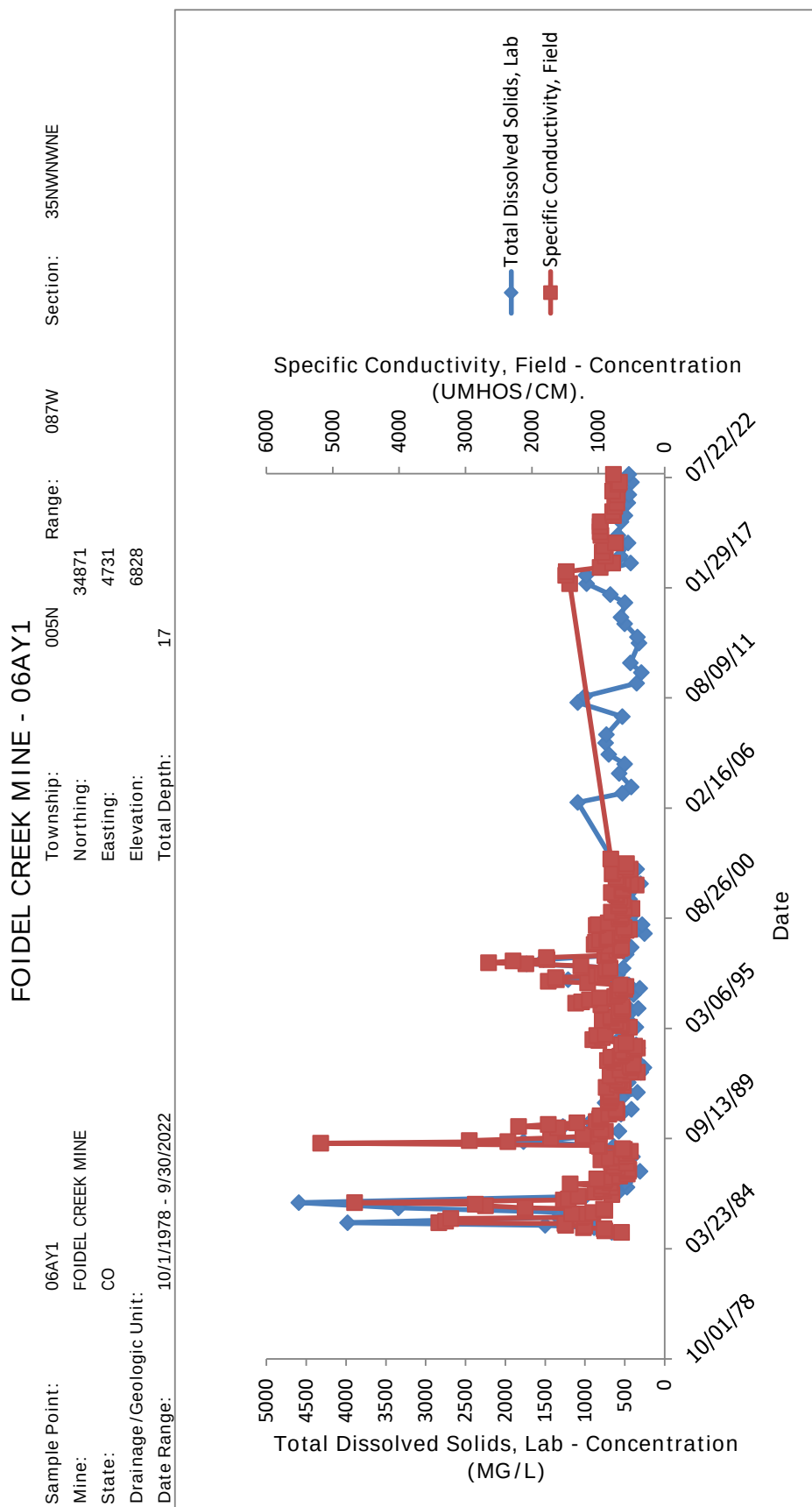
Sample Point 06AY1 **Township** 005N **Range:** 087W **Section** 35NWNWNE
Mine: FOIDEL CREEK MINE **Northing** 34871
State: CO **Easting** 4731
Drainage/Geologic Unit: **Elevation** 6828
Date Range 10/01/1978 to 9/30/2022

Parm Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	85	134	495	280.2	64.75298	0		
Alkalinity, Bicarbonate as CaCO ₃	mg/L	105	163	604	329.1067	78.41653	0		
Alkalinity, Carbonate as CaCO ₃	mg/L	13	0	14	4.946154	5.605892	56	< 1	< 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					10	< 2	< 10
Ammonia Nitrogen	mg/L	33	0.001	0.44	0.058	0.094	60	< 0.001	< 5
Ammonium	mg/L	51	0.04	1.06	0.16	0.17	9	< 0.01	< 0.05
Arsenic, Dissolved	ug/L	4	2	3	2.25	0.5	6	< 1	< 2
Bicarbonate as HCO ₃	mg/L	10	284	479	374.8	70.36855	0		
Cadmium, Dissolved	ug/L	19	6.9E-05	0.8	0.17378	0.26418	82	< 0.00005	< 5
Cadmium, Total Recoverable	ug/L	1	0.2	0.2	0.2		0		
Calcium, Dissolved	mg/L	101	5.1	520	102.3	74.1	0		
Carbonate as CO ₃	mg/L	2	5.1	6	5.6	0.6	6	< 2	< 10
Chloride	mg/L	3	6	18	11.33333	6.110101	0		
Copper, Total	ug/L	0					1	< 10	< 10
Flow	cfs	1	8.3	8.3	8.3		0		
Hardness, Calcium	mg/L	60	212	2336	514.6833	415.2321	2	< 2	< 2
Hydroxide as OH	mg/L	0					51	< 2	< 20
Iron, Dissolved	ug/L	85	0.02	17000	495.67	2055.93	17	< 0.03	< 100
Iron, Total Recoverable	ug/L	1	4050	4050	4050		0		
Lead, Dissolved	ug/L	5	20	50	34	11.40175	87	< 0.03	< 50
Lead, Total	ug/L	0					1	< 20	< 20
Magnesium, Dissolved	mg/L	101	2.3	252	52.4	37.0	0		
Manganese, Dissolved	ug/L	83	0.007	10200	1261.355	2005.290	17	< 0.01	< 5
Manganese, Total	ug/L	1	5040	5040	5040		0		
Manganese, Total Recoverable	ug/L	1	390	390	390		0		
Mercury, Dissolved	ug/L	3	0.0003	0.2	0.1001	0.0999	98	< 0.0002	< 5
Mercury, Total Recoverable	ug/L	0					1	< 0.1	< 0.1
Molybdenum, Dissolved	ug/L	2	0.01	10	5.01	7.06	90	< 0.02	< 250
Molybdenum, Total Recoverable	ug/L	0					1	< 50	< 50
Nitrate Nitrogen	mg/L	36	0.01	0.85	0.12	0.18	27	< 0.02	< 0.02

Nitrite Nitrogen	mg/L	5	0.01	0.07	0.04	0.02	26	<	0.01	<	0.02
NO3-NO2 Nitrogen	mg/L	68	0.02	3.39	0.18	0.46	32	<	0.02	<	0.1
pH Temperature	Deg C	32	18.9	25	21.8	1.4	0				
pH, Field	S.U.	236	6.53	10.4	7.59	0.45	0				
pH, Lab	S.U.	56	6.88	8.4	7.82	0.43	0				
Phosphorus, Dissolved	mg/L	2	0.03	0.06	0.05	0.02	1	<	0.05	<	0.05
Phosphorus, Orthophosphorus	mg/L	63	0.006	0.87	0.064	0.164	35	<	0.005	<	0.05
Selenium, Dissolved	ug/L	49	0.0002	9	1.0439	2.0083	52	<	1	<	2
Selenium, Total Recoverable	ug/L	1	3	3	3		0				
Silver, Total Recoverable	ug/L	0					1	<	0.5	<	0.5
Sodium Adsorption Ratio	RATIO	52	0.43	5.483	1.249	1.250	0				
Sodium, Dissolved	mg/L	101	1.4	609	59.3	88.7	0				
Solids, Total Suspended	mg/L	1	2142	2142	2142		0				
Specific Conductivity, Field	UMHOS/CM	237	410	5180	975.9413	617.7206	0				
Specific Conductivity, Lab	UMHOS/CM	93	443	2390	843.5161	342.5344	0				
Sulfates	mg/L	105	40	2930	299.0857	446.4248	0				
Temperature, Field	Deg C	237	2.9	20	8.9	3.3	0				
Total Dissolved Solids, Lab	mg/L	102	253	4592	703.2843	657.0782	0				
Zinc, Dissolved	ug/L	9	12	70	34.11111	20.63034	2	<	10	<	10
Zinc, Total Recoverable	ug/L	1	40	40	40		0				

< - denotes value is below detectable limit:

> - denotes value is above detectable limit:



Total Dissolved Solids, Lab	mg/L	1060	638
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Ground and Surface Water Quality Statistics Report

Sample Point	08AT1	Township	006N	Range:	086W	Section	36
Mine:	FOIDEL CREEK MINE	Northing	62404				
State:	CO	Easting	41689				
Drainage/Geologic Unit:		Elevation	6580				
Date Range	10/01/1978 to 9/30/2022						

Parm Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	61	146	390	260.1147	47.38709	0		
Alkalinity, Bicarbonate as CaCO ₃	mg/L	74	175	476	301.8432	63.86873	0		
Alkalinity, Carbonate as CaCO ₃	mg/L	3	0	0	0	0	71	< 1	< 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					10	< 2	< 10
Ammonia Nitrogen	mg/L	26	0.05	1.4	0.16	0.30	44	< 0.01	< 5
Ammonium	mg/L	24	0.02	2.2	0.22	0.43	6	< 0.01	< 0.05
Bicarbonate as HCO ₃	mg/L	10	214	332	273.3	33.97728	0		
Cadmium, Dissolved	ug/L	1	0.0002	0.0002	0.0002		73	< 0.00005	< 5
Calcium, Dissolved	mg/L	74	10	240	112.0865	33.61167	0		
Carbonate as CO ₃	mg/L	0					8	< 2	< 10
Hardness, Calcium	mg/L	23	436	991	576.4783	102.7384	2	< 2	< 2
Hydroxide as OH	mg/L	0					58	< 2	< 20
Iron, Dissolved	ug/L	66	0.03	4350	444.09	834.80	8	< 0.05	< 10
Lead, Dissolved	ug/L	1	70	70	70		73	< 0.03	< 50
Magnesium, Dissolved	mg/L	74	3.7	105	49.5	13.6	0		
Manganese, Dissolved	ug/L	73	0.276	2550	438.608	576.433	1	< 5	< 5
Mercury, Dissolved	ug/L	0					74	< 0.0002	< 0.2
Molybdenum, Dissolved	ug/L	2	10	10	10	0	72	< 0.02	< 50
Nitrate Nitrogen	mg/L	23	0.02	0.14	0.04	0.03	12	< 0.02	< 0.02
Nitrite Nitrogen	mg/L	5	0.01	0.06	0.03	0.02	27	< 0.01	< 0.02
NO ₃ -NO ₂ Nitrogen	mg/L	39	0.02	0.37	0.07	0.07	35	< 0.02	< 0.1
pH Temperature	Deg C	38	19	25	21.47632	1.436481	0		
pH, Field	S.U.	132	6.59	8.21	7.47	0.33	0		
pH, Lab	S.U.	62	6.81	8.3	7.69	0.39	0		
Phosphorus, Dissolved	mg/L	3	0.01	0.03	0.02	0.01	0		
Phosphorus, Orthophosphorus	mg/L	34	0.005	0.12	0.027	0.022	37	< 0.005	< 0.05
Selenium, Dissolved	ug/L	25	0.0001	2	0.1615	0.5533	49	< 0.0001	< 2
Sodium Adsorption Ratio	RATIO	23	0.57	1.667	0.675	0.221	0		
Sodium, Dissolved	mg/L	74	2.6	122	34.6	13.4	0		
Specific Conductivity, Field	UMHOS/CM	132	460	1600	1017.455	161.94	0		

Specific Conductivity, Lab	UMHOS/CM	74	623	1410	948.2838	158.4347	0
Sulfates	mg/L	74	110	901	297.4324	113.1637	0
Temperature, Field	Deg C	132	3.5	19	9.3	3.0	0
Total Dissolved Solids, Lab	mg/L	74	426	1060	682.6892	133.6428	0

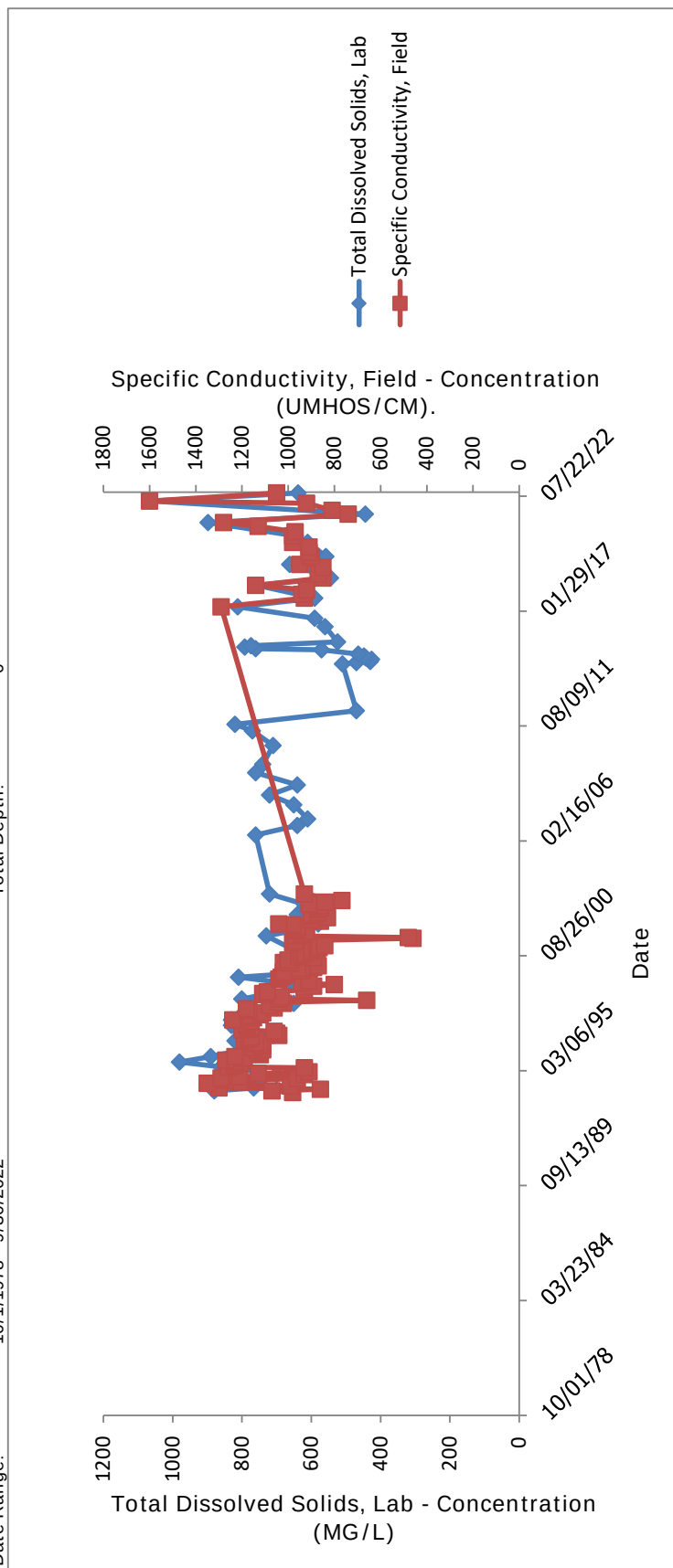
< - denotes value is below detectable limit:

> - denotes value is above detectable limit:

FOIDEL CREEK MINE - 08AT1

Sample Point: 08AT1
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1978 - 9/30/2022

Township: 006N
 Range: 086W
 Section: 36
 Northing: 62404
 Easting: 41689
 Elevation: 6580
 Total Depth: 0



674

764

mg/L

Total Dissolved Solids, Lab

Ground and Surface Water Quality Statistics Report

08AU3		Township		005N		Range:		086W		Section		2	
FOIDEL CREEK MINE		Northing		58077									
CO		Easting		33712									
		Elevation		6610									
Drainage/Geologic Unit:													
Date Range		10/01/1978 to 9/30/2022											
Parm Description	Units	Uncensored Data					Censored Data						
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max				
Acidity	mg/L	2	8	18	13	7.071068	1	<	4	<			4
Alkalinity as CaCO3, @ pH 4.5	mg/L	82	196	630	310.9146	47.92077	0						
Alkalinity, Bicarbonate as CaCO3	mg/L	120	220	756	368.423	57.69168	0						
Alkalinity, Carbonate as CaCO3	mg/L	13	0	16.8	5.0	6.2	57	<	1	<			20
Alkalinity, Hydroxide as CaCO3	mg/L	0					10	<	2	<			10
Aluminum, Dissolved	ug/L	0					7	<	300	<			400
Ammonia Nitrogen	mg/L	43	0.001	0.79	0.112	0.135	52	<	0.001	<			5
Ammonium	mg/L	56	0.02	0.89	0.21	0.13	7	<	0.01	<			0.05
Arsenic, Dissolved	ug/L	7	1	7	2.571429	2.225394	12	<	1	<			5
Barium, Dissolved	ug/L	1	300	300	300		2	<	300	<			300
Bicarbonate as HCO3	mg/L	10	350	427	391.6	23.34381	0						
Boron, Dissolved	ug/L	4	80	300	147.5	102.4288	3	<	100	<			300
Cadmium, Dissolved	ug/L	9	0.0003	7	1.0445	2.2578	99	<	0.00005	<			20
Cadmium, Total Recoverable	ug/L	1	1.3	1.3	1.3		0						
Calcium, Dissolved	mg/L	116	12	475	119.0155	44.40094	0						
Carbonate as CO3	mg/L	1	9.5	9.5	9.5		7	<	2	<			10
Chloride	mg/L	19	5	13	8.894737	2.330826	0						
Copper, Dissolved	ug/L	1	60	60	60		5	<	20	<			30
Flow	cfs	1	9.4	9.4	9.4		0						
Fluoride	mg/L	4	0.04	0.34	0.23	0.14	3	<	0.5	<			0.5
Hardness, Calcium	mg/L	74	270	847	496.5405	94.91585	2	<	2	<			2
Hydroxide as OH	mg/L	0					48	<	2	<			20
Iron, Dissolved	ug/L	107	0.05	52000	1601.46	6125.62	9	<	0.05	<			60
Iron, Total Recoverable	ug/L	1	126000	126000	126000		0						
Lead, Dissolved	ug/L	4	30	200	90	76.15773	93	<	0.03	<			200
Magnesium, Dissolved	mg/L	116	3.9	321	48.5	27.6	0						
Manganese, Dissolved	ug/L	115	0.061	1200	412.971	310.953	0						
Manganese, Total Recoverable	ug/L	1	1240	1240	1240		0						
Mercury, Dissolved	ug/L	5	0.1	7	1.5	3.1	103	<	0.0002	<			1
Mercury, Total Recoverable	ug/L	1	0.2	0.2	0.2		0						

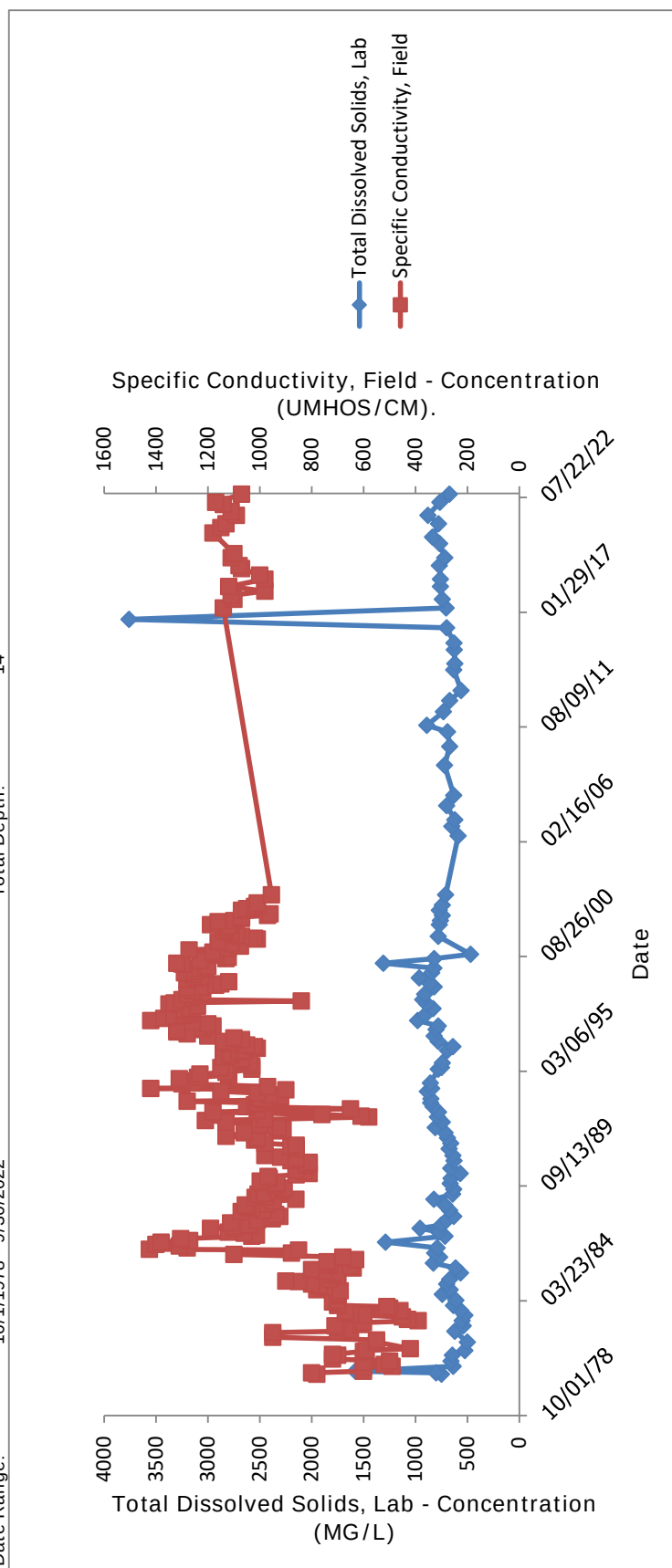
Molybdenum, Dissolved	ug/L	1	0.01	0.01	0.01	96	<	0.02	<	300
Molybdenum, Total Recoverable	ug/L	0				1	<	50	<	50
Nitrate Nitrogen	mg/L	45	0.02	1.02	0.10	19	<	0.02	<	0.02
Nitrite Nitrogen	mg/L	3	0.01	0.04	0.02	28	<	0.01	<	0.02
NO3-NO2 Nitrogen	mg/L	84	0.02	1.21	0.18	31	<	0.02	<	0.1
pH Temperature	Deg C	30	19	24	21.79	0				
pH, Field	S.U.	274	6.2	8.21	7.39	0				
pH, Lab	S.U.	56	7.1	8.4	7.8	0				
Phosphorus, Dissolved	mg/L	1	0.02	0.02	0.02	0				
Phosphorus, Orthophosphorus	mg/L	42	0.006	0.22	0.025	65	<	0.005	<	0.05
Potassium, Dissolved	mg/L	10	1.1	4	2.0	0				
Selenium, Dissolved	ug/L	24	0.0001	16	1.5419	84	<	0.0001	<	5
Selenium, Total Recoverable	ug/L	0				1	<	1	<	1
Silver, Dissolved	ug/L	0				3	<	30	<	40
Silver, Total Recoverable	ug/L	1	0.5	0.5	0.5	0				
Sodium Adsorption Ratio	RATIO	70	0.635	4.81	1.187	0				
Sodium, Dissolved	mg/L	116	6	200	63.62069	0				
Solids, Total Suspended	mg/L	1	2762	2762	2762	0				
Specific Conductivity, Field	UMHOS/CM	274	390	1425	997.7664	0				
Specific Conductivity, Lab	UMHOS/CM	93	780	3310	1077.011	0				
Sulfates	mg/L	121	97	2330	308.1488	0				
Temperature, Field	Deg C	275	2.6	20	9.6	0				
Total Dissolved Solids, Lab	mg/L	117	470	3760	769.3846	0				
Zinc, Dissolved	ug/L	19	10	340	72.68421	1	<	10	<	10
Zinc, Total Recoverable	ug/L	1	250	250	250	0				

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - 08AU3

Sample Point:	08AU3	Township:	005N	Range:	086W	Section:	2
Mine:	FOIDEL CREEK MINE	Northing:	58077				
State:	CO	Easting:	33712				
Drainage/Geologic Unit:		Elevation:	6610				
Date Range:	10/1/1978 - 9/30/2022	Total Depth:	14				



Ground and Surface Water Quality Report

Sample Point:	08AV1	Township:	Range:	Section:
Mine:	FOIDEL CREEK MINE	Northing:	50000	
State:	CO	Easting:	41309	
Drainage/Geologic Unit:		Elevation:	6677	
Date Range:	10/01/2021 - 9/30/2022			

Date(s) of Collection:	11/20/2021	3/19/2022	4/28/2022
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Comment(s):

Chemical

Unit

pH, Field	S.U.	7.31	7.37	7.42
Specific Conductivity, Field	UMHOS/CM	1170	1210	1320
Temperature, Field	Deg C	9.9	8.4	7.9

Ground and Surface Water Quality Statistics Report

Sample Point			Township	Range:		Section			
Mine:	FOIDEL CREEK MINE	50000	Northing						
State:	CO	41309	Easting						
Drainage/Geologic Unit:			Elevation	6677					
Date Range			10/01/1978 to 9/30/2022						
Parm Description			Uncensored Data			Censored Data			
	Units	Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO3, @ pH 4.5	mg/L	7	272	710	463.4286	170.2771	0		
Alkalinity, Bicarbonate as CaCO3	mg/L	9	167	866	477.4	249.7806	0		
Alkalinity, Carbonate as CaCO3	mg/L	4	0	8	2.5	3.785939	1	< 2	< 2
Ammonia Nitrogen	mg/L	3	0.015	0.104	0.074	0.051	3	< 0.001	< 0.05
Ammonium	mg/L	8	0.09	13.1	3.55	5.86	0		
Arsenic, Dissolved	ug/L	2	2	3	2.5	0.7071068	1	< 1	< 1
Cadmium, Dissolved	ug/L	1	0.1	0.1	0.1		6	< 0.1	< 20
Cadmium, Total Recoverable	ug/L	1	0.4	0.4	0.4		0		
Calcium, Dissolved	mg/L	9	182	255	221.1111	24.54814	0		
Chloride	mg/L	2	13	14	13.5	0.7071068	0		
Flow	cfs	1	9.7	9.7	9.7		0		
Hardness, Calcium	mg/L	9	689	1055	895.4445	101.3868	0		
Hydroxide as OH	mg/L	0					1	< 2	< 2
Iron, Dissolved	ug/L	7	50	580	215.7143	189.5483	1	< 60	< 60
Iron, Total Recoverable	ug/L	1	3740	3740	3740		0		
Lead, Dissolved	ug/L	1	30	30	30		3	< 20	< 20
Magnesium, Dissolved	mg/L	9	57	103	83.51111	16.1354	0		
Manganese, Dissolved	ug/L	7	20	4500	1470.429	1693.51	1	< 10	< 10
Manganese, Total Recoverable	ug/L	1	140	140	140		0		
Mercury, Dissolved	ug/L	2	0.3	0.4	0.4	0.1	5	< 0.2	< 0.2
Mercury, Total Recoverable	ug/L	1	0.6	0.6	0.6		0		
Molybdenum, Dissolved	ug/L	0					4	< 10	< 50
Molybdenum, Total Recoverable	ug/L	0					1	< 50	< 50
Nitrate Nitrogen	mg/L	6	0.13	5.85	1.30	2.27	1	< 0.02	< 0.02
Nitrite Nitrogen	mg/L	1	10	10	10		1	< 0.02	< 0.02
NO3-NO2 Nitrogen	mg/L	8	0.14	5.85	1.09	1.96	1	< 0.02	< 0.02
pH, Field	S.U.	189	6.7	8.5	7.5	0.3	0		
Phosphorus, Orthophosphorus	mg/L	8	0.038	1.76	0.416	0.566	0		
Selenium, Dissolved	ug/L	4	2	14	5.5	5.744563	3	< 1	< 1
Selenium, Total Recoverable	ug/L	1	1	1	1		0		

Silver, Total Recoverable	ug/L	0	1.0631	1.7456	1.4569	0.2707	1	<	0.5	<	0.5
Sodium Adsorption Ratio	RATIO	9					0				
Sodium, Dissolved	mg/L	9	68	127	101.4111	22.61573	0				
Solids, Total Suspended	mg/L	1	208	208	208		0				
Specific Conductivity, Field	UMHOS/CM	189	500	2420	1625.688	356.0925	0				
Specific Conductivity, Lab	UMHOS/CM	5	1040	2190	1770	452.3826	0				
Sulfates	mg/L	9	280	889	615.7778	253.0799	0				
Temperature, Field	Deg C	189	2	20	9.497355	3.50069	0				
Total Dissolved Solids, Lab	mg/L	9	632	1788	1269.778	412.1959	0				
Zinc, Dissolved	ug/L	3	20	30	23.33333	5.773503	0				
Zinc, Total Recoverable	ug/L	1	150	150	150		0				

< - denotes value is below detectable limit:

> - denotes value is above detectable limit:

FOIDEL CREEK MINE - 08AV1

Section:

Range:

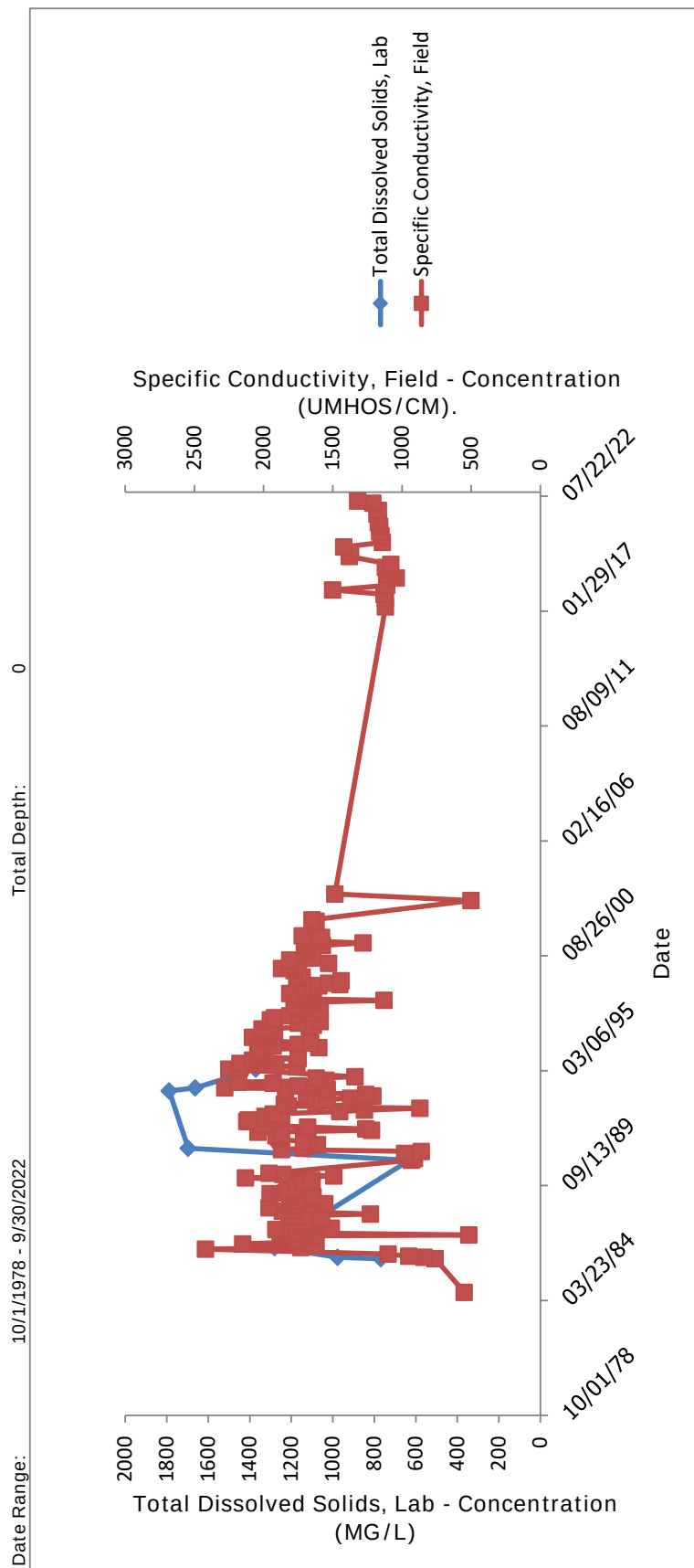
Sample Point:
Mine:
State:
Drainage/Geologic Unit:
Date Range:

50000
41309
6677

Township:
Northing:
Easting:
Elevation:
Total Depth:

08AV1
FOIDEL CREEK MINE
CO

10/1/1978 - 9/30/2022



Ground and Surface Water Quality Report

Sample Point:	08AV2	Township:	005N	Range:	086W	Section:	13
Mine:	FOIDEL CREEK MINE	Northings:	50034				
State:	CO	Easting:	41312				
Drainage/Geologic Unit:		Elevation:	6677				
Date Range:	10/01/2021 - 9/30/2022						
Date(s) of Collection:	11/20/2021	3/19/2022	4/28/2022	9/15/2022			
Comment(s):	Chemical						
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L		392	393			
Alkalinity, Bicarbonate as CaCO ₃	mg/L		392	393			
Alkalinity, Carbonate as CaCO ₃	mg/L		< 20	< 20			
Alkalinity, Hydroxide as CaCO ₃	mg/L		< 20	< 20			
Ammonia Nitrogen	mg/L		0.147	0.675			
Bicarbonate as HCO ₃	mg/L		479	480			
Cadmium, Dissolved	mg/L		0.000082	< 0.00025			
Calcium, Dissolved	mg/L		158	169			
Carbonate as CO ₃	mg/L		< 20	< 20			
Hydroxide as OH	mg/L		< 20	< 20			
Iron, Dissolved	mg/L		0.294	1.15			
Lead, Dissolved	mg/L		< 0.15	< 0.15			
Magnesium, Dissolved	mg/L		63.2	66.9			
Manganese, Dissolved	mg/L		1.49	1.12			
Mercury, Dissolved	mg/L		< 0.001	< 0.001			
Molybdenum, Dissolved	mg/L		< 0.1	< 0.1			
NO ₃ -NO ₂ Nitrogen	mg/L		0.068	< 0.1			
pH Temperature	Deg C		22.3	21.3			
pH, Field	S.U.	7.19	7.37	7.22			
pH, Lab	S.U.		8.2	7.8			
Phosphorus, Orthophosphorus	mg/L		0.035	< 0.05			
Selenium, Dissolved	mg/L		0.00015	< 0.00025			
Sodium, Dissolved	mg/L		100.0	106			
Specific Conductivity, Field	UMHOS/CM	1510	1620	1620			
Specific Conductivity, Lab	ums/cm		1500	1460			
Sulfates	mg/L		435	459			
Temperature, Field	Deg C	9.8	7.8	11.4			

1090

1090

mg/L

Total Dissolved Solids, Lab

Ground and Surface Water Quality Statistics Report

08AV2	005N	Range:	086W	Section	13				
FOIDEL CREEK MINE	Northing								
CO	Easting								
	Elevation								
Drainage/Geologic Unit:									
Date Range									
10/01/1978 to 9/30/2022									
Parm Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Acidity	mg/L	3	8	31	21.66667	12.09683	0		
Alkalinity as CaCO3, @ pH 4.5	mg/L	85	254	428	333.9765	35.96194	0		
Alkalinity, Bicarbonate as CaCO3	mg/L	120	153	483.12	388.94	54.74	0		
Alkalinity, Carbonate as CaCO3	mg/L	12	0	16.8	3.2	5.9	63	< 1	< 20
Alkalinity, Hydroxide as CaCO3	mg/L	0					10	< 2	< 10
Aluminum, Dissolved	ug/L	0					7	< 300	< 400
Ammonia Nitrogen	mg/L	49	0.001	2.9	0.324	0.515	52	< 0.001	< 5
Ammonium	mg/L	58	0.02	1.25	0.35	0.26	9	< 0.01	< 0.05
Arsenic, Dissolved	ug/L	2	1	4	2.5	2.12132	14	< 1	< 5
Barium, Dissolved	ug/L	1	300	300	300		2	< 200	< 300
Bicarbonate as HCO3	mg/L	10	445	523	486.7	27.08854	0		
Boron, Dissolved	ug/L	5	70	500	216	182.8387	2	< 100	< 100
Cadmium, Dissolved	ug/L	15	8.2E-05	4	0.60669	1.03541	95	< 0.00005	< 20
Calcium, Dissolved	mg/L	120	21	570	184.3333	46.87733	0		
Carbonate as CO3	mg/L	0					8	< 2	< 10
Chloride	mg/L	23	6	14	10.3913	1.994062	0		
Copper, Dissolved	ug/L	2	50	70	60	14.14214	5	< 20	< 30
Fluoride	mg/L	5	0.2	0.4	0.3	0.1	2	< 0.5	< 0.5
Hardness, Calcium	mg/L	73	516	1180	769.5068	116.3974	2	< 2	< 2
Hydroxide as OH	mg/L	0					52	< 2	< 20
Iron, Dissolved	ug/L	99	0.03	23000	625.66	2799.06	21	< 5	< 60
Lead, Dissolved	ug/L	8	30	300	96.25	100.5609	94	< 0.03	< 200
Magnesium, Dissolved	mg/L	120	7.4	120	74.7	13.6	0		
Manganese, Dissolved	ug/L	116	0.055	4310	971.324	1099.161	3	< 5	< 20
Mercury, Dissolved	ug/L	5	0.0002	5	1.2601	2.1396	105	< 0.0002	< 1
Molybdenum, Dissolved	ug/L	5	0.01	100	42.01	53.10	97	< 0.02	< 300
Nitrate Nitrogen	mg/L	54	0.02	3.09	0.19	0.43	11	< 0.02	< 0.02
Nitrite Nitrogen	mg/L	15	0.01	0.1	0.03	0.03	18	< 0.01	< 0.02
NO3-NO2 Nitrogen	mg/L	103	0.02	3.1	0.24	0.37	17	< 0.02	< 0.1
pH Temperature	Deg C	32	18.9	25	21.9	1.3	0		

pH, Field	S.U.	285	6.1	8.37	7.36	0.35	0		
pH, Lab	S.U.	57	6.91	8.3	7.80	0.39	0		
Phosphorus, Dissolved	mg/L	3	0.02	0.05	0.04	0.02	0		
Phosphorus, Orthophosphorus	mg/L	63	0.006	0.29	0.030	0.044	46	<	0.05
Potassium, Dissolved	mg/L	10	1.3	3	1.9	0.6	0		
Selenium, Dissolved	ug/L	35	0.0001	16	1.6003	3.6152	75	<	5
Selenium, Total Recoverable	ug/L	0					3	<	40
Sodium Adsorption Ratio	RATIO	74	0.9304	2.1456	1.2809	0.1920	0		
Sodium, Dissolved	mg/L	120	8.6	142	86.7	15.8	0		
Solids, Total Suspended	mg/L	1	38	38	38		0		
Specific Conductivity, Field	UMHOS/CM	285	560	2130	1438.656	325.0206	0		
Specific Conductivity, Lab	UMHOS/CM	97	1180	2420	1593.948	179.8598	0		
Sulfates	mg/L	121	348	1070	593.9835	127.5567	0		
Temperature, Field	Deg C	285	2	24	9.60807	3.657566	0		
Total Dissolved Solids, Lab	mg/L	121	808	1970	1206.182	162.5112	0		
Zinc, Dissolved	ug/L	16	10	120	53.25	33.97352	1	<	10

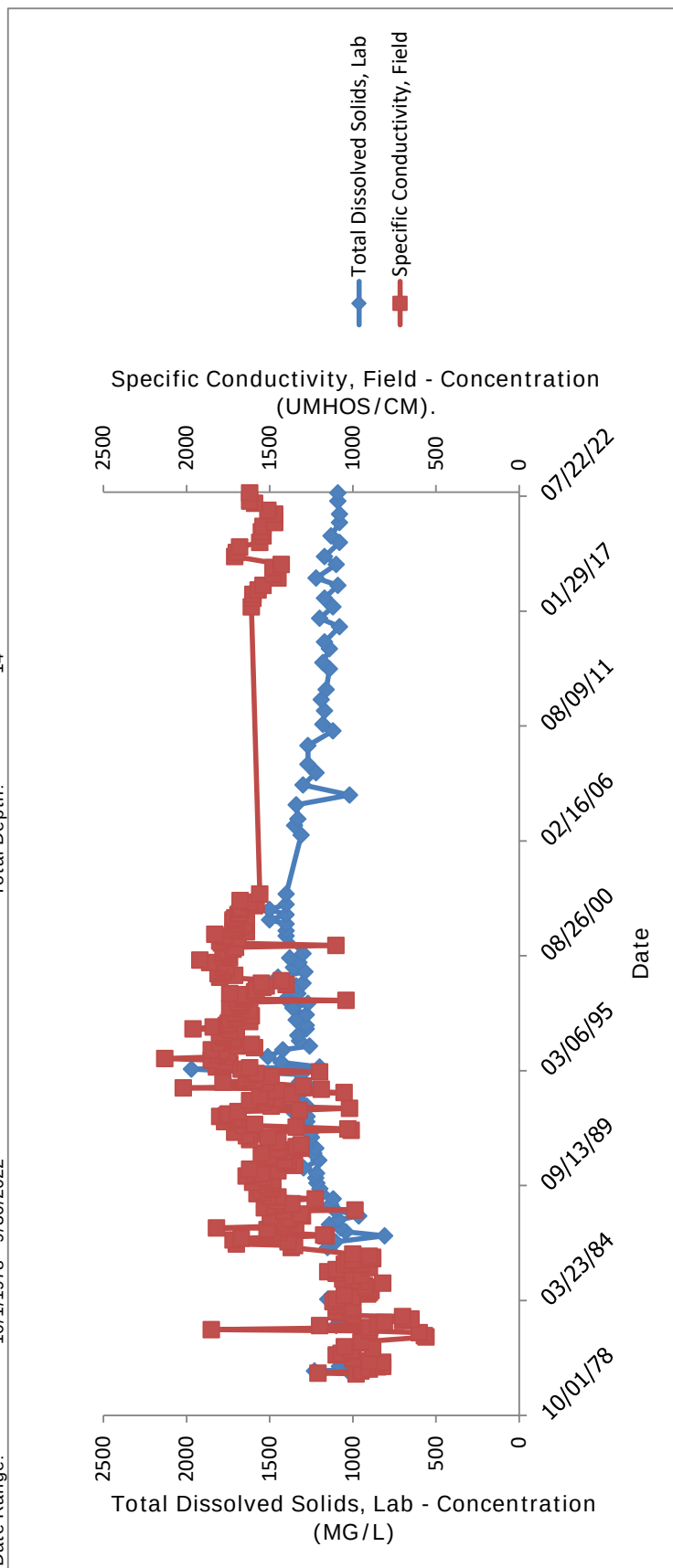
< - denotes value is below detectable limits

> - denotes value is above detectable limit

FOIDEL CREEK MINE - 08AV2

Sample Point: 08AV2
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1978 - 9/30/2022

Township: 005N
 Northing: 50034
 Easting: 41312
 Elevation: 6677
 Total Depth: 14
 Range: 086W
 Section: 13



Ground and Surface Water Quality Report

Sample Point:	08AW3	Township:	005N	Range:	086W	Section:	2
Mine:	FOIDEL CREEK MINE	Northings:	58429				
State:	CO	Easting:	37142				
Drainage/Geologic Unit:		Elevation:	6599				
Date Range:	10/01/2021 - 9/30/2022						
Date(s) of Collection:	11/20/2021	3/19/2022	4/28/2022	9/15/2022			
Comment(s):	Chemical						
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L		399				565
Alkalinity, Bicarbonate as CaCO ₃	mg/L		399				565
Alkalinity, Carbonate as CaCO ₃	mg/L		< 20				< 20
Alkalinity, Hydroxide as CaCO ₃	mg/L		< 20				< 20
Ammonia Nitrogen	mg/L		< 0.2				0.422
Bicarbonate as HCO ₃	mg/L		487				689
Cadmium, Dissolved	mg/L		< 0.0005				0.000259
Calcium, Dissolved	mg/L		384				453
Carbonate as CO ₃	mg/L		< 20				< 20
Hydroxide as OH	mg/L		< 20				< 20
Iron, Dissolved	mg/L		< 0.3				0.164
Lead, Dissolved	mg/L		< 0.3				< 0.15
Magnesium, Dissolved	mg/L		250				325
Manganese, Dissolved	mg/L		0.066				0.636
Mercury, Dissolved	mg/L		< 0.001				< 0.001
Molybdenum, Dissolved	mg/L		< 0.2				< 0.1
NO ₃ -NO ₂ Nitrogen	mg/L		< 0.1				0.180
pH Temperature	Deg C		22.7				21.0
pH, Field	S.U.		7.02				6.78
pH, Lab	S.U.	7	8.0				7.7
Phosphorus, Orthophosphorus	mg/L		< 0.05				0.015
Selenium, Dissolved	mg/L		0.00037				< 0.00025
Sodium, Dissolved	mg/L		89.2				132
Specific Conductivity, Field	UMHOS/CM	3430	3530				3750
Specific Conductivity, Lab	ums/cm		3140				3580
Sulfates	mg/L		1770				2170
Temperature, Field	Deg C	8.5	7				13.1

Total Dissolved Solids, Lab	mg/L	2890	3710
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Ground and Surface Water Quality Statistics Report

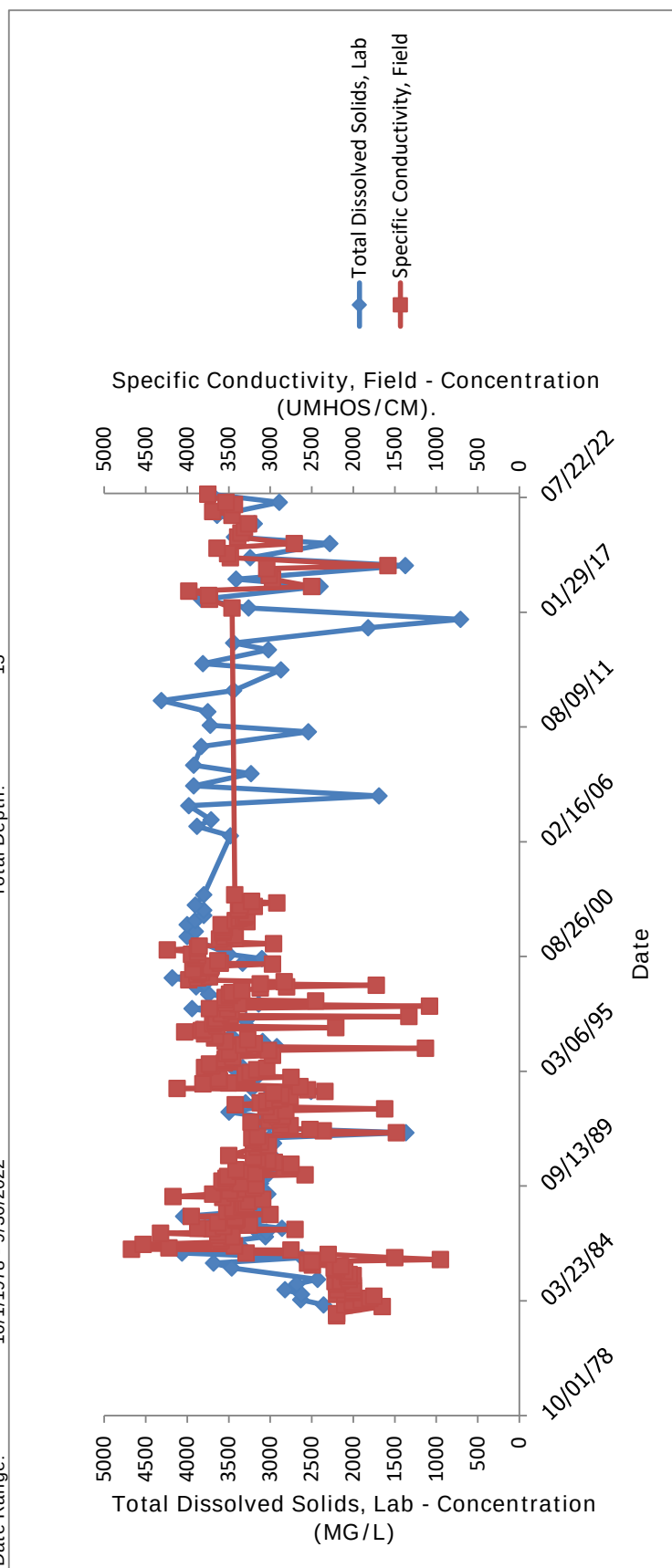
Sample Point		Township		Range:		Section	
08AW/3		005N		086W		2	
Mine:		Northing					
FOIDEL CREEK MINE		58429					
State:		Easting					
CO		37142					
Drainage/Geologic Unit:		Elevation					
10/01/1978 to 9/30/2022		6599					
Date Range							
						</	

Selenium, Dissolved	ug/L	24	0.0001	15	2.8751	4.4459	79	<	0.0001	<	5
Sodium Adsorption Ratio	RATIO	56	0.0484	1.446	1.0258	0.2989	0				
Sodium, Dissolved	mg/L	107	5	179	105.8617	31.03685	0				
Solids, Total Suspended	mg/L	1	4340	4340	4340		0				
Specific Conductivity, Field	UMHOS/CM	253	950	4670	3152.13	656.9117	0				
Specific Conductivity, Lab	UMHOS/CM	99	945	4130	3307.859	517.073	0				
Sulfates	mg/L	113	270	23000	2110.292	2030.158	0				
Temperature, Field	Deg C	253	2.1	21	10.2	4.0	0				
Total Dissolved Solids, Lab	mg/L	109	706	4310	3247.202	601.9703	0				
Zinc, Dissolved	ug/L	8	10	135	61.875	35.85063	0				

< - denotes value is below detectable limit:

> - denotes value is above detectable limit:

FOIDEL CREEK MINE - 08AW3
 Sample Point: 08AW3
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1978 - 9/30/2022
 Township: 005N
 Range: 086W
 Section: 2
 Northing: 58429
 Easting: 37142
 Elevation: 6599
 Total Depth: 15



806

820

mg/L

Total Dissolved Solids, Lab

Ground and Surface Water Quality Statistics Report

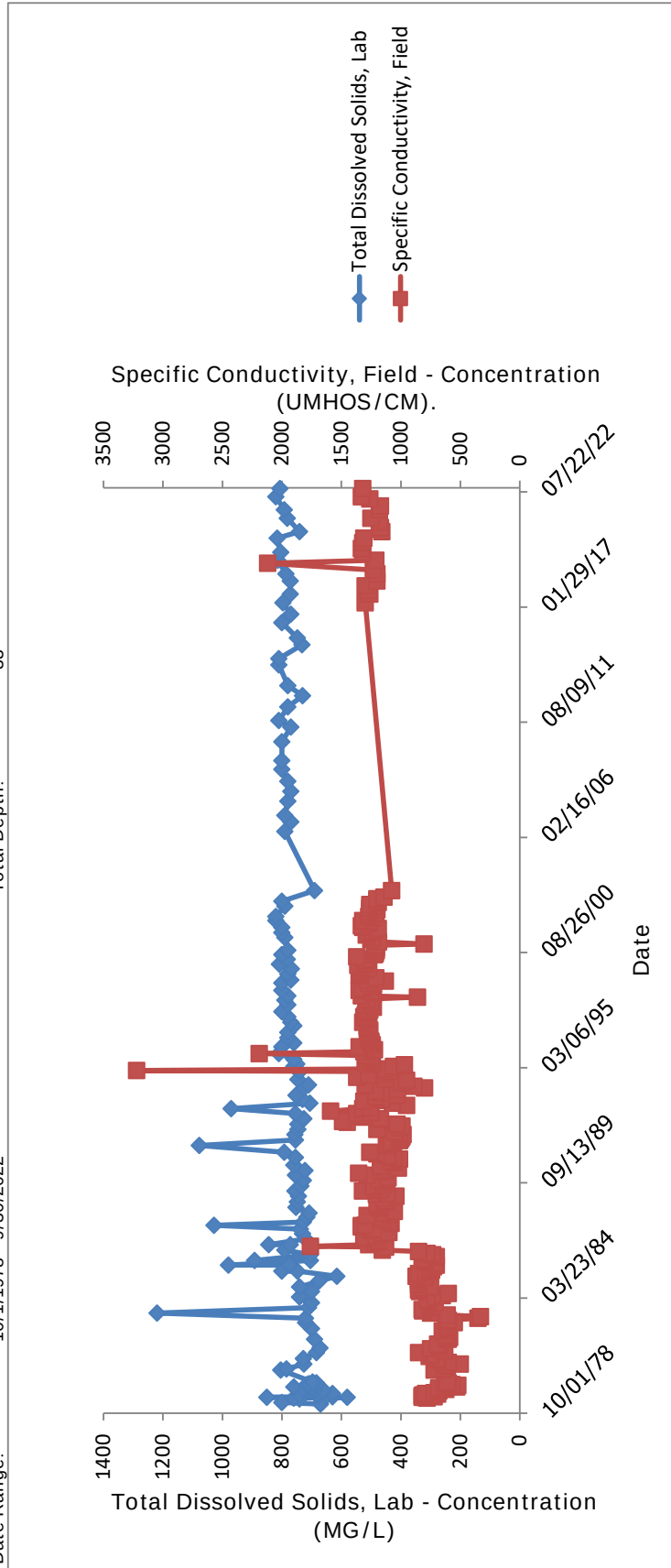
09S10		Township		005N	Range:		086W	Section		31
FOIDEL CREEK MINE		Northing		28906						
CO		Easting		12366						
		Elevation		6907						
Drainage/Geologic Unit:										
Date Range										
10/01/1978 to 9/30/2022										
Parm Description	Units	Uncensored Data					Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max	
Acidity	mg/L	2	4	10	7	4.24264	2	<	4	<
Alkalinity as CaCO3, @ pH 4.5	mg/L	87	220	512	437.2299	32.77148	0			
Alkalinity, Bicarbonate as CaCO3	mg/L	147	204	625	507.9415	65.16756	0			
Alkalinity, Carbonate as CaCO3	mg/L	55	0	43.2	16.9	11.5	39	<	1	<
Alkalinity, Hydroxide as CaCO3	mg/L	0					10	<	2	<
Aluminum, Dissolved	ug/L	4	10	950	482.5	395.0844	10	<	20	<
Ammonia Nitrogen	mg/L	58	0.001	1.92	0.420	0.532	51	<	0.001	<
Ammonium	mg/L	41	0.02	2.2	0.72	0.59	32	<	0.01	<
Arsenic, Dissolved	ug/L	6	1	4	2.666667	1.21106	25	<	1	<
Barium, Dissolved	ug/L	10	0	1300	388	389.6665	18	<	10	<
Bicarbonate as HCO3	mg/L	11	463	556	503.4546	27.06054	0			
Boron, Dissolved	ug/L	16	60	430	278.125	109.0088	0			
Cadmium, Dissolved	ug/L	13	5E-05	33	7.19238	13.23819	108	<	0.00005	<
Cadmium, Total Recoverable	ug/L	1	0.2	0.2	0.2		0			20
Calcium, Dissolved	mg/L	150	13.16	122	43.44	12.41	0			
Carbonate as CO3	mg/L	6	3.8	24.2	14.1	7.1	3	<	2	<
Chloride	mg/L	46	1	43	11.17174	7.633105	0			10
Copper, Dissolved	ug/L	8	10	80	31.25	24.74874	25	<	20	<
Fluoride	mg/L	27	0.35	4.1	0.69	0.71	2	<	0.5	<
Hardness, Calcium	mg/L	103	5.8	660	184.7	76.5	0			0.5
Hydroxide as OH	mg/L	0					52	<	2	<
Iron, Dissolved	ug/L	95	0.02	4300	126.89	470.55	55	<	0.05	<
Iron, Total Recoverable	ug/L	0					1	<	20	<
Lead, Dissolved	ug/L	2	20	20	20	0	107	<	0.03	<
Magnesium, Dissolved	mg/L	150	1.23	92	21.02	8.65	0			200
Manganese, Dissolved	ug/L	110	0.008	338	55.092	64.320	39	<	0.005	<
Manganese, Total Recoverable	ug/L	0					1	<	10	<
Mercury, Dissolved	ug/L	6	0.0002	3	0.7835	1.1736	120	<	0.0002	<
Mercury, Total Recoverable	ug/L	1	0.1	0.1	0.1		0			1
Molybdenum, Dissolved	ug/L	7	10	400	85.85714	142.3732	102	<	0.02	<
										500

FOIDEL CREEK MINE - 09S10

Sample Point: 09S10
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1978 - 9/30/2022

Township: 005N
 Range: 086W
 Section: 31

Northing: 28906
 Easting: 12366
 Elevation: 6907
 Total Depth: 33



Total Dissolved Solids, Lab
mg/L
1000
518

Ground and Surface Water Quality Statistics Report

Sample Point AVF13
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range 10/01/1978 to 9/30/2022

Township 005N
 Northing 45641
 Easting 19851
 Elevation 6686

Range: 086W Section 17

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Alkalinity as CaCO3, @ pH 4.5	mg/L	31	270	532	365.0968	68.83621	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	37	292	587	421.0811	75.58636	0				
Alkalinity, Carbonate as CaCO3	mg/L	2	6.8	7.8	7.3	0.7	35	< 1	< 20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					10	< 2	< 10		
Ammonia Nitrogen	mg/L	25	0.06	0.39	0.15	0.08	12	< 0.05	< 5		
Ammonium	mg/L	1	0.22	0.22	0.22		0				
Bicarbonate as HCO3	mg/L	10	356	649	461.1	104.1862	0				
Cadmium, Dissolved	ug/L	2	0.0001	0.000112	0.000106	0.000008	35	< 0.00005	< 5		
Calcium, Dissolved	mg/L	37	72.7	240	108.9	34.0	0				
Carbonate as CO3	mg/L	1	4.1	4.1	4.1		7	< 2	< 10		
Hardness, Calcium	mg/L	0					2	< 2	< 2		
Hydroxide as OH	mg/L	0					31	< 2	< 20		
Iron, Dissolved	ug/L	35	0.03	15000	430.08	2535.20	2	< 5	< 10		
Lead, Dissolved	ug/L	0					37	< 0.03	< 50		
Magnesium, Dissolved	mg/L	37	13	72.1	49.8	13.0	0				
Manganese, Dissolved	ug/L	36	0.01	2000	233.93	599.28	1	< 5	< 5		
Mercury, Dissolved	ug/L	2	0.0003	0.0003	0.0003	0	35	< 0.0002	< 0.2		
Molybdenum, Dissolved	ug/L	0					37	< 0.02	< 50		
Nitrate Nitrogen	mg/L	4	0.02	0.1	0.06	0.03	2	< 0.02	< 0.02		
Nitrite Nitrogen	mg/L	0					6	< 0.02	< 0.05		
NO3-NO2 Nitrogen	mg/L	16	0.02	0.17	0.05	0.04	21	< 0.02	< 0.1		
pH Temperature	Deg C	31	19.1	24	21.7	1.2	0				
pH, Field	S.U.	32	7.03	8.5	7.47	0.29	0				
pH, Lab	S.U.	37	7.22	8.4	7.97	0.31	0				
Phosphorus, Dissolved	mg/L	3	0.01	0.05	0.03	0.02	0				
Phosphorus, Orthophosphorus	mg/L	26	0.01	0.17	0.04	0.03	8	< 0.01	< 0.05		
Selenium, Dissolved	ug/L	31	0.0001	3	0.2584	0.8151	6	< 0.0003	< 2		
Sodium, Dissolved	mg/L	37	48.3	100	72.2	17.3	0				
Specific Conductivity, Field	UMHOS/CM	32	795	1520	1101.156	211.8236	0				
Specific Conductivity, Lab	UMHOS/CM	37	786	1550	1068.622	224.8315	0				

Sulfates	37	120	460	250.3784	90.50088	0
Temperature, Field	32	2.8	14.2	9.5	2.8	0
Total Dissolved Solids, Lab	37	510	1110	740.3784	182.3012	0

< - denotes value is below detectable limit:

> - denotes value is above detectable limit:

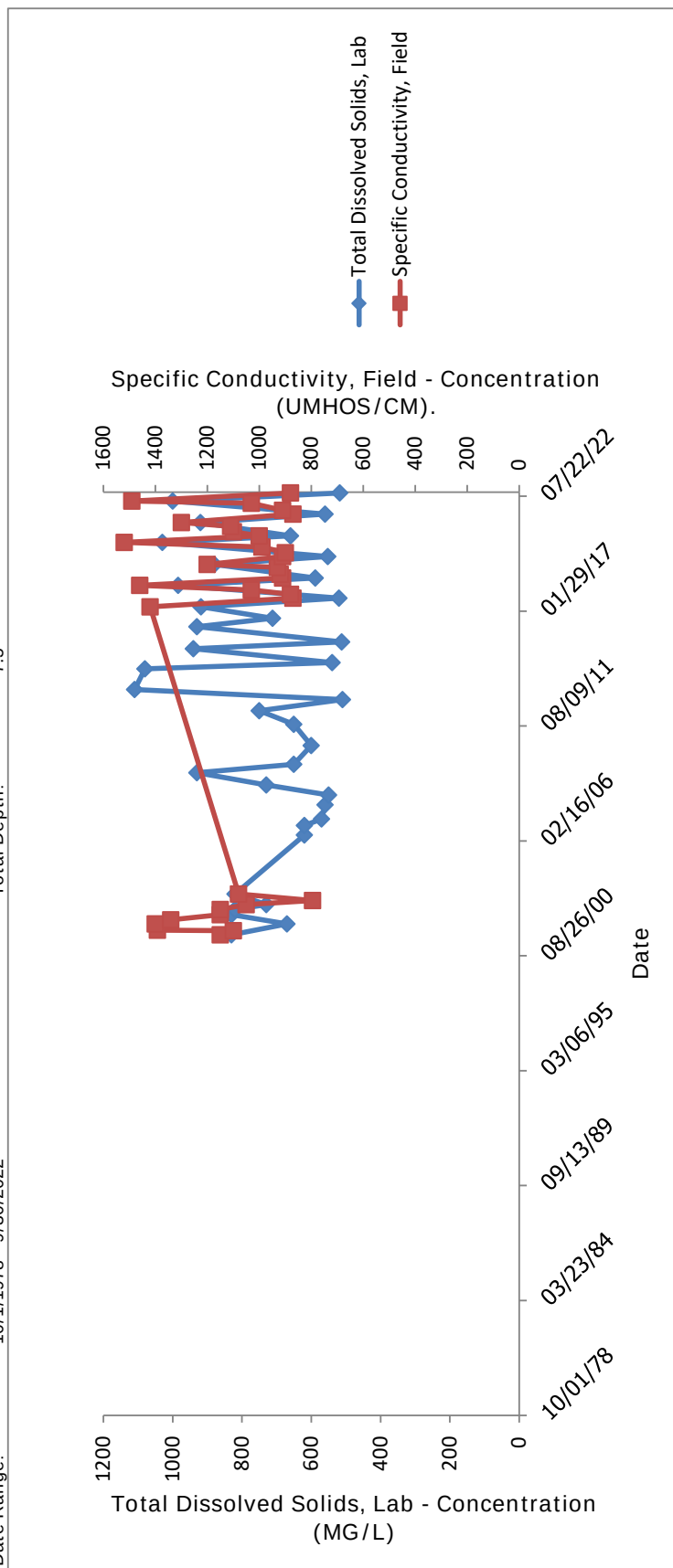
FOIDEL CREEK MINE - AVF13

Sample Point: AVF13
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1978 - 9/30/2022

Township: 005N
 Northing: 45641
 Easting: 19851
 Elevation: 6686
 Total Depth: 7.5

Range: 086W

Section: 17



Ground and Surface Water Quality Report

Sample Point:		AVF14	Township:		005N	Range:	086W	Section:	15
Mine:		FOIDEL CREEK MINE	Northing:		47676				
State:		CO	Easting:		30810				
Drainage/Geologic Unit:									
Date Range:		10/01/2021 - 9/30/2022							
Date(s) of Collection:		11/20/2021	3/19/2022	4/28/2022					
Comment(s):		Chemical	Unit						
Alkalinity as CaCO3, @ pH 4.5		mg/L	263						
Alkalinity, Bicarbonate as CaCO3		mg/L	263						
Alkalinity, Carbonate as CaCO3		mg/L	< 20						
Alkalinity, Hydroxide as CaCO3		mg/L	< 20						
Ammonia Nitrogen		mg/L	< 0.2						
Bicarbonate as HCO3		mg/L	320						
Cadmium, Dissolved		mg/L	< 0.00025						
Calcium, Dissolved		mg/L	83.7						
Carbonate as CO3		mg/L	< 20						
Hydroxide as OH		mg/L	< 20						
Iron, Dissolved		mg/L	0.208						
Lead, Dissolved		mg/L	< 0.15						
Magnesium, Dissolved		mg/L	36.9						
Manganese, Dissolved		mg/L	0.017						
Mercury, Dissolved		mg/L	< 0.001						
Molybdenum, Dissolved		mg/L	< 0.1						
NO3-NO2 Nitrogen		mg/L	< 0.1						
pH Temperature		Deg C	22.5						
pH, Field		S.U.	7.38	7.42					
pH, Lab		S.U.	8.2						
Phosphorus, Orthophosphorus		mg/L	< 0.05						
Selenium, Dissolved		mg/L	0.00010						
Sodium, Dissolved		mg/L	57.1						
Specific Conductivity, Field		UMHOS/CM	960	950					
Specific Conductivity, Lab		ums/cm		851					
Sulfates		mg/L	199						
Temperature, Field		Deg C	10.3	8.5					

562

mg/L

Total Dissolved Solids, Lab

Ground and Surface Water Quality Statistics Report

Sample Point	AVF14	Township	005N	Range:	086W	Section	15
Mine:	FOIDEL CREEK MINE	Northing	47676				
State:	CO	Easting	30810				
Drainage/Geologic Unit:		Elevation	6650				
Date Range	10/01/1978 to 9/30/2022						
Param Description	Units	Uncensored Data				Censored Data	
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	29	233	318	276.4483	21.83475	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	34	263	388	323.4412	31.25573	0
Alkalinity, Carbonate as CaCO ₃	mg/L	4	3	11.2	6.6	3.7	30
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					8
Ammonia Nitrogen	mg/L	11	0.05	0.26	0.08	0.06	23
Ammonium	mg/L	0					1
Bicarbonate as HCO ₃	mg/L	8	320	377	349.875	19.16423	0
Cadmium, Dissolved	ug/L	0					34
Calcium, Dissolved	mg/L	34	71.1	130	87.3	11.8	0
Carbonate as CO ₃	mg/L	1	6.7	6.7	6.7		5
Hardness, Calcium	mg/L	0					2
Hydroxide as OH	mg/L	0					29
Iron, Dissolved	ug/L	32	0.03	4500	141.36	795.36	2
Lead, Dissolved	ug/L	0					34
Magnesium, Dissolved	mg/L	34	14	54	35.74412	6.895286	0
Manganese, Dissolved	ug/L	33	0.011	310	21.647	66.427	1
Mercury, Dissolved	ug/L	1	0.0002	0.0002	0.0002		33
Molybdenum, Dissolved	ug/L	0					34
Nitrate Nitrogen	mg/L	2	0.02	0.05	0.04	0.02	3
Nitrite Nitrogen	mg/L	1	0.02	0.02	0.02		4
NO ₃ -NO ₂ Nitrogen	mg/L	12	0.02	0.87	0.11	0.24	22
pH Temperature	Deg C	29	19	24	21.77586	1.212923	0
pH, Field	S.U.	30	7.05	8.55	7.49	0.32	0
pH, Lab	S.U.	34	7.31	8.4	8.06	0.28	0
Phosphorus, Dissolved	mg/L	3	0.01	0.02	0.02	0.01	0
Phosphorus, Orthophosphorus	mg/L	13	0.01	0.05	0.02	0.01	18
Selenium, Dissolved	ug/L	18	0.0001	13	0.8335	3.0726	16
Sodium, Dissolved	mg/L	34	44.7	94	54.3	8.6	0
Specific Conductivity, Field	UMHOS/CM	30	0.40972222	1359.6	803000000	7.599900000	0
Specific Conductivity, Lab	UMHOS/CM	34	723	995	845.647	81.36483	0

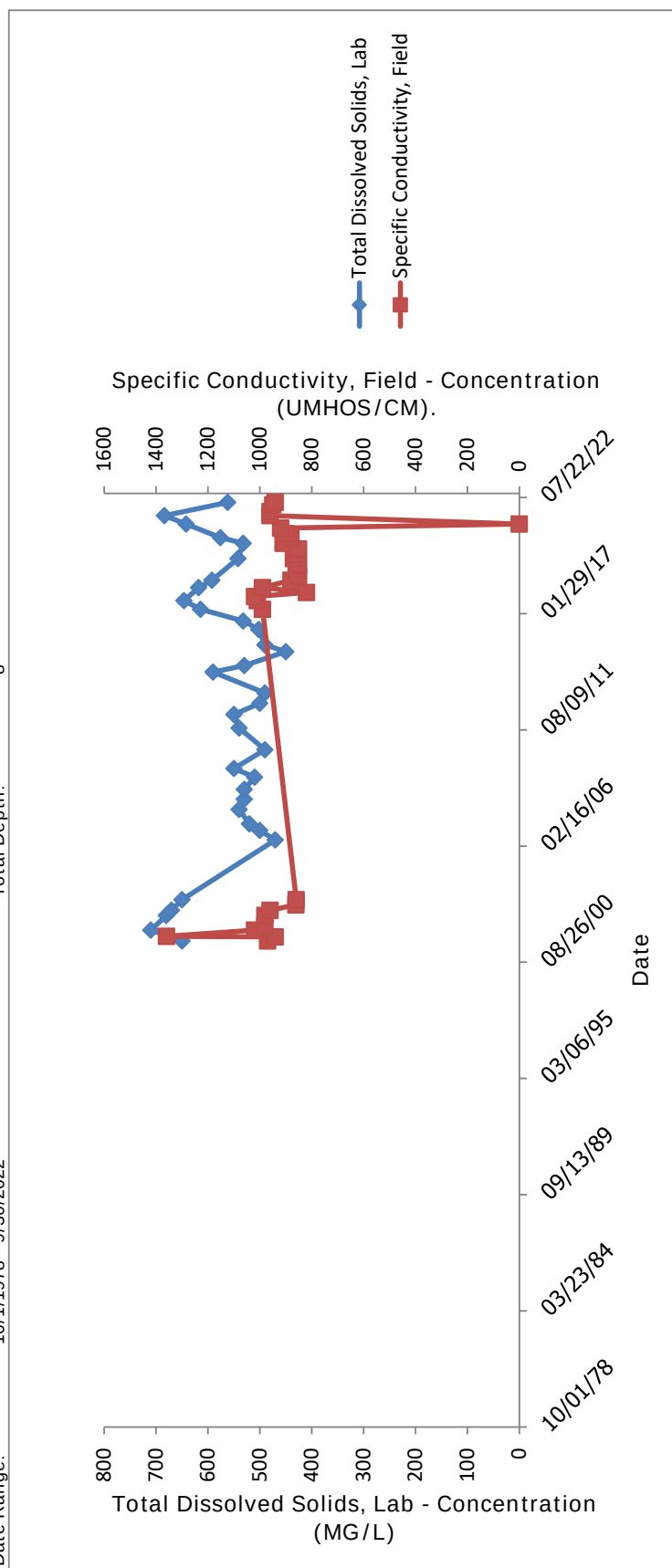
Sulfates	33	140	330	191.7879	42.61291	0
Temperature, Field	30	2.7	15	9.5	2.8	0
Total Dissolved Solids, Lab	34	450	710	564.1765	69.1338	0

< - denotes value is below detectable limit:

> - denotes value is above detectable limit:

FOIDEL CREEK MINE - AVF14

Sample Point:	AVF14	Township:	005N	Range:	086W	Section:	15
Mine:	FOIDEL CREEK MINE	Northing:	47676				
State:	CO	Easting:	30810				
Drainage/Geologic Unit:		Elevation:	6650				
Date Range:	10/1/1978 - 9/30/2022	Total Depth:	8				



Sample Point:
Mine:
State:
Drainage/Geologic Unit:
Date Range:

AVF15	Township:	005N	Range:	086W	Section:	11
FOIDEL CREEK MINE	Northing:	53081				
CO	Easting:	33667				
10/01/2021 - 9/30/2022	Elevation:	6628				

Date(s) of Collection: 4/28/2022

Comment(s):

Chemical Unit

Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	215
Alkalinity, Bicarbonate as CaCO ₃	mg/L	215
Alkalinity, Carbonate as CaCO ₃	mg/L	< 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	< 20
Ammonia Nitrogen	mg/L	< 0.2
Bicarbonate as HCO ₃	mg/L	262
Cadmium, Dissolved	mg/L	< 0.00025
Calcium, Dissolved	mg/L	105
Carbonate as CO ₃	mg/L	< 20
Hydroxide as OH	mg/L	< 20
Iron, Dissolved	mg/L	7.34
Lead, Dissolved	mg/L	< 0.15
Magnesium, Dissolved	mg/L	61.6
Manganese, Dissolved	mg/L	0.375
Mercury, Dissolved	mg/L	< 0.001
Molybdenum, Dissolved	mg/L	< 0.1
NO ₃ -NO ₂ Nitrogen	mg/L	0.021
pH Temperature	Deg C	22.5
pH, Field	S.U.	7.28
pH, Lab	S.U.	7.8
Phosphorus, Orthophosphorus	mg/L	< 0.05
Selenium, Dissolved	mg/L	0.00014
Sodium, Dissolved	mg/L	58.8
Specific Conductivity, Field	UMHOS/CM	1370
Specific Conductivity, Lab	ums/cm	1140
Sulfates	mg/L	429
Temperature, Field	Deg C	8.7

Total Dissolved Solids, Lab

mg/L

832

Ground and Surface Water Quality Statistics Report

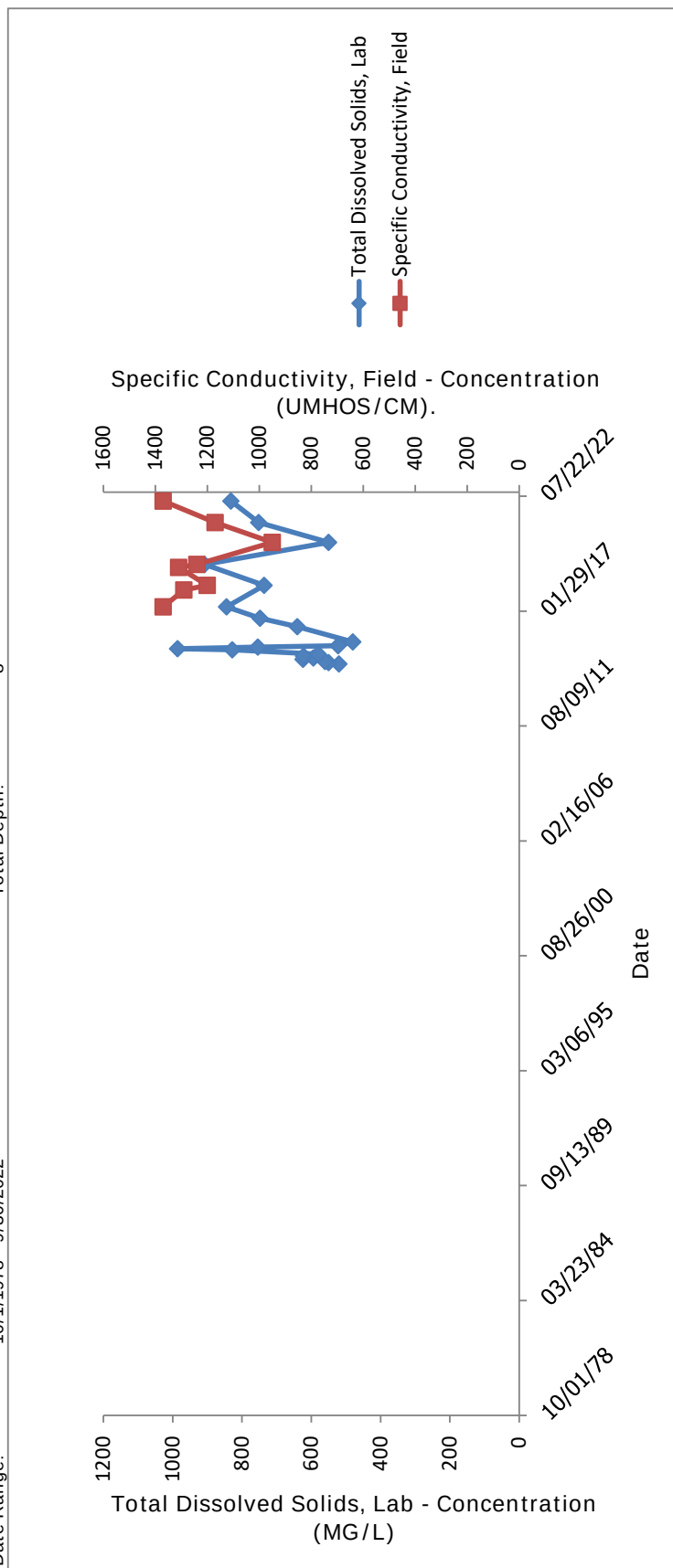
Sample Point	AVF15	Township	005N	Range:	086W	Section	11
Mine:	FOIDEL CREEK MINE	Northing	53081				
State:	CO	Easting	33667				
Drainage/Geologic Unit:		Elevation	6628				
Date Range	10/01/1978 to 9/30/2022						
Param Description	Units	Uncensored Data				Censored Data	
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	20	215	407	333.5	61.57195	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	20	215	497	392.2	93.63963	0
Alkalinity, Carbonate as CaCO ₃	mg/L	1	3.4	3.4	3.4		19 < 2 < 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					5 < 2 < 10
Ammonia Nitrogen	mg/L	10	0.09	0.73	0.28	0.19	10 < 0.05 < 0.2
Bicarbonate as HCO ₃	mg/L	5	262	393	316.8	51.06564	0
Cadmium, Dissolved	mg/L	1	0.0001	0.0001	0.0001		19 < 0.00005 < 0.0005
Calcium, Dissolved	mg/L	20	63.9	138	94.7	17.6	0
Carbonate as CO ₃	mg/L	0					4 < 2 < 10
Hardness, Calcium	mg/L	0					1 < 2 < 2
Hydroxide as OH	mg/L	0					20 < 2 < 20
Iron, Dissolved	mg/L	19	0.04	10	1.90	2.94	1 < 0.05 < 0.05
Lead, Dissolved	mg/L	0					20 < 0.03 < 0.2
Magnesium, Dissolved	mg/L	20	33.6	62.5	44.5	9.5	0
Manganese, Dissolved	mg/L	20	0.217	1.21	0.505	0.261	0
Mercury, Dissolved	mg/L	0					20 < 0.0002 < 0.001
Molybdenum, Dissolved	mg/L	0					20 < 0.02 < 0.1
NO ₃ -NO ₂ Nitrogen	mg/L	8	0.02	0.21	0.06	0.06	12 < 0.02 < 0.1
pH Temperature	Deg C	20	19	23.6	21.2	1.5	0
pH, Field	S.U.	8	6.84	7.38	7.16	0.19	0
pH, Lab	S.U.	20	7.6	8.3	7.9	0.2	0
Phosphorus, Orthophosphorus	mg/L	14	0.01	0.05	0.02	0.01	6 < 0.01 < 0.05
Selenium, Dissolved	mg/L	15	0.0001	0.0042	0.0009	0.0013	5 < 0.0001 < 0.0003
Sodium, Dissolved	mg/L	20	32.9	89.2	55.9	20.2	0
Specific Conductivity, Field	UMHOS/CM	8	950	1370	1237.5	137.1912	0
Specific Conductivity, Lab	ums/cm	20	765	1400	987.7	173.1133	0
Sulfates	mg/L	20	110	429	236.8	107.7094	0
Temperature, Field	Deg C	8	6.1	9	7.7	1.2	0
Total Dissolved Solids, Lab	mg/L	20	480	986	681.5	145.1241	0

< - denotes value is below detectable limit
> - denotes value is above detectable limit

FOIDEL CREEK MINE - AVF15

Sample Point: AVF15
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1978 - 9/30/2022

Township: 005N
 Northing: 53081
 Easting: 33667
 Elevation: 6628
 Total Depth: 8
 Range: 086W
 Section: 11



Foidel Creek Mine
2022 Annual Report
Attachment 3
Surface Water Data

Foidel Creek Mine
2022 Annual Report
Attachment 3
Surface Water Data
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Foidel Creek Mine
2022 Annual Report

Attachment 3

Section 1

Surface Water Flow During Report Period

ATTACHMENT 3: SURFACE WATER FLOW DATA

Permit No. _____

Mine: FOIDEL CREEK MINE

Annual Report Period: 10/01/2021 to 9/30/2022

SAMPLE STATION	MEASURE DATE	FLOW RATE	FLOW RATE UNITS	MEASURING COMPANY	FLOW MEASURE METHOD	FLOW MEASURE EQUIPMENT	FLOW MEASURE TYPE	COMMENTS
1003	4/11/2022 1:15 PM	36.99	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	4/27/2022 2:05 PM	34.67	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	5/11/2022 1:45 PM	47.95	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	5/26/2022 1:30 PM	21.70	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	6/1/2022 12:55 PM	44.93	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	6/9/2022 12:55 PM	19.32	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	6/28/2022 11:40 AM	2.11	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	7/13/2022 1:25 PM	0.44	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	8/3/2022 1:33 PM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	8/11/2022 8:40 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	8/25/2022 10:15 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	8/31/2022 12:30 PM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	9/8/2022 12:35 PM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1003	9/16/2022 11:05 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1005	4/27/2022 2:35 PM	72.60	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1005	5/26/2022 2:05 PM	110.94	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1005	6/1/2022 1:30 PM	139.80	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1005	6/29/2022 11:15 AM	25.81	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1005	7/26/2022 1:10 PM	21.69	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1005	8/11/2022 9:00 AM	4.38	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
1005	9/8/2022 12:50 PM	10.86	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	3/30/2022 8:00 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	4/11/2022 11:00 AM	0.82	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	4/26/2022 11:00 AM	1.26	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	5/27/2022 10:45 AM	0.01	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	6/28/2022 7:15 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	7/13/2022 9:45 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	8/3/2022 10:00 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	8/10/2022 8:55 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	8/16/2022 9:35 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	8/24/2022 8:20 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	8/31/2022 9:50 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	9/8/2022 9:05 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
14	9/16/2022 9:40 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	4/11/2022 12:00 PM	15.94	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	4/26/2022 10:15 AM	29.98	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	5/3/2022 10:00 AM	42.07	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	5/11/2022 11:45 AM	74.68	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	5/26/2022 12:30 PM	29.98	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	6/1/2022 11:10 AM	29.43	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	6/9/2022 11:10 AM	11.31	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	6/28/2022 8:00 AM	2.90	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	7/13/2022 11:00 AM	1.38	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	8/3/2022 12:10 PM	4.14	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	8/10/2022 10:30 AM	1.77	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	8/24/2022 11:10 AM	1.74	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	8/31/2022 11:20 AM	1.23	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	9/8/2022 10:25 AM	0.21	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
16A	9/16/2022 10:10 AM	3.05	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	4/14/2022 11:30 AM	13.49	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	5/3/2022 11:15 AM	59.44	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	5/26/2022 3:15 PM	28.58	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	6/28/2022 11:25 AM	2.48	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	

27A	7/13/2022 1:15 PM	0.64	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	8/3/2022 1:20 PM	0.31	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	8/11/2022 8:20 AM	0.40	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	8/25/2022 10:05 AM	0.11	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	8/31/2022 12:15 PM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	9/8/2022 12:20 PM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
27A	9/16/2022 11:00 AM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	3/30/2022 12:35 PM	13.11	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	4/11/2022 12:45 PM	11.50	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	4/27/2022 1:35 PM	11.32	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	5/11/2022 12:50 PM	13.78	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	5/26/2022 1:00 PM	8.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	6/1/2022 11:45 AM	10.34	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	6/9/2022 11:45 AM	7.10	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	6/28/2022 9:40 AM	4.05	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	7/13/2022 12:55 PM	3.20	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	8/3/2022 12:55 PM	7.02	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	8/10/2022 12:00 PM	5.09	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	8/25/2022 9:45 AM	6.88	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	8/31/2022 12:00 PM	8.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	9/8/2022 11:20 AM	4.66	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
29	9/16/2022 10:45 AM	6.93	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	4/27/2022 1:55 PM	38.30	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	5/11/2022 1:00 PM	123.72	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	5/26/2022 1:10 PM	106.17	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	6/1/2022 12:15 PM	101.82	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	6/9/2022 12:00 PM	130.36	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	6/28/2022 10:00 AM	20.63	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	7/26/2022 12:20 PM	11.22	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	8/10/2022 12:30 PM	8.85	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
301	9/8/2022 11:35 AM	5.44	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
302	7/26/2022 11:45 AM	2.68	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
305	6/28/2022 11:00 AM	1.16	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
305	8/10/2022 1:25 PM	0.56	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
305	9/8/2022 12:10 PM	0.00	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	4/27/2022 2:20 PM	49.93	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	5/11/2022 2:00 PM	143.71	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	5/26/2022 1:45 PM	113.73	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	6/1/2022 1:10 PM	112.68	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	6/9/2022 1:10 PM	134.70	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	6/29/2022 11:00 AM	19.11	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	7/26/2022 12:40 PM	21.85	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	8/11/2022 8:45 AM	22.20	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	9/8/2022 12:40 PM	16.08	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
69	9/16/2022 11:10 AM	25.89	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	4/11/2022 12:20 PM	9.02	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	5/3/2022 10:50 AM	9.23	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	5/27/2022 12:05 PM	3.90	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	6/28/2022 9:10 AM	4.46	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	7/13/2022 12:30 PM	2.64	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	8/3/2022 12:30 PM	4.99	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	8/10/2022 11:35 AM	5.23	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	8/25/2022 9:20 AM	5.37	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	8/31/2022 11:40 AM	3.95	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	9/8/2022 10:50 AM	0.74	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
8	9/16/2022 10:25 AM	2.57	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	3/30/2022 10:30 AM	1.64	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	4/11/2022 11:05 AM	2.88	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	4/26/2022 11:05 AM	2.65	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	

800	5/27/2022 10:55 AM	0.93	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	6/28/2022 7:20 AM	0.63	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	7/13/2022 9:50 AM	0.66	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	8/3/2022 10:00 AM	1.18	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	8/10/2022 9:00 AM	0.76	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	8/16/2022 9:40 AM	0.62	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	8/24/2022 8:25 AM	0.55	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	8/31/2022 9:55 AM	0.49	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	9/8/2022 9:10 AM	0.43	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
800	9/16/2022 9:45 AM	0.62	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	3/30/2022 12:20 PM	10.34	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	4/11/2022 12:35 PM	9.97	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	5/3/2022 11:05 AM	10.74	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	5/27/2022 12:25 PM	3.45	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	6/28/2022 9:30 AM	2.95	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	7/13/2022 12:45 PM	2.34	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	8/3/2022 12:45 PM	4.19	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	8/10/2022 11:50 AM	4.01	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	8/25/2022 9:30 AM	4.77	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	8/31/2022 11:55 AM	5.09	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	9/8/2022 11:10 AM	0.77	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
900	9/16/2022 10:35 AM	3.58	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
SW13	6/28/2022 8:35 AM	3.33	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
SW13	8/10/2022 11:00 AM	1.85	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
SW14	6/28/2022 5:07 AM	3.21	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
SW14	8/10/2022 11:15 AM	1.26	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
SW15	6/28/2022 10:30 AM	1.19	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	
SW15	8/10/2022 1:00 PM	0.98	CFS	TWENTYMILE	MEASURED	METER	INSTANTANEOUS	

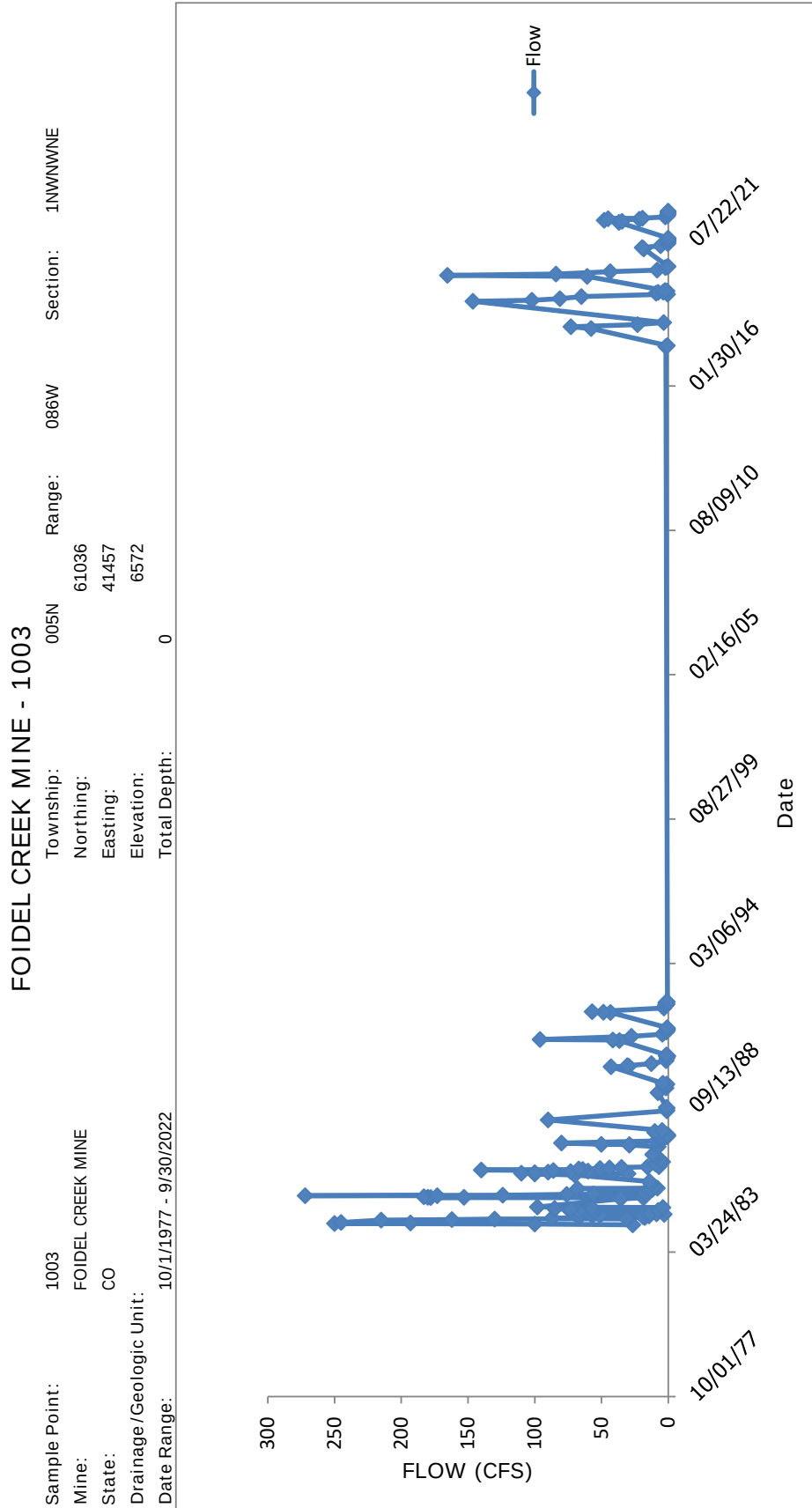
Foidel Creek Mine

2022 Annual Report

Attachment 3

Section 2

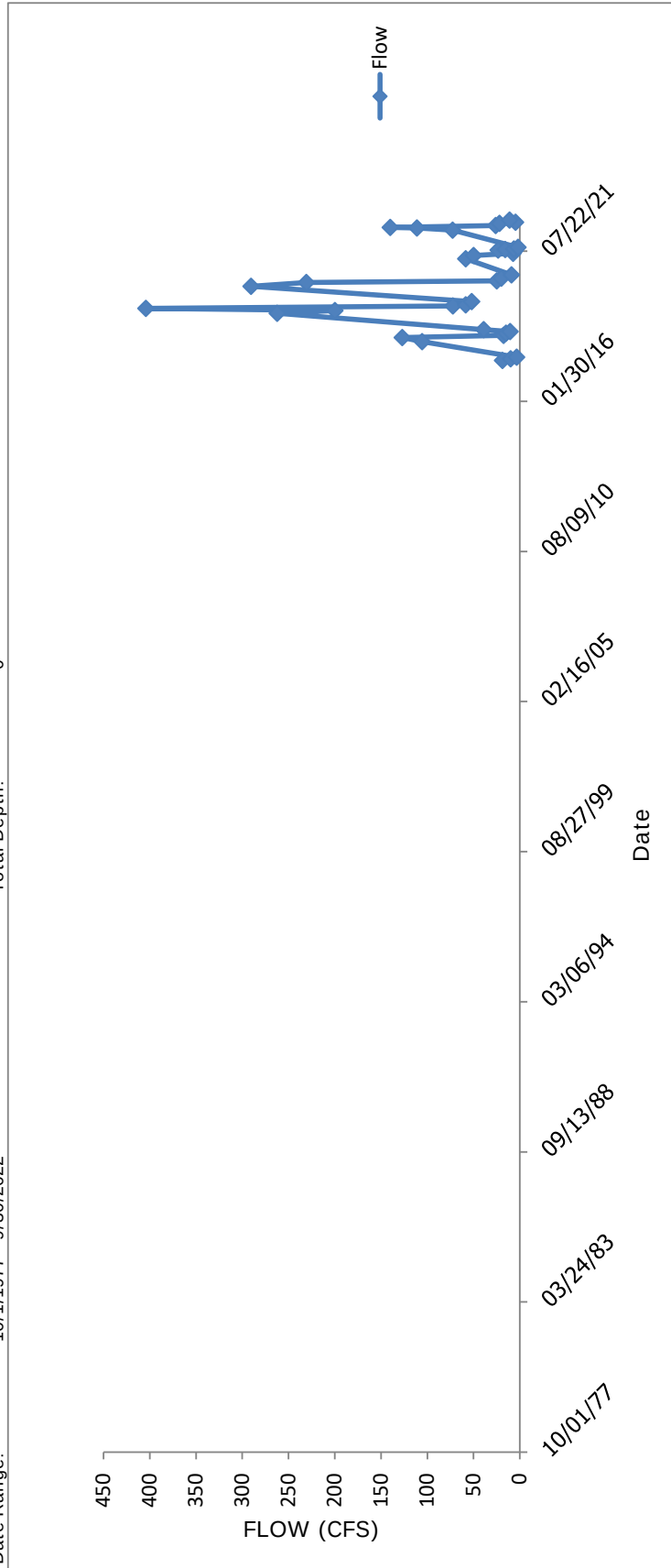
Period of Record Flow by Site



FOIDEL CREEK MINE - 1005

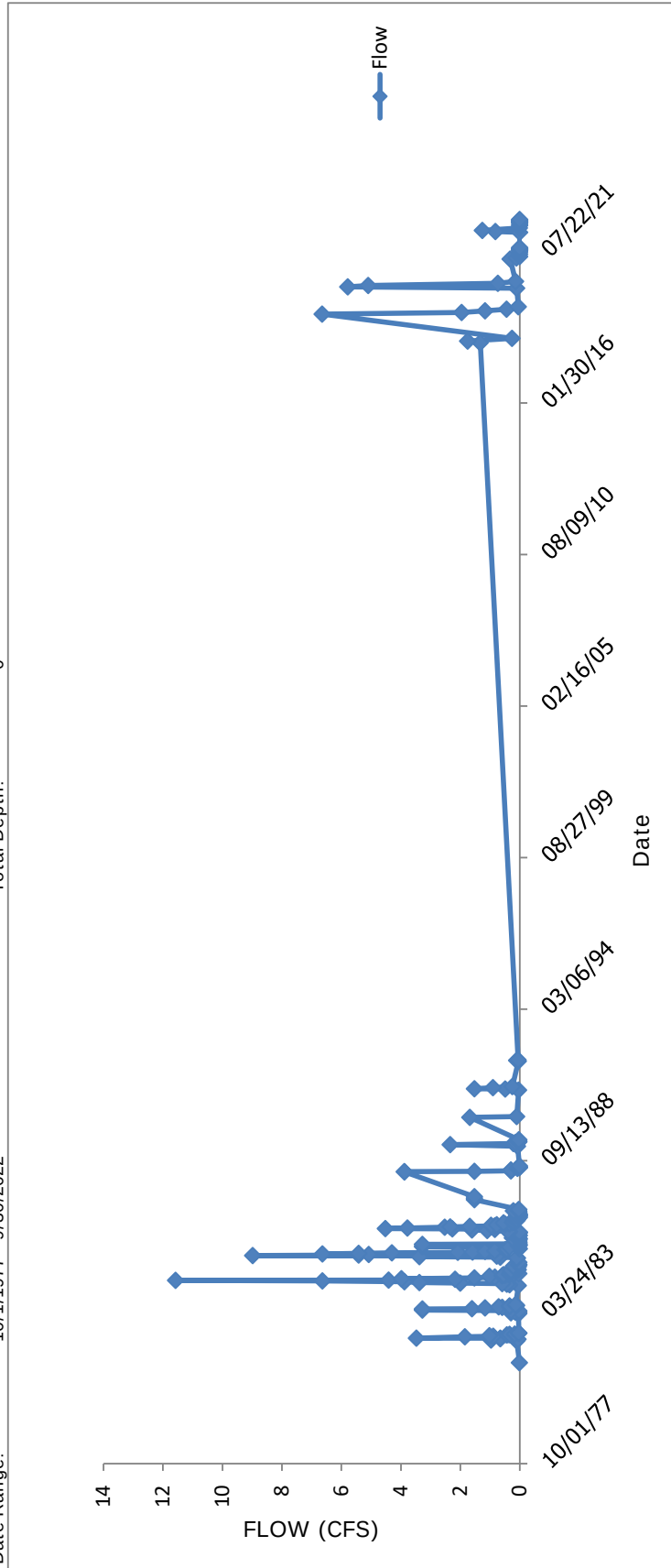
Sample Point: 1005
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 9/30/2022

Township: 006N
 Northing: 62182
 Easting: 41704
 Elevation: 6569
 Total Depth: 0
 Range: 086W
 Section: 36



FOIDEL CREEK MINE - 14

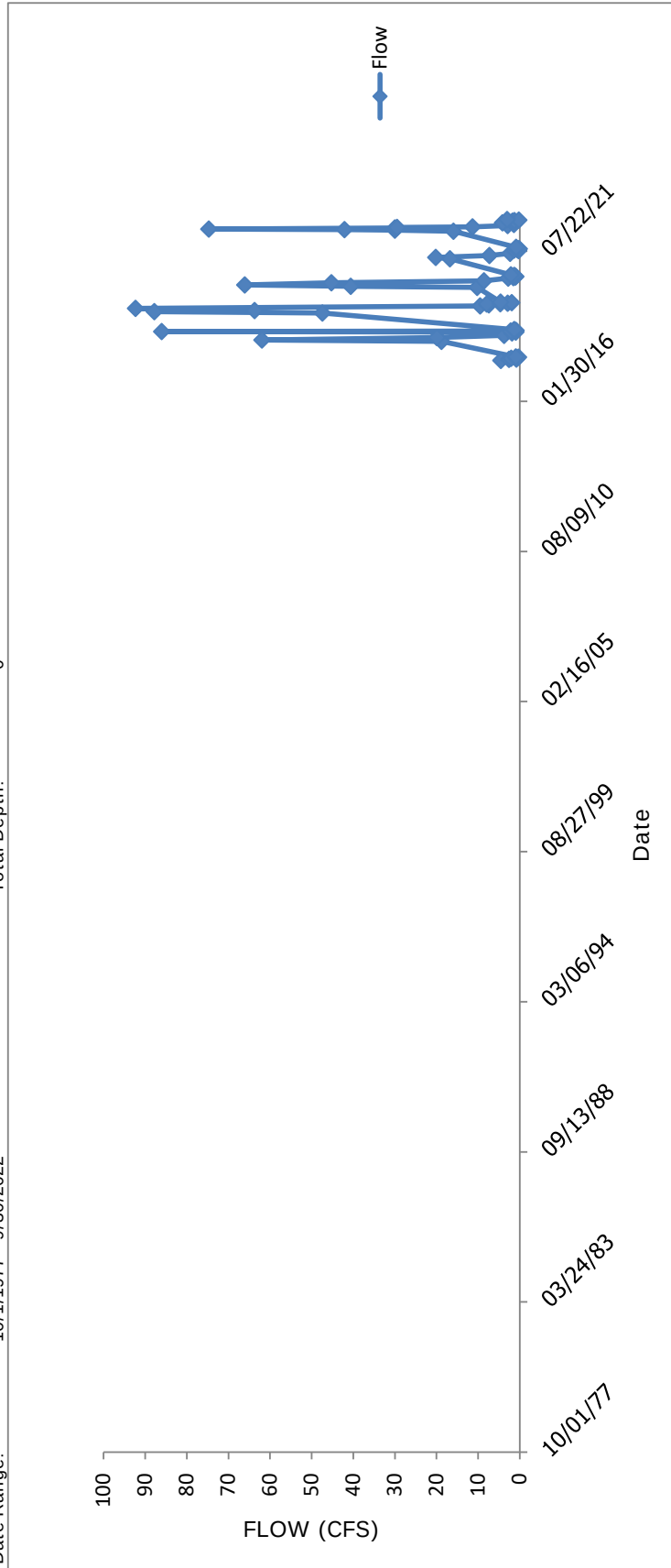
Sample Point:	14	Township:	004N	Range:	086W	Section:	7SWNE
Mine:	FOIDEL CREEK MINE	Northing:	27882				
State:	CO	Easting:	12447				
Drainage/Geologic Unit:		Elevation:	6915				
Date Range:	10/1/1977 - 9/30/2022	Total Depth:	0				

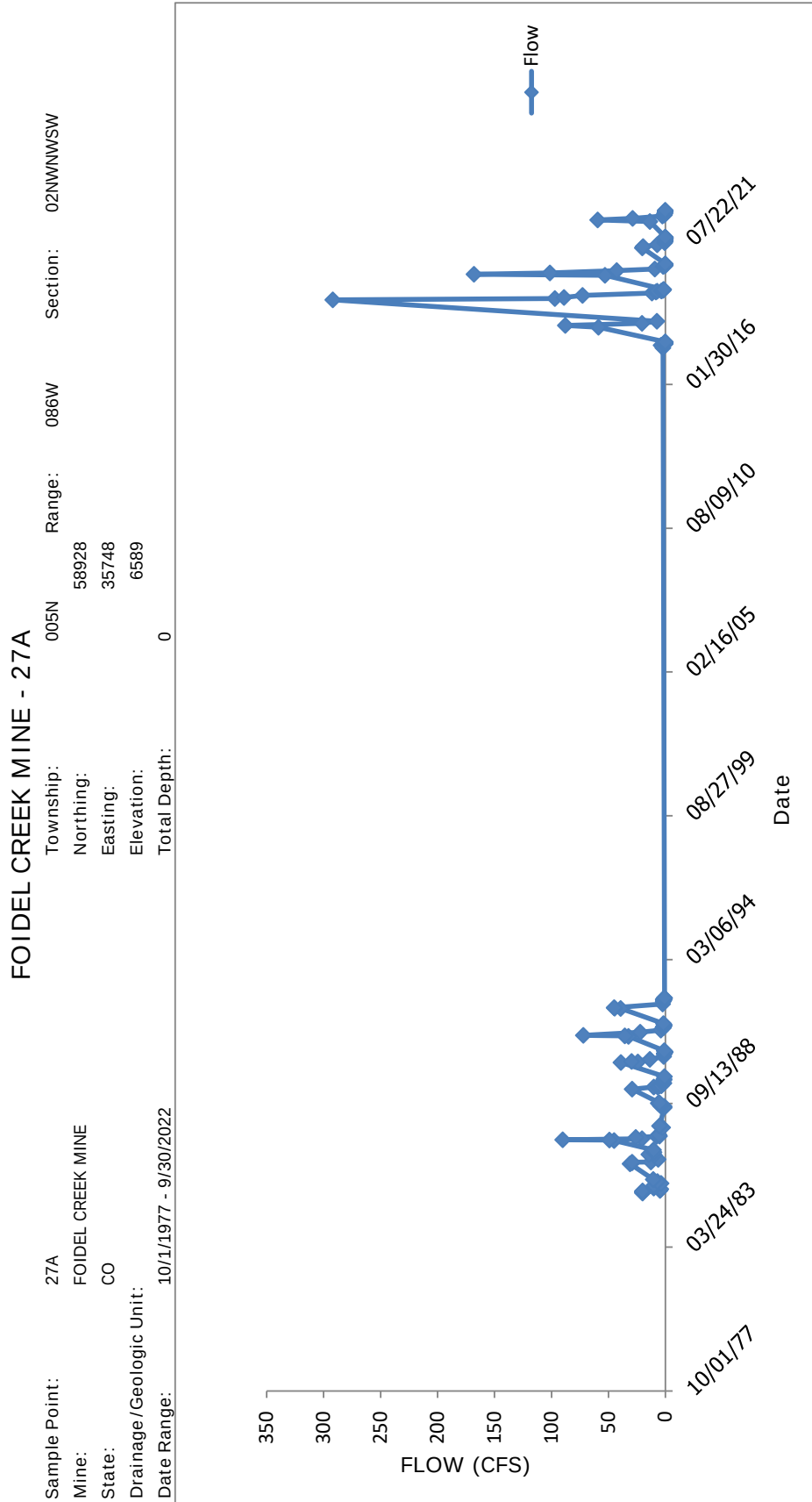


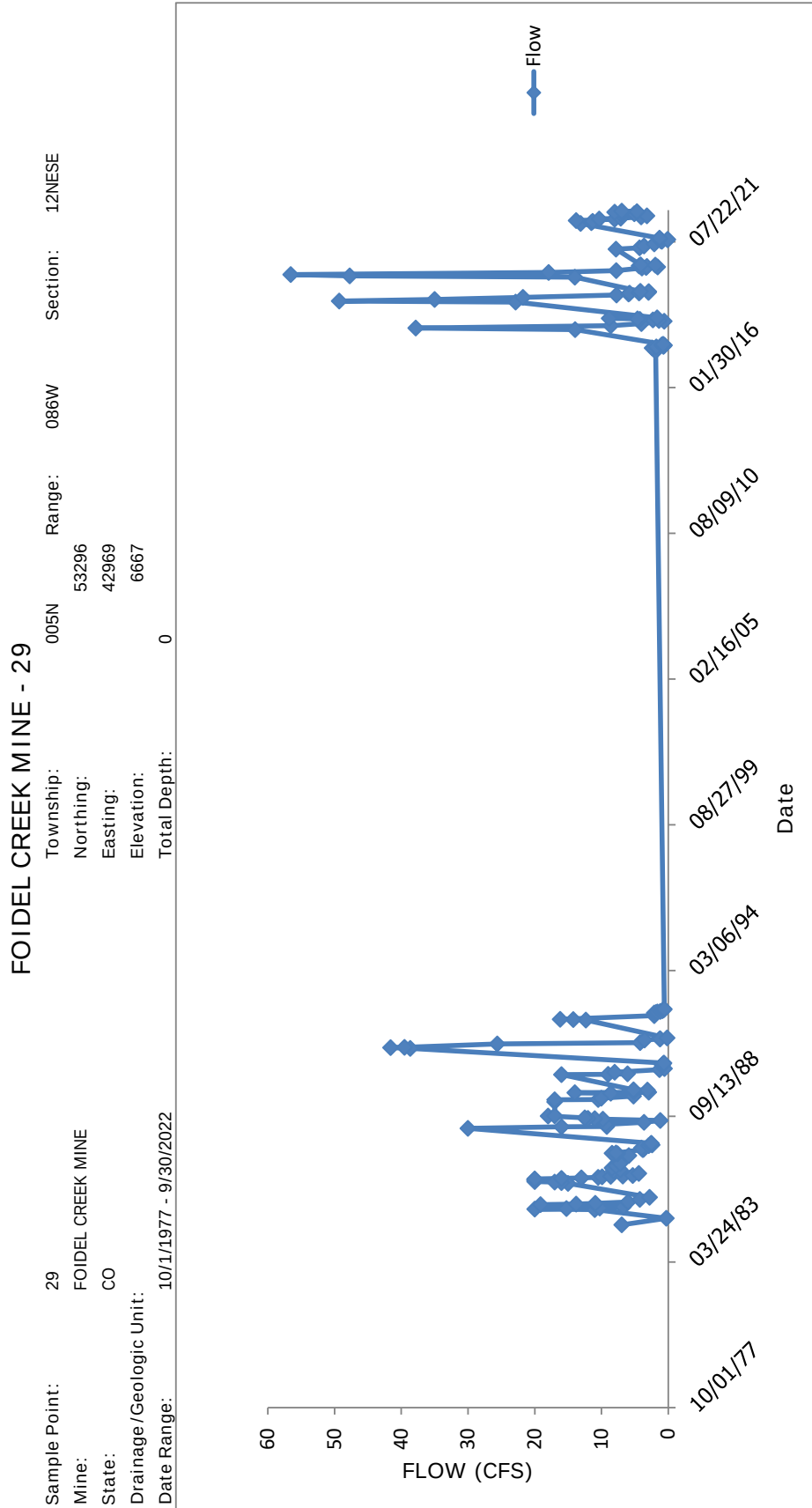
FOIDEL CREEK MINE - 16A

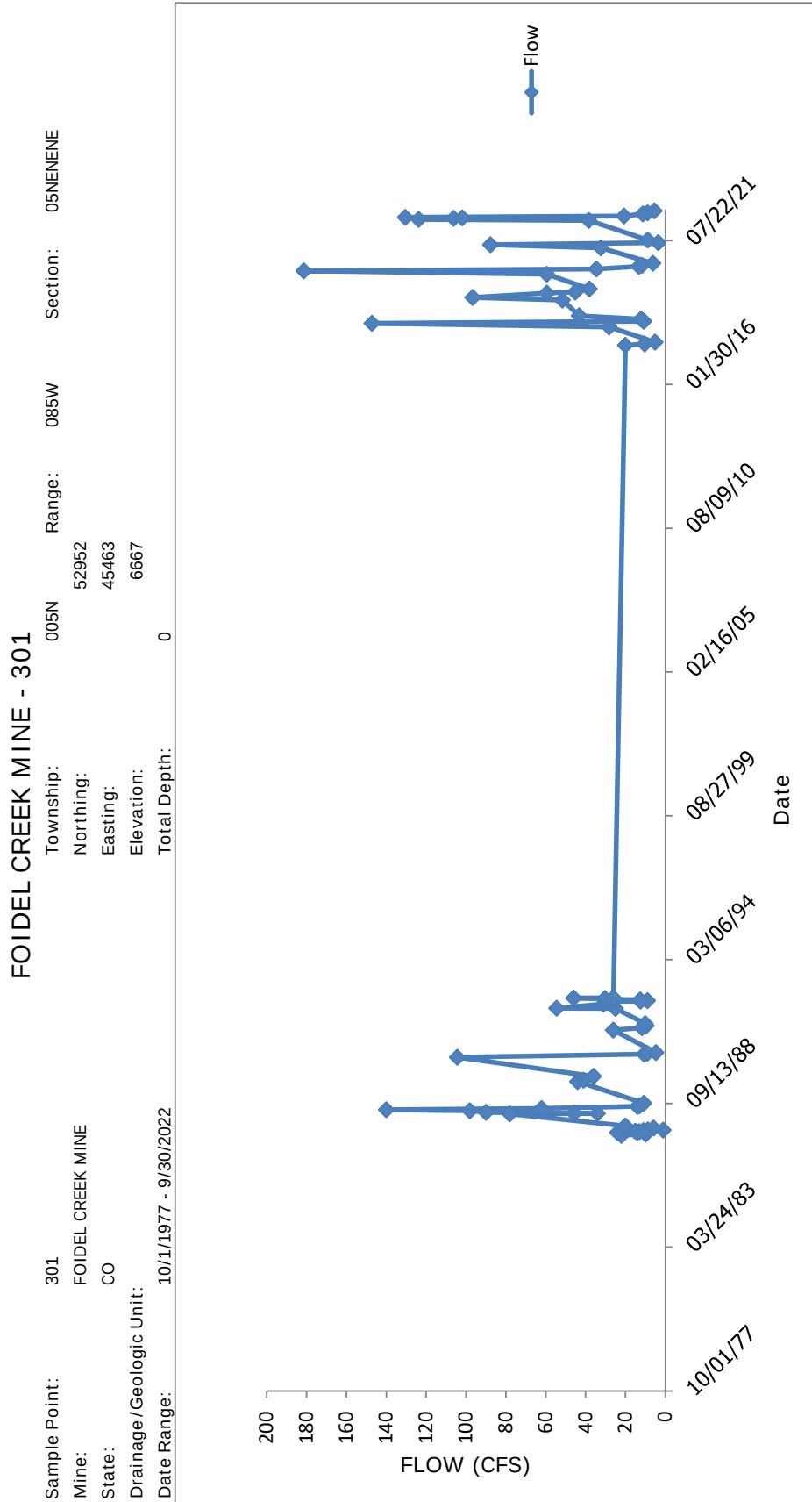
Sample Point: 16A
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 9/30/2022

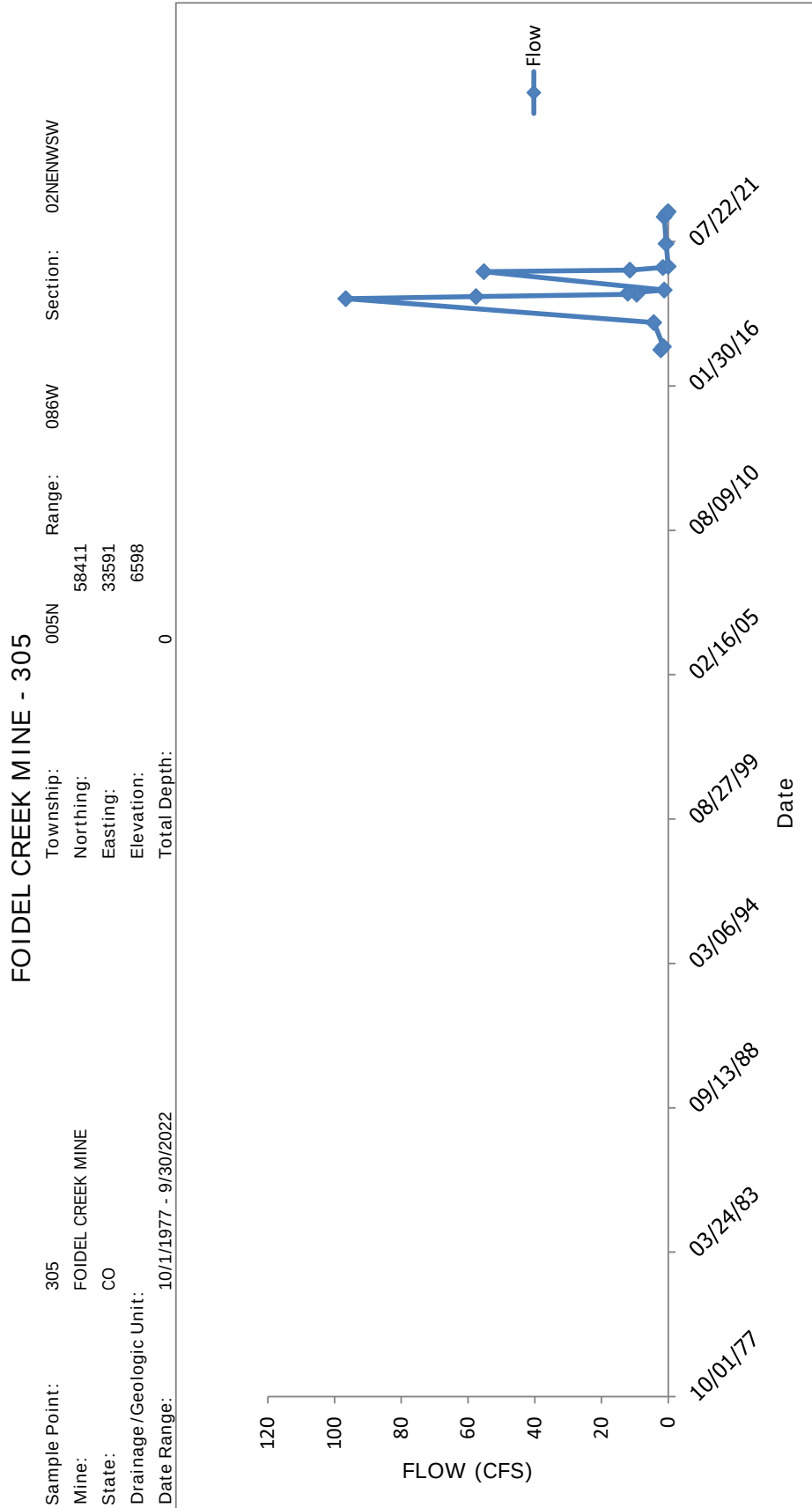
Township: 005N
 Northing: 39083
 Easting: 9211
 Elevation: 6915
 Total Depth: 0
 Range: 087W
 Section: 25

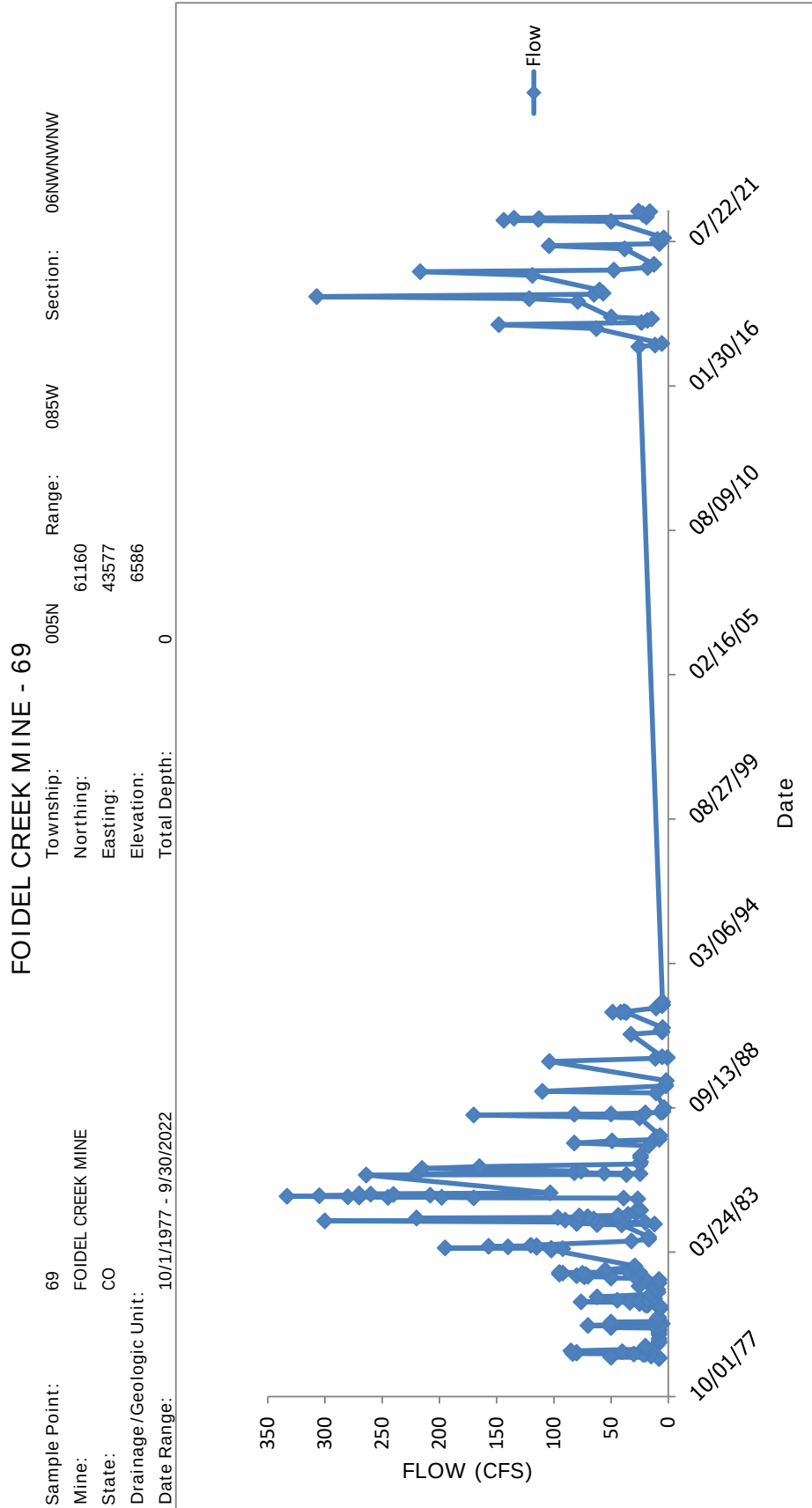


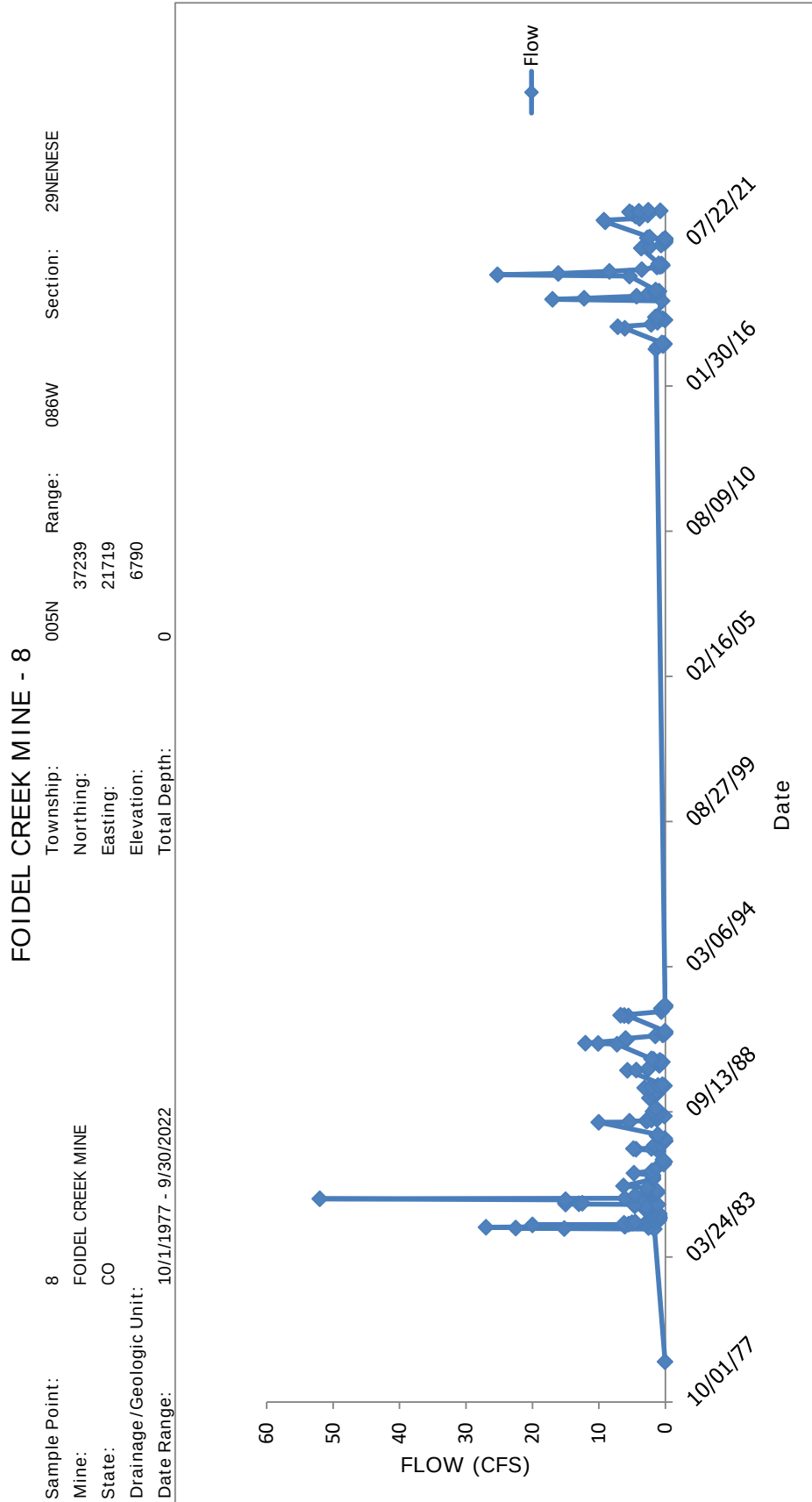


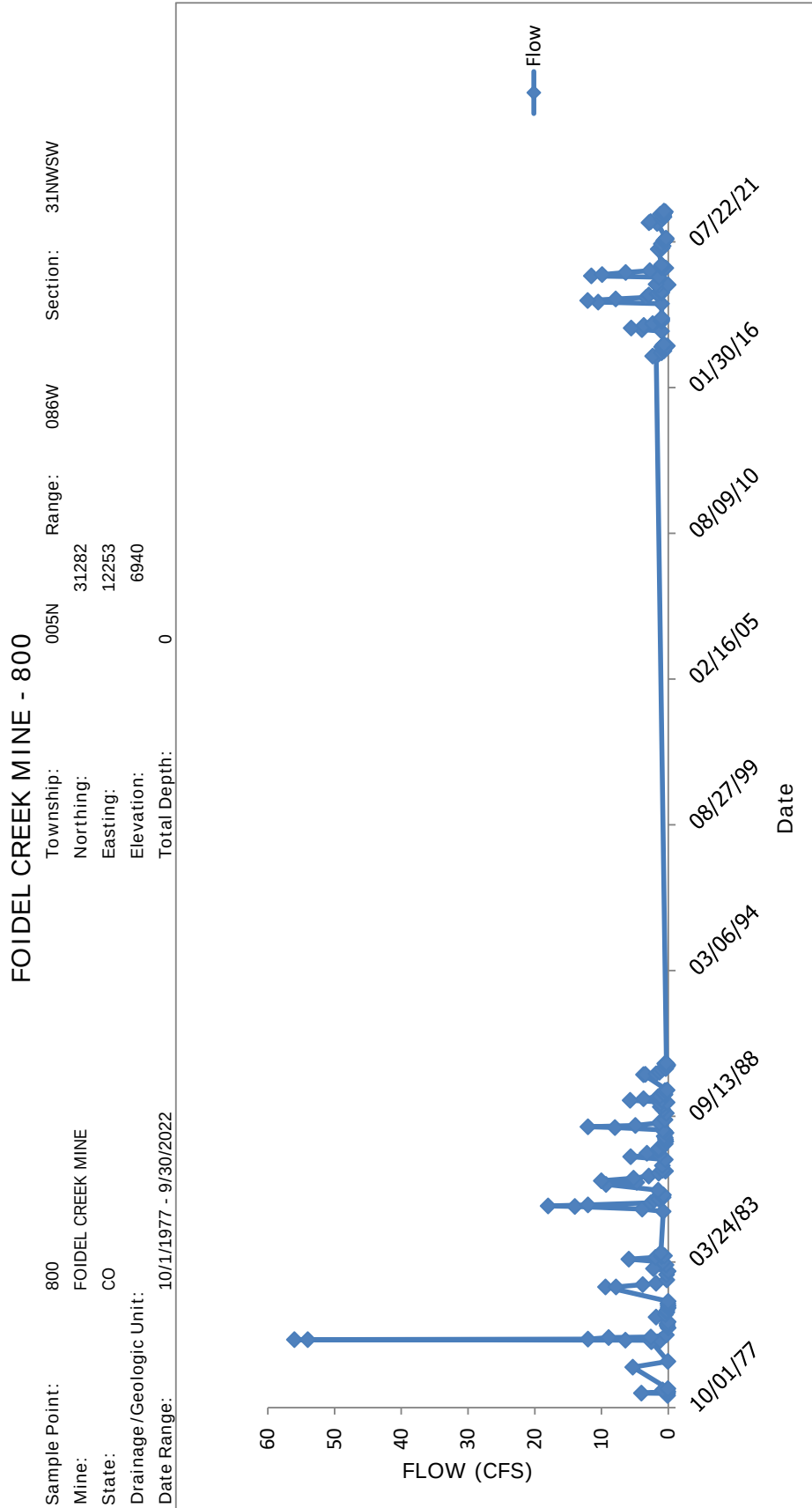






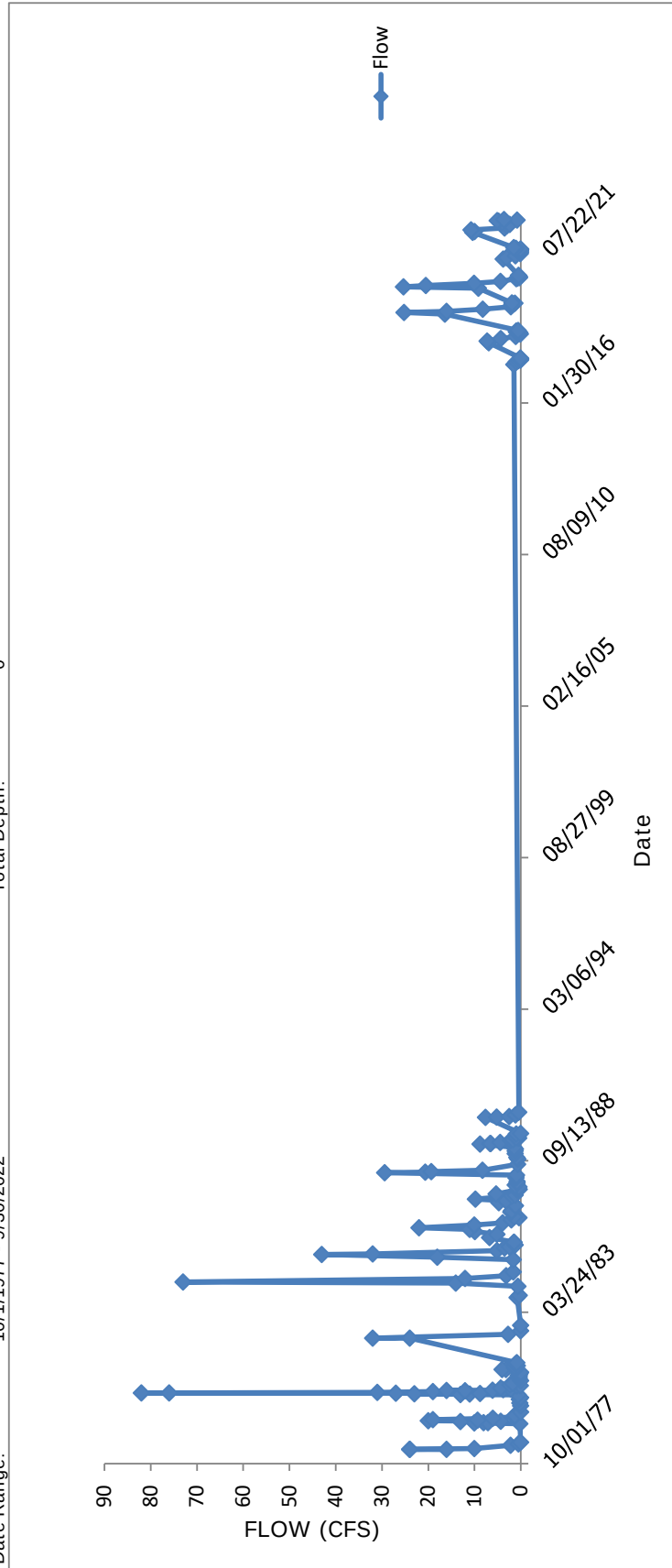






FOIDEL CREEK MINE - 900

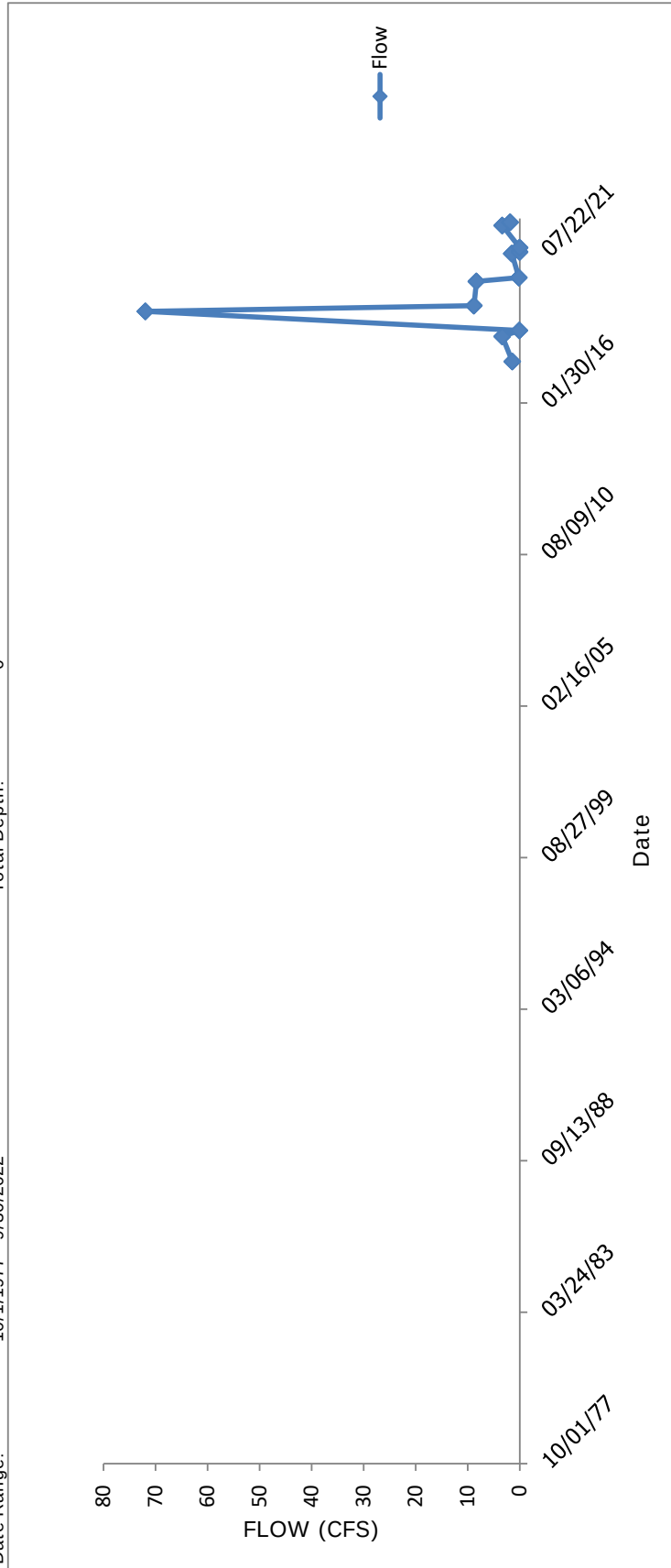
Sample Point: 900
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 9/30/2022
 Township: 005N
 Northing: 47937
 Easting: 38237
 Elevation: 6730
 Total Depth: 0
 Range: 086W
 Section: 14SENE



FOIDEL CREEK MINE - SW13

Sample Point: SW13
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 9/30/2022

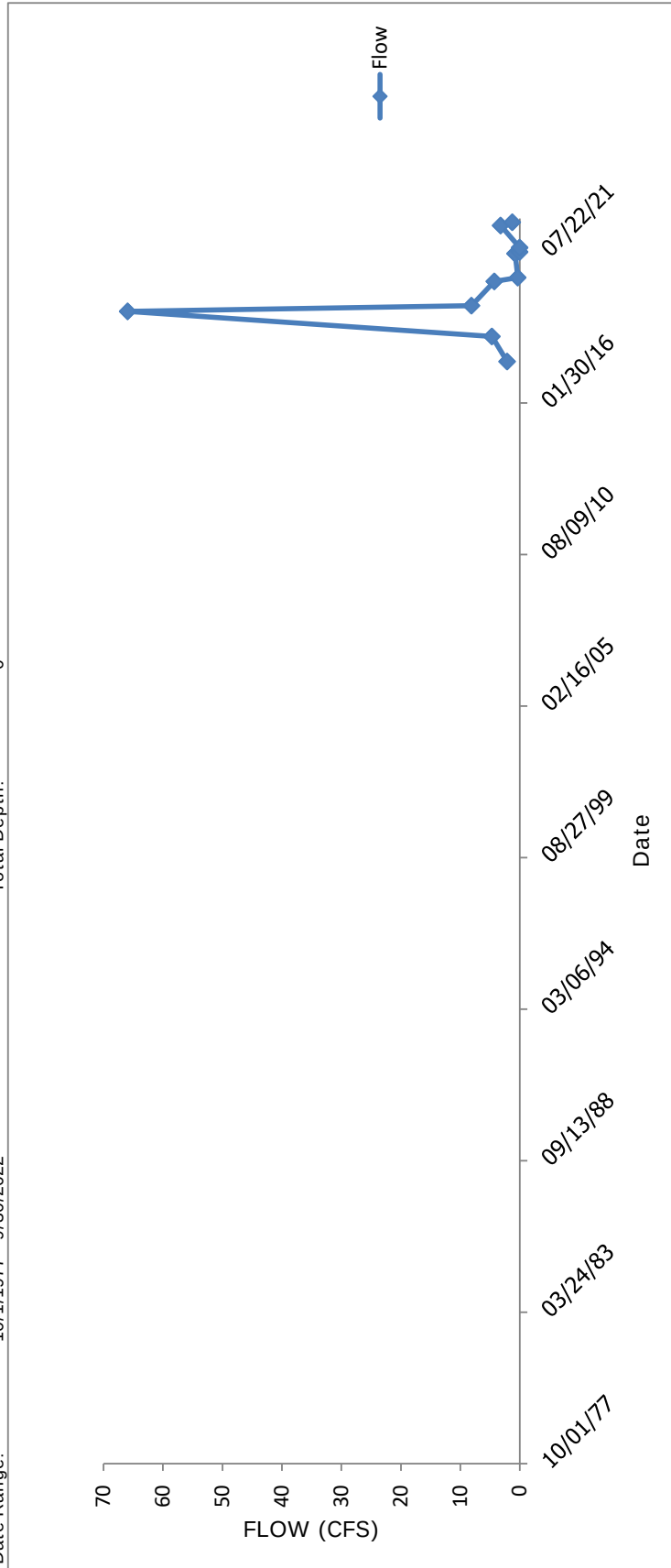
Township: 004N
 Northing: 45378
 Easting: 19633
 Elevation: 6686
 Total Depth: 0
 Range: 086W
 Section: 17



FOIDEL CREEK MINE - SW14

Sample Point: SW14
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 9/30/2022

Township: 005N
 Northing: 47360
 Easting: 30701
 Elevation: 6650
 Total Depth: 0
 Range: 086W
 Section: 15





Foidel Creek Mine

2022 Annual Report

Attachment 3

Section 3

Water Quality for Water Year

ATTACHMENT NO. 3- SURFACE WATER QUALITY

Permit No. _____

Mine: FOIDEL CREEK MINE

Annual Report Period 10/01/2021 to 9/30/2022

SAMPLE STATION	SAMPLE DATE	SAMPLING COMPANY	SAMPLING METHOD	PARAMETER NAME	PARM VALUE	UNITS	LAB BOTTLE ID	ANALYSIS DATE	COMMENTS
1003	4/11/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	163	mg/L	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	153	mg/L	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	10.3	mg/L	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72472-03	4/25/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	186	mg/L	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	0.000106	mg/L	L72472-03	4/19/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Calcium, Dissolved	90.5	mg/L	L72472-03	4/22/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	6.2	mg/L	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Flow	36.9902	cfs		4/11/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	6.11	mg/L	L72472-03	4/25/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	47	mg/L	L72472-03	4/22/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.132	mg/L	L72472-03	4/25/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72472-03	4/14/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L72472-03	4/25/2022	
1003	4/11/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	0.379	mg/L	L72472-03	4/23/2022	
1003	4/11/2022	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		4/11/2022	
1003	4/11/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.056	mg/L	L72472-03	4/12/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00317	mg/L	L72472-03	4/19/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L72472-03	4/21/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Sodium, Dissolved	79.3	mg/L	L72472-03	4/22/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.7	RATIO	L72472-03	4/26/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	134	mg/L	L72472-03	4/13/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	920	UMHOS/CM		4/11/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	952	ums/cm	L72472-03	4/16/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Sulfates	348	mg/L	L72472-03	4/14/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Temperature, Field	9.4	Deg C		4/11/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	688	mg/L	L72472-03	4/13/2022	
1003	4/11/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L72472-03	4/25/2022	
1003	4/22/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		4/22/2022	
1003	4/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	640	UMHOS/CM		4/22/2022	
1003	4/22/2022	TWENTYMILE	GRAB	Temperature, Field	13	Deg C		4/22/2022	
1003	4/27/2022	TWENTYMILE	GRAB	Flow	34.66708	cfs		4/27/2022	
1003	4/27/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		4/27/2022	
1003	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	760	UMHOS/CM		4/27/2022	
1003	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	812	ums/cm	L72786-03	4/29/2022	
1003	4/27/2022	TWENTYMILE	GRAB	Sulfates	268	mg/L	L72786-03	5/4/2022	
1003	4/27/2022	TWENTYMILE	GRAB	Temperature, Field	15.9	Deg C		4/27/2022	
1003	5/5/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		5/5/2022	
1003	5/5/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	550	UMHOS/CM		5/5/2022	
1003	5/11/2022	TWENTYMILE	GRAB	Flow	47.94858	cfs		5/11/2022	
1003	5/11/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		5/11/2022	
1003	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	460	UMHOS/CM		5/11/2022	
1003	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	15.3	Deg C		5/11/2022	
1003	5/17/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/17/2022	
1003	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	350	UMHOS/CM		5/17/2022	
1003	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	22.5	Deg C		5/17/2022	

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1003	5/26/2022	TWENTYMILE	GRAB	Flow	21.69538	cfs		5/26/2022	
1003	5/26/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		5/26/2022	
1003	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	590	UMHOS/CM		5/26/2022	
1003	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	641	ums/cm	L73487-03	6/8/2022	
1003	5/26/2022	TWENTYMILE	GRAB	Sulfates	140	mg/L	L73487-03	6/1/2022	
1003	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	22.7	Deg C		5/26/2022	
1003	6/1/2022	TWENTYMILE	GRAB	Flow	44.93322	cfs		6/1/2022	
1003	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		6/1/2022	
1003	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	620	UMHOS/CM		6/1/2022	
1003	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	17.8	Deg C		6/1/2022	
1003	6/9/2022	TWENTYMILE	GRAB	Flow	19.32	cfs		6/9/2022	
1003	6/9/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		6/9/2022	
1003	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	790	UMHOS/CM		6/9/2022	
1003	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	657	ums/cm	L73816-04	6/22/2022	
1003	6/9/2022	TWENTYMILE	GRAB	Sulfates	151	mg/L	L73816-04	6/16/2022	
1003	6/9/2022	TWENTYMILE	GRAB	Temperature, Field	24.4	Deg C		6/9/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	272	mg/L	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	256	mg/L	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	16.1	mg/L	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	312	mg/L	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-11	7/8/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	78.6	mg/L	L74204-11	7/13/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	9.7	mg/L	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Flow	2.106667	cfs		6/28/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.6	mg/L	L74204-11	7/12/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	47.8	mg/L	L74204-11	7/14/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.083	mg/L	L74204-11	7/12/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-11	7/6/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-11	7/12/2022	
1003	6/28/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L74204-11	7/13/2022	
1003	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/28/2022	
1003	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L74204-11	6/30/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00042	mg/L	L74204-11	7/8/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-11	7/8/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	58.5	mg/L	L74204-11	7/13/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.3	RATIO	L74204-11	7/15/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L74204-11	7/1/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	890	UMHOS/CM		6/28/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	932	ums/cm	L74204-11	7/7/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Sulfates	249	mg/L	L74204-11	7/6/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	24.3	Deg C		6/28/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	636	mg/L	L74204-11	7/5/2022	
1003	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-11	7/12/2022	
1003	7/13/2022	TWENTYMILE	GRAB	Flow	0.435	cfs		7/13/2022	
1003	7/13/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		7/13/2022	
1003	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1380	UMHOS/CM		7/13/2022	
1003	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	28.3	Deg C		7/13/2022	
1005	4/22/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		4/22/2022	
1005	4/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	590	UMHOS/CM		4/22/2022	
1005	4/22/2022	TWENTYMILE	GRAB	Temperature, Field	14.5	Deg C		4/22/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	168	mg/L	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	159	mg/L	L72786-07	4/29/2022	

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1005	4/27/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	8.3	mg/L	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72786-07	5/4/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	194	mg/L	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	0.000059	mg/L	L72786-07	5/6/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Calcium, Dissolved	66.9	mg/L	L72786-07	5/10/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Carbonate as CO3	5	mg/L	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Flow	72.59599	cfs		4/27/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	2.01	mg/L	L72786-07	5/5/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	43	mg/L	L72786-07	5/11/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.093	mg/L	L72786-07	5/6/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72786-07	5/3/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L72786-07	5/5/2022	
1005	4/27/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.021	mg/L	L72786-07	5/6/2022	
1005	4/27/2022	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/27/2022	
1005	4/27/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L72786-07	4/28/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00083	mg/L	L72786-07	5/6/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L72786-07	5/6/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Sodium, Dissolved	52.7	mg/L	L72786-07	5/10/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.3	RATIO	L72786-07	5/12/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	39	mg/L	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	770	UMHOS/CM		4/27/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	868	ums/cm	L72786-07	4/29/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Sulfates	296	mg/L	L72786-07	5/4/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Temperature, Field	14.8	Deg C		4/27/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	606	mg/L	L72786-07	5/2/2022	
1005	4/27/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L72786-07	5/5/2022	
1005	5/3/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/3/2022	
1005	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1030	UMHOS/CM		5/3/2022	
1005	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	13	Deg C		5/3/2022	
1005	5/5/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		5/5/2022	
1005	5/5/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	710	UMHOS/CM		5/5/2022	
1005	5/11/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		5/11/2022	
1005	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	380	UMHOS/CM		5/11/2022	
1005	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	17.5	Deg C		5/11/2022	
1005	5/13/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		5/13/2022	
1005	5/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	300	UMHOS/CM		5/13/2022	
1005	5/13/2022	TWENTYMILE	GRAB	Temperature, Field	11.1	Deg C		5/13/2022	
1005	5/17/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		5/17/2022	
1005	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	230	UMHOS/CM		5/17/2022	
1005	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	12.4	Deg C		5/17/2022	
1005	5/23/2022	TWENTYMILE	GRAB	pH, Field	7.4	S.U.		5/23/2022	
1005	5/23/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	430	UMHOS/CM		5/23/2022	
1005	5/23/2022	TWENTYMILE	GRAB	Temperature, Field	9	Deg C		5/23/2022	
1005	5/26/2022	TWENTYMILE	GRAB	Flow	110.93894	cfs		5/26/2022	
1005	5/26/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		5/26/2022	
1005	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	450	UMHOS/CM		5/26/2022	
1005	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	456	ums/cm	L73487-06	6/8/2022	
1005	5/26/2022	TWENTYMILE	GRAB	Sulfates	116	mg/L	L73487-06	6/1/2022	
1005	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	18.8	Deg C		5/26/2022	
1005	6/1/2022	TWENTYMILE	GRAB	Flow	139.80375	cfs		6/1/2022	
1005	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		6/1/2022	

1005	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	500	UMHOS/CM		6/1/2022	
1005	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	15.7	Deg C		6/1/2022	
1005	6/6/2022	TWENTYMILE	GRAB	pH, Field	6.6	S.U.		6/6/2022	
1005	6/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	300	UMHOS/CM		6/6/2022	
1005	6/6/2022	TWENTYMILE	GRAB	Temperature, Field	18.2	Deg C		6/6/2022	
1005	6/9/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		6/9/2022	
1005	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	280	UMHOS/CM		6/9/2022	
1005	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	330	ums/cm	L73816-06	6/22/2022	
1005	6/9/2022	TWENTYMILE	GRAB	Sulfates	81	mg/L	L73816-06	6/16/2022	
1005	6/9/2022	TWENTYMILE	GRAB	Temperature, Field	19.5	Deg C		6/9/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	215	mg/L	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	203	mg/L	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	11.7	mg/L	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	248	mg/L	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-13	7/8/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Calcium, Dissolved	62.5	mg/L	L74204-13	7/12/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	7	mg/L	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Flow	25.8125	cfs		6/29/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.483	mg/L	L74204-13	7/12/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	36.3	mg/L	L74204-13	7/12/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.045	mg/L	L74204-13	7/12/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-13	7/6/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-13	7/12/2022	
1005	6/29/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L74204-13	7/13/2022	
1005	6/29/2022	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		6/29/2022	
1005	6/29/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.025	mg/L	L74204-13	6/30/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.0002	mg/L	L74204-13	7/8/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-13	7/8/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Sodium, Dissolved	109	mg/L	L74204-13	7/12/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	2.7	RATIO	L74204-13	7/15/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L74204-13	7/1/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1000	UMHOS/CM		6/29/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1030	ums/cm	L74204-13	7/7/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Sulfates	315	mg/L	L74204-13	7/6/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Temperature, Field	18.8	Deg C		6/29/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	698	mg/L	L74204-13	7/5/2022	
1005	6/29/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-13	7/12/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	268	mg/L	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	235	mg/L	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	33.4	mg/L	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74765-04	8/5/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	287	mg/L	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74765-04	8/1/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Calcium, Dissolved	66.3	mg/L	L74765-04	8/9/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	20	mg/L	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Flow	21.68791	cfs		7/26/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.531	mg/L	L74765-04	8/5/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	42	mg/L	L74765-04	8/9/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.036	mg/L	L74765-04	8/5/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74765-04	7/29/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74765-04	8/5/2022	

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1005	7/26/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74765-04	8/6/2022	
1005	7/26/2022	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		7/26/2022	
1005	7/26/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.022	mg/L	L74765-04	7/28/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00023	mg/L	L74765-04	8/1/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74765-04	8/1/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Sodium, Dissolved	163	mg/L	L74765-04	8/9/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	3.9	RATIO	L74765-04	8/15/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L74765-04	8/2/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1190	UMHOS/CM		7/26/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1300	ums/cm	L74765-04	7/30/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Sulfates	412	mg/L	L74765-04	8/6/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Temperature, Field	25.6	Deg C		7/26/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	890	mg/L	L74765-04	8/2/2022	
1005	7/26/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74765-04	8/5/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	271	mg/L	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	240	mg/L	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	31	mg/L	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-13	8/15/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	293	mg/L	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-13	8/19/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Calcium, Dissolved	51.3	mg/L	L75105-13	8/25/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Carbonate as CO3	18.6	mg/L	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Flow	4.3765	cfs		8/11/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.385	mg/L	L75105-13	8/27/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	35.9	mg/L	L75105-13	8/25/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.037	mg/L	L75105-13	8/27/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-13	8/17/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-13	8/27/2022	
1005	8/11/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75105-13	8/20/2022	
1005	8/11/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/11/2022	
1005	8/11/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.022	mg/L	L75105-13	8/11/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00021	mg/L	L75105-13	8/19/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-13	8/19/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Sodium, Dissolved	198	mg/L	L75105-13	8/25/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	5.2	RATIO	L75105-13	9/12/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L75105-13	8/12/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1380	UMHOS/CM		8/11/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1360	ums/cm	L75105-13	8/13/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Sulfates	449	mg/L	L75105-13	8/18/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Temperature, Field	22.2	Deg C		8/11/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	900	mg/L	L75105-13	8/15/2022	
1005	8/11/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-13	8/27/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	177	mg/L	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	176	mg/L	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	< 20	mg/L	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75700-08	9/13/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	215	mg/L	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75700-08	9/14/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Calcium, Dissolved	44.4	mg/L	L75700-08	9/21/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Carbonate as CO3	< 20	mg/L	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Flow	10.862917	cfs		9/8/2022	

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1005	9/8/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.762	mg/L	L75700-08	9/19/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	26.1	mg/L	L75700-08	9/21/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.029	mg/L	L75700-08	9/19/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75700-08	9/14/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75700-08	9/19/2022	
1005	9/8/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75700-08	9/17/2022	
1005	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.4	Deg C	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		9/8/2022	
1005	9/8/2022	TWENTYMILE	GRAB	pH, Lab	7.8	S.U.	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.033	mg/L	L75700-08	9/8/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	< 0.00025	mg/L	L75700-08	9/14/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75700-08	9/14/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Sodium, Dissolved	90.8	mg/L	L75700-08	9/21/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	2.7	RATIO	L75700-08	10/11/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L75700-08	9/14/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	730	UMHOS/CM		9/8/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	800	ums/cm	L75700-08	9/16/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Sulfates	240	mg/L	L75700-08	10/4/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	21	Deg C		9/8/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	518	mg/L	L75700-08	9/14/2022	
1005	9/8/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75700-08	9/19/2022	
14	4/11/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	141	mg/L	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	137	mg/L	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	3.7	mg/L	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72472-01	4/25/2022	
14	4/11/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	167	mg/L	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L72472-01	4/19/2022	
14	4/11/2022	TWENTYMILE	GRAB	Calcium, Dissolved	91.2	mg/L	L72472-01	4/22/2022	
14	4/11/2022	TWENTYMILE	GRAB	Carbonate as CO3	2.2	mg/L	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Flow	0.819692	cfs		4/11/2022	
14	4/11/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.41	mg/L	L72472-01	4/25/2022	
14	4/11/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	51.5	mg/L	L72472-01	4/22/2022	
14	4/11/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.012	mg/L	L72472-01	4/25/2022	
14	4/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72472-01	4/14/2022	
14	4/11/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L72472-01	4/25/2022	
14	4/11/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.115	mg/L	L72472-01	4/23/2022	
14	4/11/2022	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		4/11/2022	
14	4/11/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.052	mg/L	L72472-01	4/12/2022	
14	4/11/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00436	mg/L	L72472-01	4/19/2022	
14	4/11/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L72472-01	4/21/2022	
14	4/11/2022	TWENTYMILE	GRAB	Sodium, Dissolved	45.6	mg/L	L72472-01	4/22/2022	
14	4/11/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.96	RATIO	L72472-01	4/26/2022	
14	4/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	26	mg/L	L72472-01	4/13/2022	
14	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	940	UMHOS/CM		4/11/2022	
14	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	974	ums/cm	L72472-01	4/16/2022	
14	4/11/2022	TWENTYMILE	GRAB	Sulfates	370	mg/L	L72472-01	4/14/2022	
14	4/11/2022	TWENTYMILE	GRAB	Temperature, Field	8.1	Deg C		4/11/2022	
14	4/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	700	mg/L	L72472-01	4/13/2022	
14	4/11/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L72472-01	4/25/2022	
14	4/26/2022	TWENTYMILE	GRAB	Flow	1.255667	cfs		4/26/2022	
14	4/26/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		4/26/2022	
14	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	470	UMHOS/CM		4/26/2022	
14	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	13.7	Deg C		4/26/2022	

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14	5/27/2022	TWENTYMILE	GRAB	Flow	0.0067	cfs		5/27/2022	
14	5/27/2022	TWENTYMILE	GRAB	pH, Field	7	S.U.		5/27/2022	
14	5/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1240	UMHOS/CM		5/27/2022	
14	5/27/2022	TWENTYMILE	GRAB	Temperature, Field	17.8	Deg C		5/27/2022	
16A	3/30/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	147	mg/L	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	144	mg/L	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	3.2	mg/L	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72281-02	4/14/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	176	mg/L	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	0.000139	mg/L	L72281-02	4/7/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Calcium, Dissolved	44.3	mg/L	L72281-02	4/6/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Carbonate as CO3	< 20	mg/L	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	6.54	mg/L	L72281-02	4/6/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	22.1	mg/L	L72281-02	4/6/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.193	mg/L	L72281-02	4/6/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72281-02	4/4/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L72281-02	4/6/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.186	mg/L	L72281-02	4/9/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	pH Temperature	23	Deg C	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		3/30/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.027	mg/L	L72281-02	3/30/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00145	mg/L	L72281-02	4/7/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L72281-02	4/8/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Sodium, Dissolved	17.5	mg/L	L72281-02	4/6/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.54	RATIO	L72281-02	4/19/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	223	mg/L	L72281-02	3/31/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	490	UMHOS/CM		3/30/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	458	ums/cm	L72281-02	4/5/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Sulfates	100	mg/L	L72281-02	4/6/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	6.2	Deg C		3/30/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	296	mg/L	L72281-02	4/4/2022	Ice
16A	3/30/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L72281-02	4/6/2022	Ice
16A	4/11/2022	TWENTYMILE	GRAB	Flow	15.93713	cfs		4/11/2022	
16A	4/11/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		4/11/2022	
16A	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	510	UMHOS/CM		4/11/2022	
16A	4/11/2022	TWENTYMILE	GRAB	Temperature, Field	9.2	Deg C		4/11/2022	
16A	4/22/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		4/22/2022	
16A	4/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	250	UMHOS/CM		4/22/2022	
16A	4/22/2022	TWENTYMILE	GRAB	Temperature, Field	10.4	Deg C		4/22/2022	
16A	4/26/2022	TWENTYMILE	GRAB	Flow	29.975	cfs		4/26/2022	
16A	4/26/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		4/26/2022	
16A	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	330	UMHOS/CM		4/26/2022	
16A	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	12.6	Deg C		4/26/2022	
16A	4/27/2022		GRAB	Specific Conductivity, Lab	425	ums/cm	L72786-05	4/29/2022	
16A	4/27/2022		GRAB	Sulfates	75	mg/L	L72786-05	5/4/2022	
16A	5/3/2022	TWENTYMILE	GRAB	Flow	42.065	cfs		5/3/2022	
16A	5/3/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/3/2022	
16A	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	600	UMHOS/CM		5/3/2022	
16A	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	11	Deg C		5/3/2022	
16A	5/11/2022	TWENTYMILE	GRAB	Flow	74.68277	cfs		5/11/2022	
16A	5/11/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		5/11/2022	
16A	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	240	UMHOS/CM		5/11/2022	
16A	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	11.4	Deg C		5/11/2022	

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16A	5/17/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/17/2022	
16A	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	190	UMHOS/CM		5/17/2022	
16A	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	18.5	Deg C		5/17/2022	
16A	5/26/2022	TWENTYMILE	GRAB	Flow	29.9817	cfs		5/26/2022	
16A	5/26/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/26/2022	
16A	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	400	UMHOS/CM		5/26/2022	
16A	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	386	ums/cm	L73487-01	6/8/2022	
16A	5/26/2022	TWENTYMILE	GRAB	Sulfates	50.3	mg/L	L73487-01	6/1/2022	
16A	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	17.1	Deg C		5/26/2022	
16A	6/1/2022	TWENTYMILE	GRAB	Flow	29.4315	cfs		6/1/2022	
16A	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		6/1/2022	
16A	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	380	UMHOS/CM		6/1/2022	
16A	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	12.7	Deg C		6/1/2022	
16A	6/9/2022	TWENTYMILE	GRAB	Flow	11.31375	cfs		6/9/2022	
16A	6/9/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		6/9/2022	
16A	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	410	UMHOS/CM		6/9/2022	
16A	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	413	ums/cm	L73816-01	6/22/2022	
16A	6/9/2022	TWENTYMILE	GRAB	Sulfates	68	mg/L	L73816-01	6/16/2022	
16A	6/9/2022	TWENTYMILE	GRAB	Temperature, Field	19.6	Deg C		6/9/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	269	mg/L	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	249	mg/L	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	19.4	mg/L	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	304	mg/L	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-02	7/8/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	80.2	mg/L	L74204-02	7/13/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO3	11.7	mg/L	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Flow	2.9025	cfs		6/28/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.451	mg/L	L74204-02	7/12/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	42.7	mg/L	L74204-02	7/14/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.028	mg/L	L74204-02	7/12/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-02	7/6/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-02	7/12/2022	
16A	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-02	7/13/2022	
16A	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		6/28/2022	
16A	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.026	mg/L	L74204-02	6/30/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00042	mg/L	L74204-02	7/8/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-02	7/8/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	26.2	mg/L	L74204-02	7/13/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.59	RATIO	L74204-02	7/15/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L74204-02	7/1/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	770	UMHOS/CM		6/28/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	757	ums/cm	L74204-02	7/7/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Sulfates	156	mg/L	L74204-02	7/6/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	15.4	Deg C		6/28/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	500	mg/L	L74204-02	7/5/2022	
16A	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-02	7/12/2022	
16A	7/13/2022	TWENTYMILE	GRAB	Flow	1.379833	cfs		7/13/2022	
16A	7/13/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		7/13/2022	
16A	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	720	UMHOS/CM		7/13/2022	
16A	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	23.1	Deg C		7/13/2022	
16A	8/3/2022	TWENTYMILE	GRAB	Flow	4.13875	cfs		8/3/2022	
16A	8/3/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		8/3/2022	

16A	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	670	UMHOS/CM		8/3/2022	
16A	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	27.1	Deg C		8/3/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	283	mg/L	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	249	mg/L	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	34.6	mg/L	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-02	8/15/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	303	mg/L	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-02	8/19/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	68.3	mg/L	L75105-02	8/24/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO3	20.7	mg/L	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Flow	1.772167	cfs		8/10/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.118	mg/L	L75105-02	8/25/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	46.9	mg/L	L75105-02	8/24/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	< 0.05	mg/L	L75105-02	8/24/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-02	8/17/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-02	8/24/2022	
16A	8/10/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75105-02	8/20/2022	
16A	8/10/2022	TWENTYMILE	GRAB	pH Temperature	21.3	Deg C	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		8/10/2022	
16A	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.011	mg/L	L75105-02	8/11/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00039	mg/L	L75105-02	8/19/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-02	8/19/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	25.1	mg/L	L75105-02	8/24/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.58	RATIO	L75105-02	9/12/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L75105-02	8/12/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	840	UMHOS/CM		8/10/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	736	ums/cm	L75105-02	8/13/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Sulfates	149	mg/L	L75105-02	8/18/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	25	Deg C		8/10/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	476	mg/L	L75105-02	8/15/2022	
16A	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-02	8/24/2022	
16A	8/24/2022	TWENTYMILE	GRAB	Flow	1.73625	cfs		8/24/2022	
16A	8/24/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/24/2022	
16A	8/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	740	UMHOS/CM		8/24/2022	
16A	8/24/2022	TWENTYMILE	GRAB	Temperature, Field	20.8	Deg C		8/24/2022	
16A	8/31/2022	TWENTYMILE	GRAB	Flow	1.225	cfs		8/31/2022	
16A	8/31/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/31/2022	
16A	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	690	UMHOS/CM		8/31/2022	
16A	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	22.8	Deg C		8/31/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	263	mg/L	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	249	mg/L	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	13.9	mg/L	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75700-02	9/13/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	304	mg/L	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75700-02	9/14/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Calcium, Dissolved	62.8	mg/L	L75700-02	9/21/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Carbonate as CO3	8.4	mg/L	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Flow	0.21	cfs		9/8/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.137	mg/L	L75700-02	9/19/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	52.8	mg/L	L75700-02	9/21/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.014	mg/L	L75700-02	9/19/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75700-02	9/13/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75700-02	9/19/2022	

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16A	9/8/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75700-02	9/17/2022	
16A	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.5	Deg C	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		9/8/2022	
16A	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L75700-02	9/8/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00024	mg/L	L75700-02	9/14/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75700-02	9/14/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Sodium, Dissolved	30.5	mg/L	L75700-02	9/21/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.69	RATIO	L75700-02	10/11/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L75700-02	9/14/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	800	UMHOS/CM		9/8/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	719	ums/cm	L75700-02	9/16/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Sulfates	139	mg/L	L75700-02	10/4/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	18.2	Deg C		9/8/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	448	mg/L	L75700-02	9/14/2022	
16A	9/8/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75700-02	9/19/2022	
16A	9/16/2022	TWENTYMILE	GRAB	Flow	3.045	cfs		9/16/2022	
16A	9/16/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		9/16/2022	
16A	9/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	750	UMHOS/CM		9/16/2022	
16A	9/16/2022	TWENTYMILE	GRAB	Temperature, Field	14.1	Deg C		9/16/2022	
27A	3/30/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	175	mg/L	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	164	mg/L	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	10.8	mg/L	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72281-06	4/14/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	200	mg/L	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L72281-06	4/7/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Calcium, Dissolved	36.9	mg/L	L72281-06	4/6/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Carbonate as CO3	6.5	mg/L	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	2.35	mg/L	L72281-06	4/6/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	19.4	mg/L	L72281-06	4/6/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.077	mg/L	L72281-06	4/6/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72281-06	4/4/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L72281-06	4/6/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.199	mg/L	L72281-06	4/9/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	pH Temperature	23.2	Deg C	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		3/30/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.027	mg/L	L72281-06	3/30/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00086	mg/L	L72281-06	4/7/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L72281-06	4/8/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Sodium, Dissolved	79.3	mg/L	L72281-06	4/6/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	2.7	RATIO	L72281-06	4/19/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	91	mg/L	L72281-06	3/31/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	600	UMHOS/CM		3/30/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	696	ums/cm	L72281-06	4/5/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Sulfates	184	mg/L	L72281-06	4/6/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	5.8	Deg C		3/30/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	436	mg/L	L72281-06	4/4/2022	Ice
27A	3/30/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L72281-06	4/6/2022	Ice
27A	4/14/2022	TWENTYMILE	GRAB	Flow	13.49233	cfs		4/14/2022	
27A	4/14/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		4/14/2022	
27A	4/14/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	960	UMHOS/CM		4/14/2022	
27A	4/14/2022	TWENTYMILE	GRAB	Temperature, Field	6.8	Deg C		4/14/2022	
27A	5/3/2022	TWENTYMILE	GRAB	Flow	59.44108	cfs		5/3/2022	
27A	5/3/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/3/2022	

27A	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1020	UMHOS/CM		5/3/2022	
27A	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	13	Deg C		5/3/2022	
27A	5/26/2022	TWENTYMILE	GRAB	Flow	28.581	cfs		5/26/2022	
27A	5/26/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		5/26/2022	
27A	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	650	UMHOS/CM		5/26/2022	
27A	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	21.3	Deg C		5/26/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	252	mg/L	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	235	mg/L	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	17.2	mg/L	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	287	mg/L	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-10	7/8/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	75.1	mg/L	L74204-10	7/13/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO3	10.3	mg/L	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Flow	2.475	cfs		6/28/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.02	mg/L	L74204-10	7/12/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	45.6	mg/L	L74204-10	7/14/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.11	mg/L	L74204-10	7/12/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-10	7/6/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-10	7/12/2022	
27A	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-10	7/13/2022	
27A	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		6/28/2022	
27A	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L74204-10	6/30/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00044	mg/L	L74204-10	7/8/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-10	7/8/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	55.5	mg/L	L74204-10	7/13/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.3	RATIO	L74204-10	7/15/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	22	mg/L	L74204-10	7/1/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	870	UMHOS/CM		6/28/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	898	ums/cm	L74204-10	7/7/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Sulfates	232	mg/L	L74204-10	7/6/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	24.9	Deg C		6/28/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	600	mg/L	L74204-10	7/5/2022	
27A	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-10	7/12/2022	
27A	7/13/2022	TWENTYMILE	GRAB	Flow	0.641667	cfs		7/13/2022	
27A	7/13/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		7/13/2022	
27A	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1400	UMHOS/CM		7/13/2022	
27A	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	26.8	Deg C		7/13/2022	
27A	8/3/2022	TWENTYMILE	GRAB	Flow	0.309167	cfs		8/3/2022	
27A	8/3/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/3/2022	
27A	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	930	UMHOS/CM		8/3/2022	
27A	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	27.9	Deg C		8/3/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	260	mg/L	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	250	mg/L	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	10.1	mg/L	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-11	8/15/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	305	mg/L	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-11	8/19/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Calcium, Dissolved	59.2	mg/L	L75105-11	8/25/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Carbonate as CO3	6.1	mg/L	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Flow	0.4	cfs		8/11/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-11	8/13/2022	

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27A	8/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.66	mg/L	L75105-11	8/27/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	65.5	mg/L	L75105-11	8/25/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.221	mg/L	L75105-11	8/27/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-11	8/17/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-11	8/27/2022	
27A	8/11/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75105-11	8/20/2022	
27A	8/11/2022	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		8/11/2022	
27A	8/11/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.012	mg/L	L75105-11	8/11/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00053	mg/L	L75105-11	8/19/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-11	8/19/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Sodium, Dissolved	51.2	mg/L	L75105-11	8/25/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.1	RATIO	L75105-11	9/12/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	26	mg/L	L75105-11	8/12/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	990	UMHOS/CM		8/11/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	928	ums/cm	L75105-11	8/13/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Sulfates	263	mg/L	L75105-11	8/18/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Temperature, Field	18.4	Deg C		8/11/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	652	mg/L	L75105-11	8/19/2022	
27A	8/11/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-11	8/27/2022	
27A	8/25/2022	TWENTYMILE	GRAB	Flow	0.1125	cfs		8/25/2022	
27A	8/25/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		8/25/2022	
27A	8/25/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1130	UMHOS/CM		8/25/2022	
27A	8/25/2022	TWENTYMILE	GRAB	Temperature, Field	19.4	Deg C		8/25/2022	
29	3/30/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	401	mg/L	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	369	mg/L	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	31.3	mg/L	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72281-04	4/14/2022	
29	3/30/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	451	mg/L	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	0.000154	mg/L	L72281-04	4/7/2022	
29	3/30/2022	TWENTYMILE	GRAB	Calcium, Dissolved	158	mg/L	L72281-04	4/6/2022	
29	3/30/2022	TWENTYMILE	GRAB	Carbonate as CO3	18.8	mg/L	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Flow	13.10587	cfs		3/30/2022	
29	3/30/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	5.47	mg/L	L72281-04	4/6/2022	
29	3/30/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	121	mg/L	L72281-04	4/6/2022	
29	3/30/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.436	mg/L	L72281-04	4/6/2022	
29	3/30/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72281-04	4/4/2022	
29	3/30/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L72281-04	4/6/2022	
29	3/30/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.636	mg/L	L72281-04	4/9/2022	
29	3/30/2022	TWENTYMILE	GRAB	pH Temperature	23.1	Deg C	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/30/2022	
29	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.061	mg/L	L72281-04	3/30/2022	
29	3/30/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00128	mg/L	L72281-04	4/7/2022	
29	3/30/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L72281-04	4/8/2022	
29	3/30/2022	TWENTYMILE	GRAB	Sodium, Dissolved	341	mg/L	L72281-04	4/6/2022	
29	3/30/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	5	RATIO	L72281-04	4/19/2022	
29	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	186	mg/L	L72281-04	3/31/2022	
29	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2790	UMHOS/CM		3/30/2022	
29	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	2800	ums/cm	L72281-04	4/5/2022	
29	3/30/2022	TWENTYMILE	GRAB	Sulfates	1270	mg/L	L72281-04	4/6/2022	
29	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	6.3	Deg C		3/30/2022	
29	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2310	mg/L	L72281-04	4/4/2022	
29	3/30/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L72281-04	4/6/2022	
29	4/11/2022	TWENTYMILE	GRAB	Flow	11.50453	cfs		4/11/2022	

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29	4/11/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/11/2022	
29	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2560	UMHOS/CM		4/11/2022	
29	4/11/2022	TWENTYMILE	GRAB	Temperature, Field	6.5	Deg C		4/11/2022	
29	4/22/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/22/2022	
29	4/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1260	UMHOS/CM		4/22/2022	
29	4/22/2022	TWENTYMILE	GRAB	Temperature, Field	11.5	Deg C		4/22/2022	
29	4/27/2022	TWENTYMILE	GRAB	Flow	11.316	cfs		4/27/2022	
29	4/27/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/27/2022	
29	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1770	UMHOS/CM		4/27/2022	
29	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	2040	ums/cm	L72786-01	4/29/2022	
29	4/27/2022	TWENTYMILE	GRAB	Sulfates	817	mg/L	L72786-01	5/4/2022	
29	4/27/2022	TWENTYMILE	GRAB	Temperature, Field	15.7	Deg C		4/27/2022	
29	5/5/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/5/2022	
29	5/5/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1700	UMHOS/CM		5/5/2022	
29	5/11/2022	TWENTYMILE	GRAB	Flow	13.778	cfs		5/11/2022	
29	5/11/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		5/11/2022	
29	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1690	UMHOS/CM		5/11/2022	
29	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	15.8	Deg C		5/11/2022	
29	5/17/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/17/2022	
29	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2160	UMHOS/CM		5/17/2022	
29	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	20.7	Deg C		5/17/2022	
29	5/26/2022	TWENTYMILE	GRAB	Flow	8.001667	cfs		5/26/2022	
29	5/26/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		5/26/2022	
29	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2250	UMHOS/CM		5/26/2022	
29	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	2370	ums/cm	L73487-02	6/8/2022	
29	5/26/2022	TWENTYMILE	GRAB	Sulfates	915	mg/L	L73487-02	6/1/2022	
29	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	19.7	Deg C		5/26/2022	
29	6/1/2022	TWENTYMILE	GRAB	Flow	10.34125	cfs		6/1/2022	
29	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		6/1/2022	
29	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2580	UMHOS/CM		6/1/2022	
29	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	16.3	Deg C		6/1/2022	
29	6/9/2022	TWENTYMILE	GRAB	Flow	7.1	cfs		6/9/2022	
29	6/9/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		6/9/2022	
29	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	291	UMHOS/CM		6/9/2022	
29	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3000	ums/cm	L73816-02	6/22/2022	
29	6/9/2022	TWENTYMILE	GRAB	Sulfates	1170	mg/L	L73816-02	6/16/2022	
29	6/9/2022	TWENTYMILE	GRAB	Temperature, Field	20.3	Deg C		6/9/2022	
29	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	392	mg/L	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	358	mg/L	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	34.8	mg/L	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	436	mg/L	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	0.000056	mg/L	L74204-07	7/8/2022	
29	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	81.9	mg/L	L74204-07	7/13/2022	
29	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	20.9	mg/L	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Flow	4.05	cfs		6/28/2022	
29	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.88	mg/L	L74204-07	7/12/2022	
29	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	67.7	mg/L	L74204-07	7/14/2022	
29	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.131	mg/L	L74204-07	7/12/2022	
29	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-07	7/6/2022	
29	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-07	7/12/2022	
29	6/28/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L74204-07	7/13/2022	
29	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L74204-07	7/7/2022	

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29	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/28/2022	
29	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.048	mg/L	L74204-07	6/30/2022	
29	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00028	mg/L	L74204-07	7/8/2022	
29	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-07	7/8/2022	
29	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	410	mg/L	L74204-07	7/13/2022	
29	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	8.2	RATIO	L74204-07	7/15/2022	
29	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	35	mg/L	L74204-07	7/1/2022	
29	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2420	UMHOS/CM		6/28/2022	
29	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	2500	ums/cm	L74204-07	7/7/2022	
29	6/28/2022	TWENTYMILE	GRAB	Sulfates	938	mg/L	L74204-07	7/6/2022	
29	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	17.6	Deg C		6/28/2022	
29	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	1830	mg/L	L74204-07	7/5/2022	
29	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-07	7/12/2022	
29	7/13/2022	TWENTYMILE	GRAB	Flow	3.199583	cfs		7/13/2022	
29	7/13/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		7/13/2022	
29	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2570	UMHOS/CM		7/13/2022	
29	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	23.2	Deg C		7/13/2022	
29	8/3/2022	TWENTYMILE	GRAB	Flow	7.016667	cfs		8/3/2022	
29	8/3/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		8/3/2022	
29	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2410	UMHOS/CM		8/3/2022	
29	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	23.3	Deg C		8/3/2022	
29	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	532	mg/L	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	468	mg/L	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	64.6	mg/L	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-07	8/15/2022	
29	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	571	mg/L	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	0.000127	mg/L	L75105-07	8/19/2022	
29	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	63.9	mg/L	L75105-07	8/25/2022	
29	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO3	38.7	mg/L	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Flow	5.086667	cfs		8/10/2022	
29	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	4.28	mg/L	L75105-07	8/27/2022	
29	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	55.8	mg/L	L75105-07	8/25/2022	
29	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.142	mg/L	L75105-07	8/27/2022	
29	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-07	8/17/2022	
29	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L75105-07	8/27/2022	
29	8/10/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.382	mg/L	L75105-07	8/20/2022	
29	8/10/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/10/2022	
29	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.051	mg/L	L75105-07	8/11/2022	
29	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00038	mg/L	L75105-07	8/19/2022	
29	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L75105-07	8/19/2022	
29	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	584	mg/L	L75105-07	8/25/2022	
29	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	13	RATIO	L75105-07	9/12/2022	
29	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	110	mg/L	L75105-07	8/12/2022	
29	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2990	UMHOS/CM		8/10/2022	
29	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3020	ums/cm	L75105-07	8/13/2022	
29	8/10/2022	TWENTYMILE	GRAB	Sulfates	1120	mg/L	L75105-07	9/7/2022	
29	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	23.8	Deg C		8/10/2022	
29	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2200	mg/L	L75105-07	8/15/2022	
29	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L75105-07	8/27/2022	
29	8/25/2022	TWENTYMILE	GRAB	Flow	6.8775	cfs		8/25/2022	
29	8/25/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		8/25/2022	
29	8/25/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2510	UMHOS/CM		8/25/2022	

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29	8/25/2022	TWENTYMILE	GRAB	Temperature, Field	20.1	Deg C		8/25/2022	
29	8/31/2022	TWENTYMILE	GRAB	Flow	8.0025	cfs		8/31/2022	
29	8/31/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		8/31/2022	
29	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2640	UMHOS/CM		8/31/2022	
29	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	18.8	Deg C		8/31/2022	
29	9/8/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	214	mg/L	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	190	mg/L	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	24.3	mg/L	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75700-05	9/13/2022	
29	9/8/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	232	mg/L	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75700-05	9/14/2022	
29	9/8/2022	TWENTYMILE	GRAB	Calcium, Dissolved	38	mg/L	L75700-05	9/21/2022	
29	9/8/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	14.6	mg/L	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Flow	4.658333	cfs		9/8/2022	
29	9/8/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	2.18	mg/L	L75700-05	9/19/2022	
29	9/8/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	27.5	mg/L	L75700-05	9/21/2022	
29	9/8/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.072	mg/L	L75700-05	9/19/2022	
29	9/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75700-05	9/14/2022	
29	9/8/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75700-05	9/19/2022	
29	9/8/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L75700-05	9/17/2022	
29	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		9/8/2022	
29	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.034	mg/L	L75700-05	9/8/2022	
29	9/8/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00014	mg/L	L75700-05	9/14/2022	
29	9/8/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75700-05	9/14/2022	
29	9/8/2022	TWENTYMILE	GRAB	Sodium, Dissolved	182	mg/L	L75700-05	9/21/2022	
29	9/8/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	5.6	RATIO	L75700-05	10/11/2022	
29	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	32	mg/L	L75700-05	9/14/2022	
29	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1200	UMHOS/CM		9/8/2022	
29	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1180	ums/cm	L75700-05	9/16/2022	
29	9/8/2022	TWENTYMILE	GRAB	Sulfates	393	mg/L	L75700-05	10/4/2022	
29	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	17.3	Deg C		9/8/2022	
29	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	782	mg/L	L75700-05	9/14/2022	
29	9/8/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75700-05	9/19/2022	
29	9/16/2022	TWENTYMILE	GRAB	Flow	6.93375	cfs		9/16/2022	
29	9/16/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		9/16/2022	
29	9/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2230	UMHOS/CM		9/16/2022	
29	9/16/2022	TWENTYMILE	GRAB	Temperature, Field	12.3	Deg C		9/16/2022	
301	3/30/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	111	mg/L	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	105	mg/L	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	6.2	mg/L	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72281-05	4/14/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	128	mg/L	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L72281-05	4/7/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Calcium, Dissolved	45.3	mg/L	L72281-05	4/6/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	3.7	mg/L	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	3.12	mg/L	L72281-05	4/6/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	22.3	mg/L	L72281-05	4/6/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.255	mg/L	L72281-05	4/6/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72281-05	4/4/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L72281-05	4/6/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	0.08	mg/L	L72281-05	4/9/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	pH Temperature	23.1	Deg C	L72281-05	4/5/2022	Ice

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301	3/30/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/30/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.019	mg/L	L72281-05	3/30/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00019	mg/L	L72281-05	4/7/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L72281-05	4/8/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Sodium, Dissolved	8.48	mg/L	L72281-05	4/6/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.26	RATIO	L72281-05	4/19/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	65	mg/L	L72281-05	3/31/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	470	UMHOS/CM		3/30/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	444	ums/cm	L72281-05	4/5/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Sulfates	133	mg/L	L72281-05	4/6/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	5.6	Deg C		3/30/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	294	mg/L	L72281-05	4/4/2022	Ice
301	3/30/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L72281-05	4/6/2022	Ice
301	4/22/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		4/22/2022	
301	4/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	300	UMHOS/CM		4/22/2022	
301	4/22/2022	TWENTYMILE	GRAB	Temperature, Field	13	Deg C		4/22/2022	
301	4/27/2022	TWENTYMILE	GRAB	Flow	38.304	cfs		4/27/2022	
301	4/27/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		4/27/2022	
301	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	490	UMHOS/CM		4/27/2022	
301	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	516	ums/cm	L72786-02	4/29/2022	
301	4/27/2022	TWENTYMILE	GRAB	Sulfates	159	mg/L	L72786-02	5/4/2022	
301	4/27/2022	TWENTYMILE	GRAB	Temperature, Field	15.4	Deg C		4/27/2022	
301	5/5/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		5/5/2022	
301	5/5/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	450	UMHOS/CM		5/5/2022	
301	5/11/2022	TWENTYMILE	GRAB	Flow	123.7217	cfs		5/11/2022	
301	5/11/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		5/11/2022	
301	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	260	UMHOS/CM		5/11/2022	
301	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	14.5	Deg C		5/11/2022	
301	5/17/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		5/17/2022	
301	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	160	UMHOS/CM		5/17/2022	
301	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	18	Deg C		5/17/2022	
301	5/26/2022	TWENTYMILE	GRAB	Flow	106.1737	cfs		5/26/2022	
301	5/26/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		5/26/2022	
301	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	260	UMHOS/CM		5/26/2022	
301	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	254	ums/cm	L73487-04	6/8/2022	
301	5/26/2022	TWENTYMILE	GRAB	Sulfates	54.4	mg/L	L73487-04	6/1/2022	
301	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	15.4	Deg C		5/26/2022	
301	6/1/2022	TWENTYMILE	GRAB	Flow	101.8235	cfs		6/1/2022	
301	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		6/1/2022	
301	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	560	UMHOS/CM		6/1/2022	
301	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	12.4	Deg C		6/1/2022	
301	6/9/2022	TWENTYMILE	GRAB	Flow	130.3575	cfs		6/9/2022	
301	6/9/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		6/9/2022	
301	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	210	UMHOS/CM		6/9/2022	
301	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	189	ums/cm	L73816-03	6/22/2022	
301	6/9/2022	TWENTYMILE	GRAB	Sulfates	54	mg/L	L73816-03	6/16/2022	
301	6/9/2022	TWENTYMILE	GRAB	Temperature, Field	18.1	Deg C		6/9/2022	
301	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	142	mg/L	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	136	mg/L	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	5.5	mg/L	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	166	mg/L	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-08	7/8/2022	

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301	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	49.3	mg/L	L74204-08	7/13/2022	
301	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO3	3.3	mg/L	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Flow	20.63188	cfs		6/28/2022	
301	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.515	mg/L	L74204-08	7/12/2022	
301	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	20.7	mg/L	L74204-08	7/14/2022	
301	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.034	mg/L	L74204-08	7/12/2022	
301	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-08	7/6/2022	
301	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-08	7/12/2022	
301	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-08	7/13/2022	
301	6/28/2022	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/28/2022	
301	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.096	mg/L	L74204-08	6/30/2022	
301	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00013	mg/L	L74204-08	7/8/2022	
301	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-08	7/8/2022	
301	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	7.88	mg/L	L74204-08	7/13/2022	
301	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.24	RATIO	L74204-08	7/15/2022	
301	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L74204-08	7/1/2022	
301	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	420	UMHOS/CM		6/28/2022	
301	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	426	ums/cm	L74204-08	7/7/2022	
301	6/28/2022	TWENTYMILE	GRAB	Sulfates	84	mg/L	L74204-08	7/6/2022	
301	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	19.4	Deg C		6/28/2022	
301	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	280	mg/L	L74204-08	7/5/2022	
301	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-08	7/12/2022	
301	7/26/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	182	mg/L	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	167	mg/L	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	14.9	mg/L	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74765-02	8/5/2022	
301	7/26/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	204	mg/L	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74765-02	8/1/2022	
301	7/26/2022	TWENTYMILE	GRAB	Calcium, Dissolved	59.7	mg/L	L74765-02	8/9/2022	
301	7/26/2022	TWENTYMILE	GRAB	Carbonate as CO3	9	mg/L	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Flow	11.22333	cfs		7/26/2022	
301	7/26/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.419	mg/L	L74765-02	8/5/2022	
301	7/26/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	28.4	mg/L	L74765-02	8/9/2022	
301	7/26/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.032	mg/L	L74765-02	8/5/2022	
301	7/26/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74765-02	7/28/2022	
301	7/26/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74765-02	8/5/2022	
301	7/26/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74765-02	8/6/2022	
301	7/26/2022	TWENTYMILE	GRAB	pH Temperature	23	Deg C	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		7/26/2022	
301	7/26/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.024	mg/L	L74765-02	7/28/2022	
301	7/26/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00013	mg/L	L74765-02	8/1/2022	
301	7/26/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74765-02	8/1/2022	
301	7/26/2022	TWENTYMILE	GRAB	Sodium, Dissolved	8.64	mg/L	L74765-02	8/9/2022	
301	7/26/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.23	RATIO	L74765-02	8/15/2022	
301	7/26/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L74765-02	8/2/2022	
301	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	580	UMHOS/CM		7/26/2022	
301	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	536	ums/cm	L74765-02	7/30/2022	
301	7/26/2022	TWENTYMILE	GRAB	Sulfates	120	mg/L	L74765-02	8/6/2022	
301	7/26/2022	TWENTYMILE	GRAB	Temperature, Field	22.7	Deg C		7/26/2022	
301	7/26/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	352	mg/L	L74765-02	8/2/2022	
301	7/26/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74765-02	8/5/2022	
301	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	156	mg/L	L75105-08	8/13/2022	

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301	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	137	mg/L	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	18.5	mg/L	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-08	8/15/2022	
301	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	168	mg/L	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-08	8/19/2022	
301	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	50.9	mg/L	L75105-08	8/25/2022	
301	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO3	11.1	mg/L	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	Flow	8.85	cfs		8/10/2022	
301	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.325	mg/L	L75105-08	8/27/2022	
301	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	24.4	mg/L	L75105-08	8/25/2022	
301	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.021	mg/L	L75105-08	8/27/2022	
301	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-08	8/17/2022	
301	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-08	8/27/2022	
301	8/10/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75105-08	8/20/2022	
301	8/10/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/10/2022	
301	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.023	mg/L	L75105-08	8/11/2022	
301	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00017	mg/L	L75105-08	8/19/2022	
301	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-08	8/19/2022	
301	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	7.48	mg/L	L75105-08	8/25/2022	
301	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.22	RATIO	L75105-08	9/12/2022	
301	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L75105-08	8/12/2022	
301	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	440	UMHOS/CM		8/10/2022	
301	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	448	ums/cm	L75105-08	8/13/2022	
301	8/10/2022	TWENTYMILE	GRAB	Sulfates	103	mg/L	L75105-08	8/18/2022	
301	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	26.9	Deg C		8/10/2022	
301	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	292	mg/L	L75105-08	8/15/2022	
301	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-08	8/27/2022	
301	9/8/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	131	mg/L	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	131	mg/L	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	< 20	mg/L	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75700-06	9/13/2022	
301	9/8/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	160	mg/L	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75700-06	9/14/2022	
301	9/8/2022	TWENTYMILE	GRAB	Calcium, Dissolved	45.5	mg/L	L75700-06	9/21/2022	
301	9/8/2022	TWENTYMILE	GRAB	Carbonate as CO3	< 20	mg/L	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Flow	5.44333	cfs		9/8/2022	
301	9/8/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.37	mg/L	L75700-06	9/19/2022	
301	9/8/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	22.7	mg/L	L75700-06	9/21/2022	
301	9/8/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.019	mg/L	L75700-06	9/19/2022	
301	9/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75700-06	9/14/2022	
301	9/8/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75700-06	9/19/2022	
301	9/8/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75700-06	9/17/2022	
301	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		9/8/2022	
301	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.023	mg/L	L75700-06	9/8/2022	
301	9/8/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	< 0.00025	mg/L	L75700-06	9/14/2022	
301	9/8/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75700-06	9/14/2022	
301	9/8/2022	TWENTYMILE	GRAB	Sodium, Dissolved	7.05	mg/L	L75700-06	9/21/2022	
301	9/8/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.22	RATIO	L75700-06	10/11/2022	
301	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L75700-06	9/14/2022	
301	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	440	UMHOS/CM		9/8/2022	

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301	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	424	ums/cm	L75700-06	9/16/2022	
301	9/8/2022	TWENTYMILE	GRAB	Sulfates	95	mg/L	L75700-06	10/4/2022	
301	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	19.2	Deg C		9/8/2022	
301	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	266	mg/L	L75700-06	9/14/2022	
301	9/8/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75700-06	9/19/2022	
302	7/26/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	249	mg/L	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	203	mg/L	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	46.4	mg/L	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74765-01	8/5/2022	
302	7/26/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	247	mg/L	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74765-01	8/1/2022	
302	7/26/2022	TWENTYMILE	GRAB	Calcium, Dissolved	59.3	mg/L	L74765-01	8/9/2022	
302	7/26/2022	TWENTYMILE	GRAB	Carbonate as CO3	27.8	mg/L	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Flow	2.675	cfs		7/26/2022	
302	7/26/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.338	mg/L	L74765-01	8/5/2022	
302	7/26/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	47.7	mg/L	L74765-01	8/9/2022	
302	7/26/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.029	mg/L	L74765-01	8/5/2022	
302	7/26/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74765-01	7/28/2022	
302	7/26/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74765-01	8/5/2022	
302	7/26/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74765-01	8/6/2022	
302	7/26/2022	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		7/26/2022	
302	7/26/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L74765-01	7/28/2022	
302	7/26/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00036	mg/L	L74765-01	8/1/2022	
302	7/26/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74765-01	8/1/2022	
302	7/26/2022	TWENTYMILE	GRAB	Sodium, Dissolved	32.7	mg/L	L74765-01	8/9/2022	
302	7/26/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.78	RATIO	L74765-01	8/15/2022	
302	7/26/2022	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L74765-01	8/2/2022	
302	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	800	UMHOS/CM		7/26/2022	
302	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	768	ums/cm	L74765-01	7/29/2022	
302	7/26/2022	TWENTYMILE	GRAB	Sulfates	168	mg/L	L74765-01	8/6/2022	
302	7/26/2022	TWENTYMILE	GRAB	Temperature, Field	23.5	Deg C		7/26/2022	
302	7/26/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	498	mg/L	L74765-01	8/2/2022	
302	7/26/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74765-01	8/5/2022	
305	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	257	mg/L	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	239	mg/L	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	17.4	mg/L	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	292	mg/L	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-14	7/8/2022	
305	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	72.4	mg/L	L74204-14	7/12/2022	
305	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO3	10.5	mg/L	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Flow	1.15875	cfs		6/28/2022	
305	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.991	mg/L	L74204-14	7/12/2022	
305	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	43.4	mg/L	L74204-14	7/12/2022	
305	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.068	mg/L	L74204-14	7/12/2022	
305	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-14	7/6/2022	
305	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-14	7/12/2022	
305	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-14	7/13/2022	
305	6/28/2022	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/28/2022	
305	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L74204-14	6/30/2022	
305	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00044	mg/L	L74204-14	7/8/2022	

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305	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-14	7/8/2022	
305	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	53.3	mg/L	L74204-14	7/12/2022	
305	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.2	RATIO	L74204-14	7/15/2022	
305	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	28	mg/L	L74204-14	7/1/2022	
305	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	780	UMHOS/CM		6/28/2022	
305	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	856	ums/cm	L74204-14	7/7/2022	
305	6/28/2022	TWENTYMILE	GRAB	Sulfates	207	mg/L	L74204-14	7/6/2022	
305	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	26.8	Deg C		6/28/2022	
305	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	570	mg/L	L74204-14	7/5/2022	
305	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-14	7/12/2022	
305	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	264	mg/L	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	211	mg/L	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	53	mg/L	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-10	8/15/2022	
305	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	257	mg/L	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-10	8/19/2022	
305	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	50.3	mg/L	L75105-10	8/25/2022	
305	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	31.8	mg/L	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Flow	0.56	cfs		8/10/2022	
305	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.574	mg/L	L75105-10	8/27/2022	
305	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	57.7	mg/L	L75105-10	8/25/2022	
305	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.044	mg/L	L75105-10	8/27/2022	
305	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-10	8/17/2022	
305	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-10	8/27/2022	
305	8/10/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L75105-10	8/20/2022	
305	8/10/2022	TWENTYMILE	GRAB	pH Temperature	22.5	Deg C	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		8/10/2022	
305	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.014	mg/L	L75105-10	8/11/2022	
305	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00055	mg/L	L75105-10	8/19/2022	
305	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-10	8/19/2022	
305	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	46.6	mg/L	L75105-10	8/25/2022	
305	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.1	RATIO	L75105-10	9/12/2022	
305	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	16	mg/L	L75105-10	8/12/2022	
305	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	790	UMHOS/CM		8/10/2022	
305	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	805	ums/cm	L75105-10	8/13/2022	
305	8/10/2022	TWENTYMILE	GRAB	Sulfates	203	mg/L	L75105-10	8/18/2022	
305	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	30.8	Deg C		8/10/2022	
305	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	556	mg/L	L75105-10	8/15/2022	
305	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-10	8/27/2022	
69	3/30/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	177	mg/L	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	167	mg/L	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	9.8	mg/L	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72281-07	4/18/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	204	mg/L	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	0.00012	mg/L	L72281-07	4/7/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Calcium, Dissolved	73.4	mg/L	L72281-07	4/6/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	5.9	mg/L	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	6.41	mg/L	L72281-07	4/6/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	42.8	mg/L	L72281-07	4/6/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.466	mg/L	L72281-07	4/6/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72281-07	4/4/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L72281-07	4/6/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	0.229	mg/L	L72281-07	4/9/2022	Ice

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69	3/30/2022	TWENTYMILE	GRAB	pH Temperature	23.3	Deg C	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		3/30/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.042	mg/L	L72281-07	3/30/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00044	mg/L	L72281-07	4/7/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L72281-07	4/8/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Sodium, Dissolved	83.7	mg/L	L72281-07	4/6/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.9	RATIO	L72281-07	4/19/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	172	mg/L	L72281-07	3/31/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	960	UMHOS/CM		3/30/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1060	ums/cm	L72281-07	4/5/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Sulfates	385	mg/L	L72281-07	4/6/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	7	Deg C		3/30/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	720	mg/L	L72281-07	4/4/2022	Ice
69	3/30/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L72281-07	4/6/2022	Ice
69	4/22/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/22/2022	
69	4/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	540	UMHOS/CM		4/22/2022	
69	4/22/2022	TWENTYMILE	GRAB	Temperature, Field	12.4	Deg C		4/22/2022	
69	4/27/2022	TWENTYMILE	GRAB	Flow	49.92808	cfs		4/27/2022	
69	4/27/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/27/2022	
69	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	870	UMHOS/CM		4/27/2022	
69	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	896	ums/cm	L72786-04	4/29/2022	
69	4/27/2022	TWENTYMILE	GRAB	Sulfates	315	mg/L	L72786-04	5/4/2022	
69	4/27/2022	TWENTYMILE	GRAB	Temperature, Field	14	Deg C		4/27/2022	
69	5/11/2022	TWENTYMILE	GRAB	Flow	143.706	cfs		5/11/2022	
69	5/11/2022	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		5/11/2022	
69	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	480	UMHOS/CM		5/11/2022	
69	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	13.8	Deg C		5/11/2022	
69	5/17/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/17/2022	
69	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	210	UMHOS/CM		5/17/2022	
69	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	18.8	Deg C		5/17/2022	
69	5/26/2022	TWENTYMILE	GRAB	Flow	113.73096	cfs		5/26/2022	
69	5/26/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/26/2022	
69	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	400	UMHOS/CM		5/26/2022	
69	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	410	ums/cm	L73487-05	6/8/2022	
69	5/26/2022	TWENTYMILE	GRAB	Sulfates	112	mg/L	L73487-05	6/1/2022	
69	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	17.8	Deg C		5/26/2022	
69	6/1/2022	TWENTYMILE	GRAB	Flow	112.67875	cfs		6/1/2022	
69	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		6/1/2022	
69	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	440	UMHOS/CM		6/1/2022	
69	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	14.1	Deg C		6/1/2022	
69	6/9/2022	TWENTYMILE	GRAB	Flow	134.69541	cfs		6/9/2022	
69	6/9/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		6/9/2022	
69	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	280	UMHOS/CM		6/9/2022	
69	6/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	288	ums/cm	L73816-05	6/22/2022	
69	6/9/2022	TWENTYMILE	GRAB	Sulfates	76	mg/L	L73816-05	6/16/2022	
69	6/9/2022	TWENTYMILE	GRAB	Temperature, Field	17.2	Deg C		6/9/2022	
69	6/29/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	217	mg/L	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	202	mg/L	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	14.8	mg/L	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	246	mg/L	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-12	7/8/2022	
69	6/29/2022	TWENTYMILE	GRAB	Calcium, Dissolved	61.6	mg/L	L74204-12	7/12/2022	
69	6/29/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	8.9	mg/L	L74204-12	7/7/2022	

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69	6/29/2022	TWENTYMILE	GRAB	Flow	19.11083	cfs		6/29/2022	
69	6/29/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.546	mg/L	L74204-12	7/12/2022	
69	6/29/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	36.2	mg/L	L74204-12	7/12/2022	
69	6/29/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.04	mg/L	L74204-12	7/12/2022	
69	6/29/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-12	7/6/2022	
69	6/29/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-12	7/12/2022	
69	6/29/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-12	7/13/2022	
69	6/29/2022	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/29/2022	
69	6/29/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.038	mg/L	L74204-12	6/30/2022	
69	6/29/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00018	mg/L	L74204-12	7/8/2022	
69	6/29/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-12	7/8/2022	
69	6/29/2022	TWENTYMILE	GRAB	Sodium, Dissolved	129	mg/L	L74204-12	7/12/2022	
69	6/29/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	3.3	RATIO	L74204-12	7/15/2022	
69	6/29/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L74204-12	7/1/2022	
69	6/29/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1120	UMHOS/CM		6/29/2022	
69	6/29/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1120	ums/cm	L74204-12	7/7/2022	
69	6/29/2022	TWENTYMILE	GRAB	Sulfates	360	mg/L	L74204-12	7/6/2022	
69	6/29/2022	TWENTYMILE	GRAB	Temperature, Field	19.2	Deg C		6/29/2022	
69	6/29/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	768	mg/L	L74204-12	7/5/2022	
69	6/29/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-12	7/12/2022	
69	7/26/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	257	mg/L	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	211	mg/L	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	46	mg/L	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74765-03	8/5/2022	
69	7/26/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	258	mg/L	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74765-03	8/1/2022	
69	7/26/2022	TWENTYMILE	GRAB	Calcium, Dissolved	61.8	mg/L	L74765-03	8/9/2022	
69	7/26/2022	TWENTYMILE	GRAB	Carbonate as CO3	27.6	mg/L	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Flow	21.85083	cfs		7/26/2022	
69	7/26/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.766	mg/L	L74765-03	8/5/2022	
69	7/26/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	37.1	mg/L	L74765-03	8/9/2022	
69	7/26/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.038	mg/L	L74765-03	8/5/2022	
69	7/26/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74765-03	7/28/2022	
69	7/26/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74765-03	8/5/2022	
69	7/26/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74765-03	8/6/2022	
69	7/26/2022	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	pH, Field	8.7	S.U.		7/26/2022	
69	7/26/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.027	mg/L	L74765-03	7/28/2022	
69	7/26/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00025	mg/L	L74765-03	8/1/2022	
69	7/26/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74765-03	8/1/2022	
69	7/26/2022	TWENTYMILE	GRAB	Sodium, Dissolved	172	mg/L	L74765-03	8/9/2022	
69	7/26/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	4.3	RATIO	L74765-03	8/15/2022	
69	7/26/2022	TWENTYMILE	GRAB	Solids, Total Suspended	18	mg/L	L74765-03	8/2/2022	
69	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	122	UMHOS/CM		7/26/2022	
69	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1280	ums/cm	L74765-03	7/30/2022	
69	7/26/2022	TWENTYMILE	GRAB	Sulfates	399	mg/L	L74765-03	8/6/2022	
69	7/26/2022	TWENTYMILE	GRAB	Temperature, Field	25.6	Deg C		7/26/2022	
69	7/26/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	866	mg/L	L74765-03	8/2/2022	
69	7/26/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74765-03	8/5/2022	
69	8/11/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	280	mg/L	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	253	mg/L	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	27.6	mg/L	L75105-12	8/13/2022	

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69	8/11/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-12	8/15/2022	
69	8/11/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	308	mg/L	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-12	8/19/2022	
69	8/11/2022	TWENTYMILE	GRAB	Calcium, Dissolved	55.9	mg/L	L75105-12	8/25/2022	
69	8/11/2022	TWENTYMILE	GRAB	Carbonate as CO3	16.6	mg/L	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	Flow	22.2	cfs		8/11/2022	
69	8/11/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.773	mg/L	L75105-12	8/27/2022	
69	8/11/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	35.5	mg/L	L75105-12	8/25/2022	
69	8/11/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.039	mg/L	L75105-12	8/27/2022	
69	8/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-12	8/17/2022	
69	8/11/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-12	8/27/2022	
69	8/11/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75105-12	8/20/2022	
69	8/11/2022	TWENTYMILE	GRAB	pH Temperature	22.7	Deg C	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/11/2022	
69	8/11/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.032	mg/L	L75105-12	8/11/2022	
69	8/11/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00017	mg/L	L75105-12	8/19/2022	
69	8/11/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-12	8/19/2022	
69	8/11/2022	TWENTYMILE	GRAB	Sodium, Dissolved	204	mg/L	L75105-12	8/25/2022	
69	8/11/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	5.3	RATIO	L75105-12	9/12/2022	
69	8/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	14	mg/L	L75105-12	8/12/2022	
69	8/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1350	UMHOS/CM		8/11/2022	
69	8/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1370	ums/cm	L75105-12	8/13/2022	
69	8/11/2022	TWENTYMILE	GRAB	Sulfates	440	mg/L	L75105-12	8/18/2022	
69	8/11/2022	TWENTYMILE	GRAB	Temperature, Field	19.4	Deg C		8/11/2022	
69	8/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	924	mg/L	L75105-12	8/15/2022	
69	8/11/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-12	8/27/2022	
69	9/8/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	169	mg/L	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	160	mg/L	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	9.3	mg/L	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75700-07	9/13/2022	
69	9/8/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	195	mg/L	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75700-07	9/14/2022	
69	9/8/2022	TWENTYMILE	GRAB	Calcium, Dissolved	42.6	mg/L	L75700-07	9/21/2022	
69	9/8/2022	TWENTYMILE	GRAB	Carbonate as CO3	5.6	mg/L	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Flow	16.07917	cfs		9/8/2022	
69	9/8/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.796	mg/L	L75700-07	9/19/2022	
69	9/8/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	24.6	mg/L	L75700-07	9/21/2022	
69	9/8/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.031	mg/L	L75700-07	9/19/2022	
69	9/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75700-07	9/14/2022	
69	9/8/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75700-07	9/19/2022	
69	9/8/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75700-07	9/17/2022	
69	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.3	Deg C	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		9/8/2022	
69	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.017	mg/L	L75700-07	9/9/2022	
69	9/8/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00012	mg/L	L75700-07	9/14/2022	
69	9/8/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75700-07	9/14/2022	
69	9/8/2022	TWENTYMILE	GRAB	Sodium, Dissolved	80.2	mg/L	L75700-07	9/21/2022	
69	9/8/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	2.5	RATIO	L75700-07	10/11/2022	
69	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L75700-07	9/14/2022	
69	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	730	UMHOS/CM		9/8/2022	
69	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	742	ums/cm	L75700-07	9/16/2022	
69	9/8/2022	TWENTYMILE	GRAB	Sulfates	218	mg/L	L75700-07	10/4/2022	

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69	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	21.4	Deg C		9/8/2022	
69	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	480	mg/L	L75700-07	9/14/2022	
69	9/8/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75700-07	9/19/2022	
69	9/16/2022	TWENTYMILE	GRAB	Flow	25.8875	cfs		9/16/2022	
69	9/16/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		9/16/2022	
69	9/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1000	UMHOS/CM		9/16/2022	
69	9/16/2022	TWENTYMILE	GRAB	Temperature, Field	13.6	Deg C		9/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	523	mg/L	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	477	mg/L	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	46.1	mg/L	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	0.127	mg/L	L72472-02	4/25/2022	
8	4/11/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	581	mg/L	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.0005	mg/L	L72472-02	4/19/2022	
8	4/11/2022	TWENTYMILE	GRAB	Calcium, Dissolved	169	mg/L	L72472-02	4/22/2022	
8	4/11/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	27.6	mg/L	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Flow	9.023667	cfs		4/11/2022	
8	4/11/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.452	mg/L	L72472-02	4/25/2022	
8	4/11/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	127	mg/L	L72472-02	4/22/2022	
8	4/11/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.117	mg/L	L72472-02	4/25/2022	
8	4/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72472-02	4/14/2022	
8	4/11/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L72472-02	4/25/2022	
8	4/11/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	0.647	mg/L	L72472-02	4/23/2022	
8	4/11/2022	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		4/11/2022	
8	4/11/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.021	mg/L	L72472-02	4/12/2022	
8	4/11/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00125	mg/L	L72472-02	4/19/2022	
8	4/11/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L72472-02	4/21/2022	
8	4/11/2022	TWENTYMILE	GRAB	Sodium, Dissolved	513	mg/L	L72472-02	4/22/2022	
8	4/11/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	7.3	RATIO	L72472-02	4/26/2022	
8	4/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	16	mg/L	L72472-02	4/13/2022	
8	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3030	UMHOS/CM		4/11/2022	
8	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3470	ums/cm	L72472-02	4/16/2022	
8	4/11/2022	TWENTYMILE	GRAB	Sulfates	1480	mg/L	L72472-02	4/14/2022	
8	4/11/2022	TWENTYMILE	GRAB	Temperature, Field	9.4	Deg C		4/11/2022	
8	4/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2710	mg/L	L72472-02	4/13/2022	
8	4/11/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L72472-02	4/25/2022	
8	5/3/2022	TWENTYMILE	GRAB	Flow	9.227292	cfs		5/3/2022	
8	5/3/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/3/2022	
8	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3550	UMHOS/CM		5/3/2022	
8	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	12	Deg C		5/3/2022	
8	5/27/2022	TWENTYMILE	GRAB	Flow	3.895125	cfs		5/27/2022	
8	5/27/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		5/27/2022	
8	5/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3600	UMHOS/CM		5/27/2022	
8	5/27/2022	TWENTYMILE	GRAB	Temperature, Field	20.6	Deg C		5/27/2022	
8	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	644	mg/L	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	600	mg/L	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	44.5	mg/L	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	732	mg/L	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.0005	mg/L	L74204-05	7/8/2022	
8	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	115	mg/L	L74204-05	7/13/2022	
8	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	26.7	mg/L	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Flow	4.459583	cfs		6/28/2022	
8	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-05	7/7/2022	

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8	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.636	mg/L	L74204-05	7/12/2022	
8	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	110	mg/L	L74204-05	7/14/2022	
8	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.084	mg/L	L74204-05	7/12/2022	
8	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-05	7/6/2022	
8	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L74204-05	7/12/2022	
8	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-05	7/13/2022	
8	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		6/28/2022	
8	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.035	mg/L	L74204-05	6/30/2022	
8	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00044	mg/L	L74204-05	7/8/2022	
8	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L74204-05	7/8/2022	
8	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	806	mg/L	L74204-05	7/13/2022	
8	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	13	RATIO	L74204-05	7/15/2022	
8	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	20	mg/L	L74204-05	7/1/2022	
8	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4390	UMHOS/CM		6/28/2022	
8	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4400	ums/cm	L74204-05	7/7/2022	
8	6/28/2022	TWENTYMILE	GRAB	Sulfates	1840	mg/L	L74204-05	7/6/2022	
8	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	17.7	Deg C		6/28/2022	
8	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3440	mg/L	L74204-05	7/5/2022	
8	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L74204-05	7/12/2022	
8	7/13/2022	TWENTYMILE	GRAB	Flow	2.6425	cfs		7/13/2022	
8	7/13/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		7/13/2022	
8	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4370	UMHOS/CM		7/13/2022	
8	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	24	Deg C		7/13/2022	
8	8/3/2022	TWENTYMILE	GRAB	Flow	4.990417	cfs		8/3/2022	
8	8/3/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/3/2022	
8	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4370	UMHOS/CM		8/3/2022	
8	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	24.3	Deg C		8/3/2022	
8	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	789	mg/L	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	723	mg/L	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	65.6	mg/L	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-05	8/15/2022	
8	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	883	mg/L	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.0005	mg/L	L75105-05	8/19/2022	
8	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	78.5	mg/L	L75105-05	8/25/2022	
8	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO3	39.4	mg/L	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Flow	5.23	cfs		8/10/2022	
8	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.942	mg/L	L75105-05	8/27/2022	
8	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	70.3	mg/L	L75105-05	8/25/2022	
8	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.07	mg/L	L75105-05	8/27/2022	
8	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-05	8/17/2022	
8	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L75105-05	8/27/2022	
8	8/10/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.996	mg/L	L75105-05	8/20/2022	
8	8/10/2022	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/10/2022	
8	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.055	mg/L	L75105-05	8/11/2022	
8	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00032	mg/L	L75105-05	8/19/2022	
8	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L75105-05	8/19/2022	
8	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	928	mg/L	L75105-05	8/25/2022	
8	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	19	RATIO	L75105-05	9/12/2022	
8	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	27	mg/L	L75105-05	8/12/2022	
8	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4490	UMHOS/CM		8/10/2022	
8	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4570	ums/cm	L75105-05	8/13/2022	
8	8/10/2022	TWENTYMILE	GRAB	Sulfates	1750	mg/L	L75105-05	8/18/2022	

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8	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	26	Deg C		8/10/2022	
8	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3420	mg/L	L75105-05	8/15/2022	
8	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L75105-05	8/27/2022	
8	8/25/2022	TWENTYMILE	GRAB	Flow	5.373333	cfs		8/25/2022	
8	8/25/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/25/2022	
8	8/25/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4380	UMHOS/CM		8/25/2022	
8	8/25/2022	TWENTYMILE	GRAB	Temperature, Field	18.8	Deg C		8/25/2022	
8	8/31/2022	TWENTYMILE	GRAB	Flow	3.952083	cfs		8/31/2022	
8	8/31/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/31/2022	
8	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4310	UMHOS/CM		8/31/2022	
8	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	20.2	Deg C		8/31/2022	
8	9/8/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	698	mg/L	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	620	mg/L	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	78.2	mg/L	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75700-03	9/13/2022	
8	9/8/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	756	mg/L	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75700-03	9/14/2022	
8	9/8/2022	TWENTYMILE	GRAB	Calcium, Dissolved	97.1	mg/L	L75700-03	9/21/2022	
8	9/8/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	46.9	mg/L	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Flow	0.743333	cfs		9/8/2022	
8	9/8/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.633	mg/L	L75700-03	9/19/2022	
8	9/8/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	115	mg/L	L75700-03	9/21/2022	
8	9/8/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.07	mg/L	L75700-03	9/19/2022	
8	9/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75700-03	9/14/2022	
8	9/8/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L75700-03	9/19/2022	
8	9/8/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	0.309	mg/L	L75700-03	9/17/2022	
8	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		9/8/2022	
8	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.05	mg/L	L75700-03	9/8/2022	
8	9/8/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00024	mg/L	L75700-03	9/14/2022	
8	9/8/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75700-03	9/14/2022	
8	9/8/2022	TWENTYMILE	GRAB	Sodium, Dissolved	895	mg/L	L75700-03	9/21/2022	
8	9/8/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	15	RATIO	L75700-03	10/11/2022	
8	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	17	mg/L	L75700-03	9/14/2022	
8	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4440	UMHOS/CM		9/8/2022	
8	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4570	ums/cm	L75700-03	9/16/2022	
8	9/8/2022	TWENTYMILE	GRAB	Sulfates	1850	mg/L	L75700-03	10/4/2022	
8	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	18	Deg C		9/8/2022	
8	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3430	mg/L	L75700-03	9/14/2022	
8	9/8/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L75700-03	9/19/2022	
8	9/16/2022	TWENTYMILE	GRAB	Flow	2.57	cfs		9/16/2022	
8	9/16/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		9/16/2022	
8	9/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4460	UMHOS/CM		9/16/2022	
8	9/16/2022	TWENTYMILE	GRAB	Temperature, Field	13.3	Deg C		9/16/2022	
800	3/30/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	383	mg/L	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	383	mg/L	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	< 20	mg/L	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72281-01	4/14/2022	
800	3/30/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	467	mg/L	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.0005	mg/L	L72281-01	4/7/2022	
800	3/30/2022	TWENTYMILE	GRAB	Calcium, Dissolved	342	mg/L	L72281-01	4/6/2022	
800	3/30/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	< 20	mg/L	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	Flow	1.6437	cfs		3/30/2022	
800	3/30/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72281-01	4/5/2022	

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800	3/30/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.301	mg/L	L72281-01	4/6/2022	
800	3/30/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	277	mg/L	L72281-01	4/6/2022	
800	3/30/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.7	mg/L	L72281-01	4/6/2022	
800	3/30/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72281-01	4/4/2022	
800	3/30/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L72281-01	4/6/2022	
800	3/30/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.119	mg/L	L72281-01	4/9/2022	
800	3/30/2022	TWENTYMILE	GRAB	pH Temperature	23.1	Deg C	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		3/30/2022	
800	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.029	mg/L	L72281-01	3/30/2022	
800	3/30/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00069	mg/L	L72281-01	4/7/2022	
800	3/30/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L72281-01	4/8/2022	
800	3/30/2022	TWENTYMILE	GRAB	Sodium, Dissolved	52.9	mg/L	L72281-01	4/6/2022	
800	3/30/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.52	RATIO	L72281-01	4/19/2022	
800	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72281-01	3/31/2022	
800	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2760	UMHOS/CM		3/30/2022	
800	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	2930	ums/cm	L72281-01	4/5/2022	
800	3/30/2022	TWENTYMILE	GRAB	Sulfates	1730	mg/L	L72281-01	4/6/2022	
800	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	6.8	Deg C		3/30/2022	
800	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2810	mg/L	L72281-01	4/4/2022	
800	3/30/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L72281-01	4/6/2022	
800	4/11/2022	TWENTYMILE	GRAB	Flow	2.876	cfs		4/11/2022	
800	4/11/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		4/11/2022	
800	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1470	UMHOS/CM		4/11/2022	
800	4/11/2022	TWENTYMILE	GRAB	Temperature, Field	5.6	Deg C		4/11/2022	
800	4/26/2022	TWENTYMILE	GRAB	Flow	2.646875	cfs		4/26/2022	
800	4/26/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		4/26/2022	
800	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2080	UMHOS/CM		4/26/2022	
800	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	13.7	Deg C		4/26/2022	
800	5/27/2022	TWENTYMILE	GRAB	Flow	0.92675	cfs		5/27/2022	
800	5/27/2022	TWENTYMILE	GRAB	pH, Field	7.4	S.U.		5/27/2022	
800	5/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2650	UMHOS/CM		5/27/2022	
800	5/27/2022	TWENTYMILE	GRAB	Temperature, Field	25	Deg C		5/27/2022	
800	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	121	mg/L	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	121	mg/L	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	< 20	mg/L	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	147	mg/L	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.0005	mg/L	L74204-01	7/8/2022	
800	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	304	mg/L	L74204-01	7/13/2022	
800	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO3	< 20	mg/L	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Flow	0.6275	cfs		6/28/2022	
800	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.181	mg/L	L74204-01	7/12/2022	
800	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	355	mg/L	L74204-01	7/14/2022	
800	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.15	mg/L	L74204-01	7/12/2022	
800	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-01	7/6/2022	
800	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L74204-01	7/12/2022	
800	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-01	7/13/2022	
800	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		6/28/2022	
800	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.1	S.U.	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L74204-01	6/29/2022	
800	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	< 0.0005	mg/L	L74204-01	7/8/2022	
800	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L74204-01	7/8/2022	
800	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	49.5	mg/L	L74204-01	7/13/2022	
800	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.46	RATIO	L74204-01	7/15/2022	

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800	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L74204-01	7/1/2022	
800	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3270	UMHOS/CM		6/28/2022	
800	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3230	ums/cm	L74204-01	7/7/2022	
800	6/28/2022	TWENTYMILE	GRAB	Sulfates	2050	mg/L	L74204-01	7/6/2022	
800	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	16.3	Deg C		6/28/2022	
800	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3300	mg/L	L74204-01	7/5/2022	
800	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L74204-01	7/12/2022	
800	7/13/2022	TWENTYMILE	GRAB	Flow	0.663	cfs		7/13/2022	
800	7/13/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		7/13/2022	
800	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3320	UMHOS/CM		7/13/2022	
800	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	22.2	Deg C		7/13/2022	
800	8/3/2022	TWENTYMILE	GRAB	Flow	1.17825	cfs		8/3/2022	
800	8/3/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		8/3/2022	
800	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3500	UMHOS/CM		8/3/2022	
800	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	22.4	Deg C		8/3/2022	
800	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	124	mg/L	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	124	mg/L	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	< 20	mg/L	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-01	8/15/2022	
800	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	151	mg/L	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.0005	mg/L	L75105-01	8/19/2022	
800	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	320	mg/L	L75105-01	8/24/2022	
800	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	< 20	mg/L	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Flow	0.758417	cfs		8/10/2022	
800	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.125	mg/L	L75105-01	8/25/2022	
800	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	392	mg/L	L75105-01	8/24/2022	
800	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.301	mg/L	L75105-01	8/24/2022	
800	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-01	8/17/2022	
800	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L75105-01	8/24/2022	
800	8/10/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L75105-01	8/20/2022	
800	8/10/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		8/10/2022	
800	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8	S.U.	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.014	mg/L	L75105-01	8/11/2022	
800	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00023	mg/L	L75105-01	8/19/2022	
800	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L75105-01	8/19/2022	
800	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	47.3	mg/L	L75105-01	8/24/2022	
800	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.42	RATIO	L75105-01	9/12/2022	
800	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	11	mg/L	L75105-01	8/12/2022	
800	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3550	UMHOS/CM		8/10/2022	
800	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3340	ums/cm	L75105-01	8/13/2022	
800	8/10/2022	TWENTYMILE	GRAB	Sulfates	2420	mg/L	L75105-01	9/7/2022	
800	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	21.1	Deg C		8/10/2022	
800	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3510	mg/L	L75105-01	8/15/2022	
800	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L75105-01	8/24/2022	
800	8/16/2022	TWENTYMILE	GRAB	Flow	0.6151	cfs		8/16/2022	
800	8/16/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		8/16/2022	
800	8/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3570	UMHOS/CM		8/16/2022	
800	8/16/2022	TWENTYMILE	GRAB	Temperature, Field	20.9	Deg C		8/16/2022	
800	8/24/2022	TWENTYMILE	GRAB	Flow	0.5521	cfs		8/24/2022	
800	8/24/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		8/24/2022	
800	8/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3540	UMHOS/CM		8/24/2022	
800	8/24/2022	TWENTYMILE	GRAB	Temperature, Field	17.1	Deg C		8/24/2022	
800	8/31/2022	TWENTYMILE	GRAB	Flow	0.4916	cfs		8/31/2022	
800	8/31/2022	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		8/31/2022	

800	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3630	UMHOS/CM		8/31/2022	
800	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	17.8	Deg C		8/31/2022	
800	9/8/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	161	mg/L	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	161	mg/L	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	< 20	mg/L	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75700-01	9/13/2022	
800	9/8/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	196	mg/L	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75700-01	9/14/2022	
800	9/8/2022	TWENTYMILE	GRAB	Calcium, Dissolved	366	mg/L	L75700-01	9/21/2022	
800	9/8/2022	TWENTYMILE	GRAB	Carbonate as CO3	< 20	mg/L	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Flow	0.4337	cfs		9/8/2022	
800	9/8/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.766	mg/L	L75700-01	9/19/2022	
800	9/8/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	448	mg/L	L75700-01	9/21/2022	
800	9/8/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.672	mg/L	L75700-01	9/19/2022	
800	9/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75700-01	9/13/2022	
800	9/8/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L75700-01	9/19/2022	
800	9/8/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75700-01	9/17/2022	
800	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		9/8/2022	
800	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8	S.U.	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.02	mg/L	L75700-01	9/8/2022	
800	9/8/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00014	mg/L	L75700-01	9/14/2022	
800	9/8/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75700-01	9/14/2022	
800	9/8/2022	TWENTYMILE	GRAB	Sodium, Dissolved	50.5	mg/L	L75700-01	9/21/2022	
800	9/8/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.42	RATIO	L75700-01	10/11/2022	
800	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	31	mg/L	L75700-01	9/14/2022	
800	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3880	UMHOS/CM		9/8/2022	
800	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3640	ums/cm	L75700-01	9/16/2022	
800	9/8/2022	TWENTYMILE	GRAB	Sulfates	2550	mg/L	L75700-01	10/4/2022	
800	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	19.3	Deg C		9/8/2022	
800	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3730	mg/L	L75700-01	9/14/2022	
800	9/8/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L75700-01	9/19/2022	
800	9/16/2022	TWENTYMILE	GRAB	Flow	0.6151	cfs		9/16/2022	
800	9/16/2022	TWENTYMILE	GRAB	pH, Field	7	S.U.		9/16/2022	
800	9/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3470	UMHOS/CM		9/16/2022	
800	9/16/2022	TWENTYMILE	GRAB	Temperature, Field	19.1	Deg C		9/16/2022	
87	4/20/2022	TWENTYMILE	GRAB	Flow	0.0098	MILLION GALLONS PER DAY		4/20/2022	
87	4/20/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		4/20/2022	
87	4/20/2022		GRAB	Solids, Settleable	< 0.5	mL/L	L72619-05	4/20/2022	
87	4/20/2022		GRAB	Solids, Total Suspended	< 20	mg/L	L72619-05	4/26/2022	
87	4/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1550	UMHOS/CM		4/20/2022	
87	4/20/2022	TWENTYMILE	GRAB	Temperature, Field	14.6	Deg C		4/20/2022	
87	4/20/2022		GRAB	Iron, Total Recoverable	< 0.15	mg/L	L72619-06	4/29/2022	
87	4/20/2022		GRAB	pH Temperature	21.2	Deg C	L72619-06	4/22/2022	
87	4/20/2022		GRAB	pH, Lab	8.4	S.U.	L72619-06	4/22/2022	
87	4/26/2022	TWENTYMILE	GRAB	Flow	0.0003	MILLION GALLONS PER DAY		4/26/2022	
87	4/26/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/26/2022	
87	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1580	UMHOS/CM		4/26/2022	
87	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	15.5	Deg C		4/26/2022	
87	4/27/2022		GRAB	Arsenic, Total	0.00079	mg/L	L72785-09	5/5/2022	
87	4/27/2022		GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L72785-09	5/9/2022	
87	4/27/2022		GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L72785-09	4/27/2022	

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87	4/27/2022		GRAB	Copper, Potentially Dissolvable	< 0.05	mg/L	L72785-07	5/3/2022	
87	4/27/2022		GRAB	Iron, Total	< 0.15	mg/L	L72785-07	5/10/2022	
87	4/27/2022		GRAB	Iron, Total Recoverable	< 0.15	mg/L	L72785-08	5/9/2022	
87	4/27/2022		GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L72785-09	5/9/2022	
87	4/27/2022		GRAB	Mercury, Total	< 0.001	mg/L	L72785-07	5/3/2022	
87	4/27/2022		GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L72785-09	5/3/2022	
87	4/27/2022		GRAB	pH Temperature	22.1	Deg C	L72785-08	4/28/2022	
87	4/27/2022		GRAB	pH, Lab	8.4	S.U.	L72785-08	4/28/2022	
87	4/27/2022		GRAB	Selenium, Potentially Dissolvable	0.00641	mg/L	L72785-09	5/9/2022	
87	4/27/2022		GRAB	Solids, Settleable	< 0.5	mL/L	L72785-06	4/27/2022	
87	4/27/2022		GRAB	Solids, Total Suspended	< 20	mg/L	L72785-06	4/29/2022	
87	4/27/2022		GRAB	Specific Conductivity, Lab	1720	ums/cm	L72785-07	4/28/2022	
87	4/27/2022		GRAB	Total Dissolved Solids, Lab	1340	mg/L	L72785-07	5/2/2022	
87	4/27/2022		GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L72785-09	5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	Flow	0.0003	MILLION GALLONS PER DAY		5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		5/3/2022	
87	5/3/2022		GRAB	Solids, Settleable	< 0.49	mL/L	L72901-05	5/3/2022	
87	5/3/2022		GRAB	Solids, Total Suspended	< 20	mg/L	L72901-05	5/10/2022	
87	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1820	UMHOS/CM		5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	12.9	Deg C		5/3/2022	
87	5/3/2022		GRAB	Iron, Total Recoverable	0.142	mg/L	L72901-06	5/13/2022	
87	5/3/2022		GRAB	pH Temperature	22.6	Deg C	L72901-06	5/4/2022	
87	5/3/2022		GRAB	pH, Lab	8.4	S.U.	L72901-06	5/4/2022	
87	5/11/2022		GRAB	Arsenic, Total	0.00072	mg/L	L73138-05	5/20/2022	
87	5/11/2022		GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L73138-05	5/19/2022	
87	5/11/2022		GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L73138-05	5/11/2022	
87	5/11/2022	TWENTYMILE	GRAB	Flow	0.0003	MILLION GALLONS PER DAY		5/11/2022	
87	5/11/2022		GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L73138-05	5/19/2022	
87	5/11/2022		GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L73138-05	5/16/2022	
87	5/11/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		5/11/2022	
87	5/11/2022		GRAB	Selenium, Potentially Dissolvable	0.00456	mg/L	L73138-05	5/19/2022	
87	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1630	UMHOS/CM		5/11/2022	
87	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	16.8	Deg C		5/11/2022	
87	5/11/2022		GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L73138-05	5/16/2022	
87	5/11/2022		GRAB	Solids, Settleable	< 0.5	mL/L	L73138-06	5/11/2022	
87	5/11/2022		GRAB	Solids, Total Suspended	< 20	mg/L	L73138-06	5/13/2022	
87	5/11/2022		GRAB	Iron, Total Recoverable	< 0.15	mg/L	L73138-07	5/25/2022	
87	5/11/2022		GRAB	pH Temperature	21.6	Deg C	L73138-07	5/19/2022	
87	5/11/2022		GRAB	pH, Lab	8.5	S.U.	L73138-07	5/19/2022	
87	5/17/2022	TWENTYMILE	GRAB	Flow	0.0003	MILLION GALLONS PER DAY		5/17/2022	
87	5/17/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		5/17/2022	
87	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1900	UMHOS/CM		5/17/2022	
87	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	20	Deg C		5/17/2022	
87	5/18/2022		GRAB	Iron, Total Recoverable	0.069	mg/L	L73318-05	5/31/2022	
87	5/18/2022		GRAB	pH Temperature	22.3	Deg C	L73318-05	5/27/2022	
87	5/18/2022		GRAB	pH, Lab	8.4	S.U.	L73318-05	5/27/2022	
87	5/18/2022		GRAB	Solids, Settleable	< 0.5	mL/L	L73318-06	5/18/2022	
87	5/18/2022		GRAB	Solids, Total Suspended	< 20	mg/L	L73318-06	5/24/2022	
900	3/30/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	455	mg/L	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	430	mg/L	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	24.5	mg/L	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L72281-03	4/14/2022	
900	3/30/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	525	mg/L	L72281-03	4/5/2022	

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900	3/30/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.005	mg/L	L72281-03	4/7/2022	
900	3/30/2022	TWENTYMILE	GRAB	Calcium, Dissolved	174	mg/L	L72281-03	4/6/2022	
900	3/30/2022	TWENTYMILE	GRAB	Carbonate as CO3	14.7	mg/L	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	Flow	10.3444	cfs		3/30/2022	
900	3/30/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	3.13	mg/L	L72281-03	4/6/2022	
900	3/30/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	127	mg/L	L72281-03	4/6/2022	
900	3/30/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.401	mg/L	L72281-03	4/6/2022	
900	3/30/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72281-03	4/4/2022	
900	3/30/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L72281-03	4/6/2022	
900	3/30/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	0.72	mg/L	L72281-03	4/9/2022	
900	3/30/2022	TWENTYMILE	GRAB	pH Temperature	23	Deg C	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/30/2022	
900	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.046	mg/L	L72281-03	3/30/2022	
900	3/30/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	< 0.005	mg/L	L72281-03	4/7/2022	
900	3/30/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.01	mg/L	L72281-03	4/8/2022	
900	3/30/2022	TWENTYMILE	GRAB	Sodium, Dissolved	370	mg/L	L72281-03	4/6/2022	
900	3/30/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	5.3	RATIO	L72281-03	4/19/2022	
900	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	117	mg/L	L72281-03	3/31/2022	
900	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3030	UMHOS/CM		3/30/2022	
900	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3160	ums/cm	L72281-03	4/5/2022	
900	3/30/2022	TWENTYMILE	GRAB	Sulfates	1510	mg/L	L72281-03	4/6/2022	
900	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	6.5	Deg C		3/30/2022	
900	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2640	mg/L	L72281-03	4/4/2022	
900	3/30/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L72281-03	4/6/2022	
900	4/11/2022	TWENTYMILE	GRAB	Flow	9.97333	cfs		4/11/2022	
900	4/11/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/11/2022	
900	4/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3180	UMHOS/CM		4/11/2022	
900	4/11/2022	TWENTYMILE	GRAB	Temperature, Field	7.1	Deg C		4/11/2022	
900	5/3/2022	TWENTYMILE	GRAB	Flow	10.73917	cfs		5/3/2022	
900	5/3/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/3/2022	
900	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3800	UMHOS/CM		5/3/2022	
900	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	12	Deg C		5/3/2022	
900	5/5/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/5/2022	
900	5/5/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	350	UMHOS/CM		5/5/2022	
900	5/27/2022	TWENTYMILE	GRAB	Flow	3.452108	cfs		5/27/2022	
900	5/27/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		5/27/2022	
900	5/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3950	UMHOS/CM		5/27/2022	
900	5/27/2022	TWENTYMILE	GRAB	Temperature, Field	20.5	Deg C		5/27/2022	
900	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	595	mg/L	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	540	mg/L	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	55.4	mg/L	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	659	mg/L	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.0005	mg/L	L74204-06	7/8/2022	
900	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	110	mg/L	L74204-06	7/13/2022	
900	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO3	33.3	mg/L	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Flow	2.95375	cfs		6/28/2022	
900	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.55	mg/L	L74204-06	7/12/2022	
900	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	111	mg/L	L74204-06	7/14/2022	
900	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.196	mg/L	L74204-06	7/12/2022	
900	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-06	7/6/2022	
900	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L74204-06	7/12/2022	
900	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-06	7/13/2022	

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900	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/28/2022	
900	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.061	mg/L	L74204-06	6/30/2022	
900	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00032	mg/L	L74204-06	7/8/2022	
900	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L74204-06	7/8/2022	
900	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	772	mg/L	L74204-06	7/13/2022	
900	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	13	RATIO	L74204-06	7/15/2022	
900	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	44	mg/L	L74204-06	7/1/2022	
900	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4210	UMHOS/CM		6/28/2022	
900	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4290	ums/cm	L74204-06	7/7/2022	
900	6/28/2022	TWENTYMILE	GRAB	Sulfates	1720	mg/L	L74204-06	7/6/2022	
900	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	17.6	Deg C		6/28/2022	
900	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3330	mg/L	L74204-06	7/5/2022	
900	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L74204-06	7/12/2022	
900	7/13/2022	TWENTYMILE	GRAB	Flow	2.34	cfs		7/13/2022	
900	7/13/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		7/13/2022	
900	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4310	UMHOS/CM		7/13/2022	
900	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	22.8	Deg C		7/13/2022	
900	8/3/2022	TWENTYMILE	GRAB	Flow	4.19	cfs		8/3/2022	
900	8/3/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		8/3/2022	
900	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4520	UMHOS/CM		8/3/2022	
900	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	23.3	Deg C		8/3/2022	
900	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	726	mg/L	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	661	mg/L	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	64.4	mg/L	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	0.081	mg/L	L75105-06	8/15/2022	
900	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	807	mg/L	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	0.000124	mg/L	L75105-06	8/19/2022	
900	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	69.6	mg/L	L75105-06	8/25/2022	
900	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	38.6	mg/L	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Flow	4.012	cfs		8/10/2022	
900	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	5.62	mg/L	L75105-06	8/27/2022	
900	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	77.5	mg/L	L75105-06	8/25/2022	
900	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.174	mg/L	L75105-06	8/27/2022	
900	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-06	8/17/2022	
900	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L75105-06	8/27/2022	
900	8/10/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	0.667	mg/L	L75105-06	8/20/2022	
900	8/10/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/10/2022	
900	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.045	mg/L	L75105-06	8/11/2022	
900	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00038	mg/L	L75105-06	8/19/2022	
900	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.001	mg/L	L75105-06	8/19/2022	
900	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	922	mg/L	L75105-06	8/25/2022	
900	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	18	RATIO	L75105-06	9/12/2022	
900	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	201	mg/L	L75105-06	8/12/2022	
900	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4440	UMHOS/CM		8/10/2022	
900	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4470	ums/cm	L75105-06	8/13/2022	
900	8/10/2022	TWENTYMILE	GRAB	Sulfates	1760	mg/L	L75105-06	8/18/2022	
900	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	24.7	Deg C		8/10/2022	
900	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3460	mg/L	L75105-06	8/15/2022	
900	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L75105-06	8/27/2022	
900	8/25/2022	TWENTYMILE	GRAB	Flow	4.770667	cfs		8/25/2022	
900	8/25/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		8/25/2022	

900	8/25/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4320	UMHOS/CM		8/25/2022	
900	8/25/2022	TWENTYMILE	GRAB	Temperature, Field	18.2	Deg C		8/25/2022	
900	8/31/2022	TWENTYMILE	GRAB	Flow	5.0925	cfs		8/31/2022	
900	8/31/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		8/31/2022	
900	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4490	UMHOS/CM		8/31/2022	
900	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	19.2	Deg C		8/31/2022	
900	9/8/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	638	mg/L	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	544	mg/L	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	93.4	mg/L	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75700-04	9/13/2022	
900	9/8/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	664	mg/L	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75700-04	9/14/2022	
900	9/8/2022	TWENTYMILE	GRAB	Calcium, Dissolved	68.2	mg/L	L75700-04	9/21/2022	
900	9/8/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	56	mg/L	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Flow	0.774333	cfs		9/8/2022	
900	9/8/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.585	mg/L	L75700-04	9/19/2022	
900	9/8/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	95.4	mg/L	L75700-04	9/21/2022	
900	9/8/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.054	mg/L	L75700-04	9/19/2022	
900	9/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75700-04	9/14/2022	
900	9/8/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.2	mg/L	L75700-04	9/19/2022	
900	9/8/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L75700-04	9/17/2022	
900	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.5	Deg C	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		9/8/2022	
900	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.04	mg/L	L75700-04	9/8/2022	
900	9/8/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00017	mg/L	L75700-04	9/14/2022	
900	9/8/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75700-04	9/14/2022	
900	9/8/2022	TWENTYMILE	GRAB	Sodium, Dissolved	838	mg/L	L75700-04	9/21/2022	
900	9/8/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	16	RATIO	L75700-04	10/11/2022	
900	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	17	mg/L	L75700-04	9/14/2022	
900	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4240	UMHOS/CM		9/8/2022	
900	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4320	ums/cm	L75700-04	9/16/2022	
900	9/8/2022	TWENTYMILE	GRAB	Sulfates	1720	mg/L	L75700-04	10/4/2022	
900	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	17.5	Deg C		9/8/2022	
900	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3250	mg/L	L75700-04	9/14/2022	
900	9/8/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.1	mg/L	L75700-04	9/19/2022	
900	9/16/2022	TWENTYMILE	GRAB	Flow	3.575	cfs		9/16/2022	
900	9/16/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		9/16/2022	
900	9/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4420	UMHOS/CM		9/16/2022	
900	9/16/2022	TWENTYMILE	GRAB	Temperature, Field	12.1	Deg C		9/16/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	273	mg/L	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	259	mg/L	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	14	mg/L	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	316	mg/L	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-03	7/8/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	77.9	mg/L	L74204-03	7/13/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	8.4	mg/L	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Flow	3.33	cfs		6/28/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.3	mg/L	L74204-03	7/12/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	45.4	mg/L	L74204-03	7/14/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.03	mg/L	L74204-03	7/12/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-03	7/6/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-03	7/12/2022	

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SW13	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-03	7/13/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/28/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L74204-03	6/30/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00037	mg/L	L74204-03	7/8/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-03	7/8/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	36.2	mg/L	L74204-03	7/13/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.82	RATIO	L74204-03	7/15/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L74204-03	7/1/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	850	UMHOS/CM		6/28/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	822	ums/cm	L74204-03	7/7/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Sulfates	191	mg/L	L74204-03	7/6/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	16.5	Deg C		6/28/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	556	mg/L	L74204-03	7/5/2022	
SW13	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-03	7/12/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	263	mg/L	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	237	mg/L	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	26.6	mg/L	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-03	8/15/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	289	mg/L	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-03	8/19/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	54.1	mg/L	L75105-03	8/24/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO3	15.9	mg/L	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Flow	1.8525	cfs		8/10/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.51	mg/L	L75105-03	8/25/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	44.7	mg/L	L75105-03	8/24/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.029	mg/L	L75105-03	8/24/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-03	8/17/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-03	8/24/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75105-03	8/20/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/10/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.014	mg/L	L75105-03	8/11/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00035	mg/L	L75105-03	8/19/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-03	8/19/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	30.9	mg/L	L75105-03	8/24/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.76	RATIO	L75105-03	9/12/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L75105-03	8/12/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	700	UMHOS/CM		8/10/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	708	ums/cm	L75105-03	8/13/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Sulfates	157	mg/L	L75105-03	8/18/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	25.3	Deg C		8/10/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	448	mg/L	L75105-03	8/15/2022	
SW13	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-03	8/24/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	246	mg/L	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	229	mg/L	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	16.7	mg/L	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	280	mg/L	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-04	7/8/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	72.9	mg/L	L74204-04	7/13/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO3	10	mg/L	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Flow	3.213333	cfs		6/28/2022	

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SW14	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.345	mg/L	L74204-04	7/12/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	43.8	mg/L	L74204-04	7/14/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.022	mg/L	L74204-04	7/12/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-04	7/6/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-04	7/12/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L74204-04	7/13/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/28/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	< 0.05	mg/L	L74204-04	6/30/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00037	mg/L	L74204-04	7/8/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-04	7/8/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	36.5	mg/L	L74204-04	7/13/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.84	RATIO	L74204-04	7/15/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L74204-04	7/1/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	810	UMHOS/CM		6/28/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	796	ums/cm	L74204-04	7/7/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Sulfates	189	mg/L	L74204-04	7/6/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	16.5	Deg C		6/28/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	530	mg/L	L74204-04	7/5/2022	
SW14	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-04	7/12/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	237	mg/L	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	211	mg/L	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	25.4	mg/L	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-04	8/15/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	258	mg/L	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-04	8/19/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	54.7	mg/L	L75105-04	8/25/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO3	15.2	mg/L	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Flow	1.262083	cfs		8/10/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.658	mg/L	L75105-04	8/25/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	48	mg/L	L75105-04	8/25/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.025	mg/L	L75105-04	8/24/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-04	8/17/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-04	8/24/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	< 0.1	mg/L	L75105-04	8/20/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	pH Temperature	22.5	Deg C	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/10/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.014	mg/L	L75105-04	8/11/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00035	mg/L	L75105-04	8/19/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-04	8/19/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	35.2	mg/L	L75105-04	8/25/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.85	RATIO	L75105-04	9/12/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	17	mg/L	L75105-04	8/12/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	680	UMHOS/CM		8/10/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	720	ums/cm	L75105-04	8/13/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Sulfates	165	mg/L	L75105-04	8/18/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	26	Deg C		8/10/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	476	mg/L	L75105-04	8/15/2022	
SW14	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-04	8/24/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	256	mg/L	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	244	mg/L	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	12.5	mg/L	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L74204-09	7/7/2022	

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SW15	6/28/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	297	mg/L	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L74204-09	7/8/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Calcium, Dissolved	73	mg/L	L74204-09	7/13/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	7.5	mg/L	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Flow	1.1875	cfs		6/28/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.85	mg/L	L74204-09	7/12/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	42.2	mg/L	L74204-09	7/14/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.147	mg/L	L74204-09	7/12/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74204-09	7/6/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L74204-09	7/12/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L74204-09	7/13/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		6/28/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.011	mg/L	L74204-09	6/30/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00047	mg/L	L74204-09	7/8/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L74204-09	7/8/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Sodium, Dissolved	48.5	mg/L	L74204-09	7/13/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	1.1	RATIO	L74204-09	7/15/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	42	mg/L	L74204-09	7/1/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	810	UMHOS/CM		6/28/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	843	ums/cm	L74204-09	7/7/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Sulfates	199	mg/L	L74204-09	7/6/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	23.7	Deg C		6/28/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	566	mg/L	L74204-09	7/5/2022	
SW15	6/28/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L74204-09	7/12/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Alkalinity as CaCO ₃ , @ pH 4.5	250	mg/L	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO ₃	210	mg/L	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO ₃	39.6	mg/L	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO ₃	< 20	mg/L	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	< 0.2	mg/L	L75105-09	8/15/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Bicarbonate as HCO ₃	256	mg/L	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Cadmium, Total Recoverable	< 0.00025	mg/L	L75105-09	8/19/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Calcium, Dissolved	50.1	mg/L	L75105-09	8/25/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Carbonate as CO ₃	23.8	mg/L	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Flow	0.984	cfs		8/10/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.64	mg/L	L75105-09	8/27/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	52.8	mg/L	L75105-09	8/25/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Manganese, Total Recoverable	0.083	mg/L	L75105-09	8/27/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75105-09	8/17/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Molybdenum, Total Recoverable	< 0.1	mg/L	L75105-09	8/27/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	NO ₃ -NO ₂ Nitrogen	< 0.1	mg/L	L75105-09	8/20/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		8/10/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Phosphorus, Orthophosphorus	0.015	mg/L	L75105-09	8/11/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Selenium, Total Recoverable	0.00057	mg/L	L75105-09	8/19/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Silver, Total Recoverable	< 0.0005	mg/L	L75105-09	8/19/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Sodium, Dissolved	38.5	mg/L	L75105-09	8/25/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Sodium Adsorption Ratio	0.92	RATIO	L75105-09	9/12/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	44	mg/L	L75105-09	8/12/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	730	UMHOS/CM		8/10/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	764	ums/cm	L75105-09	8/13/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Sulfates	180	mg/L	L75105-09	8/18/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	28.7	Deg C		8/10/2022	

SW15	8/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	484	mg/L	L75105-09	8/15/2022	
SW15	8/10/2022	TWENTYMILE	GRAB	Zinc, Total Recoverable	< 0.05	mg/L	L75105-09	8/27/2022	

Foidel Creek Mine
2022 Annual Report

Attachment 3

Section 4

Life of Site Water Quality Statistics, and Graphs of TDS and Field Conductivity for Surface
Water Sites

Ground and Surface Water Quality Statistics Report

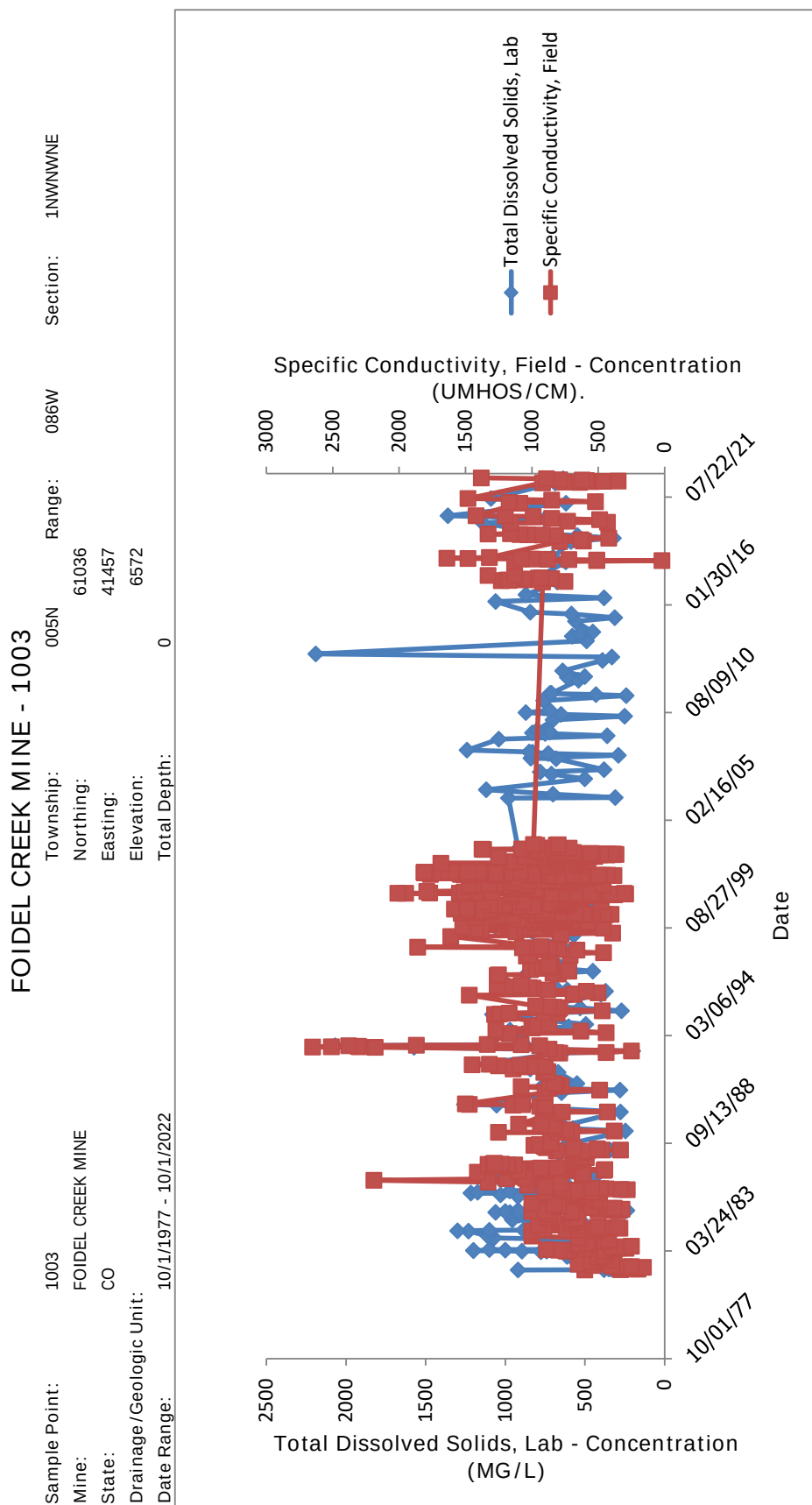
Sample Point 1003 **Township** 005N **Range:** 086W **Section** 1NWNWNE
Mine: FOIDEL CREEK MINE **Northing** 61036
State: CO **Easting** 41457
Drainage/Geologic Unit: **Elevation** 6572
Date Range 10/01/1978 to 9/30/2022

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Alkalinity as CaCO3, @ pH 4.5	mg/L	118	102	360	233.4576	60.17136	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	238	34.16	430	240.52	70.77	0				
Alkalinity, Carbonate as CaCO3	mg/L	99	0	38	13.56667	8.62429	32	<	1 < 20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					13	<	2 < 10		
Aluminum, Total	ug/L	46	140	23650	5329.783	5603.095	4	<	200 < 400		
Ammonia Nitrogen	mg/L	34	0.001	0.64	0.060	0.118	88	<	0.001 < 5		
Ammonium	mg/L	34	0.02	2.33	0.16	0.39	26	<	0.01 < 0.2		
Arsenic, Total	ug/L	27	1	6	2.88889	1.450022	23	<	1 < 5		
Bicarbonate as HCO3	mg/L	13	139	361	267.6154	72.01914	0				
BOD	mg/L	32	2	6	2.78125	0.9413229	34	<	2 < 2		
Boron, Total	ug/L	2	20	100	60	56.56854	1	<	100 < 100		
Cadmium, Total	ug/L	5	5	22	10.2	6.760178	45	<	5 < 20		
Cadmium, Total Recoverable	ug/L	26	7.8E-05	2.1	0.15393	0.40909	103	<	0.00005 < 5		
Calcium, Dissolved	mg/L	242	20	161	75.21157	23.81713	0				
Calcium, Total Recoverable	mg/L	7	56	98	78.71429	14.739	0				
Carbon, Dissolved Organic	mg/L	65	3.8	24.3	6.4	2.7	0				
Carbon, Total Organic	mg/L	60	4	41.3	8.2	5.4	5	<	50 < 50		
Carbonate as CO3	mg/L	9	6.2	22.1	14.0	5.8	3	<	2 < 10		
Chloride	mg/L	73	1	19	7.589041	4.585108	8	<	1 < 3		
Copper, Total	ug/L	12	5	50	27.08333	15.44173	39	<	10 < 30		
Flow	cfs	193	0	272	38.66965	53.63721	0				
Fluoride	mg/L	1	0.11	0.11	0.11		2	<	0.5 < 0.5		
Hardness, Calcium	mg/L	166	110	865	388.0301	142.0463	1	<	2 < 2		
Hydroxide as OH	mg/L	0					78	<	2 < 20		
Iron, Total	ug/L	116	340	65500	8481.034	10643.66	0				
Iron, Total Recoverable	ug/L	129	0.24	21400	1275.97	2846.55	0				
Lead, Total	ug/L	20	20	110	32	23.53049	30	<	20 < 200		
Magnesium, Dissolved	mg/L	242	11	147	51.13471	21.78085	0				
Magnesium, Total Recoverable	mg/L	7	30	70	55.42857	15.47963	0				
Manganese, Dissolved	ug/L	13	10	110	32.30769	28.32956	1	<	10 < 10		

Manganese, Total	ug/L	114	32	900	208.0263	163.1077	0					
Manganese, Total Recoverable	ug/L	141	0.033	510	70.437	83.817	1	<	73	<	73	
Mercury, Total	ug/L	2	0.0004	4	2.0002	2.8281	106	<	0.0002	<	1	
Mercury, Total Recoverable	ug/L	0					72	<	0.0002	<	0.2	
Molybdenum, Total	ug/L	1	20	20	20		49	<	50	<	300	
Molybdenum, Total Recoverable	ug/L	5	0.01	20	8.01	8.36	124	<	0.02	<	50	
Nitrate Nitrogen	mg/L	42	0.02	1.77	0.34	0.42	36	<	0.02	<	0.02	
Nitrite Nitrogen	mg/L	6	0.01	0.1	0.04	0.04	36	<	0.01	<	0.2	
Nitrogen, TKN	mg/L	66	0.3	2.7	0.9	0.5	0					
NO3-NO2 Nitrogen	mg/L	174	0.01	3.21	0.72	0.78	66	<	0.005	<	0.1	
pH Temperature	Deg C	82	18.6	26	21.3	1.3	0					
pH, Field	S.U.	659	6.8	9.1	8.1	0.4	0					
pH, Lab	S.U.	117	7.43	8.9	8.38	0.25	0					
Phosphorus, Dissolved	mg/L	6	0.02	0.06	0.04	0.02	0					
Phosphorus, Orthophosphorus	mg/L	94	0.005	0.26	0.035	0.035	79	<	0.005	<	0.05	
Phosphorus, Phosphate	mg/L	2	0.04	0.05	0.05	0.01	2	<	0.03	<	0.03	
Phosphorus, Total	mg/L	66	0.02	1.08	0.16	0.20	0					
Potassium, Dissolved	mg/L	39	1	5	2.507692	0.8630986	0					
Selenium, Total	ug/L	25	1	6	3.36	1.380821	25	<	1	<	5	
Selenium, Total Recoverable	ug/L	74	0.0001	17	0.6359	2.1742	55	<	1	<	10	
Silver, Total Recoverable	ug/L	7	5E-05	0.9	0.2	0.3	122	<	0.00005	<	5	
Sodium Adsorption Ratio	RATIO	246	0.29	7.14	1.30	0.92	0					
Sodium, Dissolved	mg/L	242	9	286	59.04008	41.19835	0					
Sodium, Total Recoverable	mg/L	7	20	44	33.42857	7.721337	0					
Solids, Settleable	mL/L	0					1	<	0.2	<	0.2	
Solids, Total Suspended	mg/L	301	4	2190	186.5269	310.4042	7	<	2	<	20	
Specific Conductivity, Field	UMHOS/CM	689	20	2650	889.4026	379.2554	0					
Specific Conductivity, Lab	UMHOS/CM	211	293	2810	934.9384	362.2177	0					
Sulfates	mg/L	332	37	2045	298.5512	191.3376	0					
Temperature, Field	Deg C	620	0	29	12.41145	7.218864	0					
Total Dissolved Solids, Lab	mg/L	244	200	2190	665.5697	296.8097	0					
Zinc, Total	ug/L	42	5	190	56.19048	51.60083	10	<	5	<	10	
Zinc, Total Recoverable	ug/L	67	0.01	90	18.38	19.57	62	<	0.01	<	10	

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Ground and Surface Water Quality Statistics Report

Sample Point	1005	Township	006N	Range:	086W	Section	36
Mine:	FOIDEL CREEK MINE	Northing	62182				
State:	CO	Easting	41704				
Drainage/Geologic Unit:		Elevation	6569				
Date Range	10/01/1978 to 9/30/2022						

Parm Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	104	36	309	160.1702	42.39663	0		
Alkalinity, Bicarbonate as CaCO ₃	mg/L	125	44	280	172.668	40.48937	0		
Alkalinity, Carbonate as CaCO ₃	mg/L	85	0	58.9	11.2	8.6	40	< 1	< 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					25	< 2	< 10
Ammonia Nitrogen	mg/L	14	0.002	0.14	0.065	0.043	108	< 0.001	< 3
Ammonium	mg/L	7	0.06	0.18	0.09	0.04	21	< 0.01	< 0.05
Bicarbonate as HCO ₃	mg/L	26	108	306	206.2692	49.01637	0		
Cadmium, Total Recoverable	ug/L	8	5.9E-05	3	0.37513	1.06061	117	< 0.00005	< 5
Calcium, Dissolved	mg/L	125	10.9	140	62.5	19.3	0		
Carbonate as CO ₃	mg/L	18	3.5	35.3	12.1	8.1	5	< 2	< 10
Flow	cfs	35	1.88	404.15	72.04	96.27	0		
Hardness, Calcium	mg/L	25	13.9	623	292.8	127.4	1	< 2	< 2
Hydroxide as OH	mg/L	0					100	< 2	< 20
Iron, Total Recoverable	ug/L	125	0.13	4920	418.87	996.23	0		
Magnesium, Dissolved	mg/L	125	0.7	83.3	38.0	13.9	0		
Manganese, Total Recoverable	ug/L	124	0.009	1100	33.730	106.683	1	< 38	< 38
Mercury, Total	mg/L	1	0.0005	0.0005	0.0005		79	< 0.0002	< 0.001
Mercury, Total Recoverable	ug/L	2	0.2	1.2	0.7	0.7	43	< 0.0002	< 0.2
Molybdenum, Total Recoverable	ug/L	2	0.02	0.02	0.02	0	123	< 0.02	< 50
Nitrate Nitrogen	mg/L	28	0.02	0.41	0.08	0.09	16	< 0.02	< 0.02
Nitrite Nitrogen	mg/L	3	0.02	0.06	0.04	0.02	38	< 0.01	< 0.02
NO ₃ -NO ₂ Nitrogen	mg/L	66	0.02	14.4	0.36	1.78	59	< 0.02	< 0.1
pH Temperature	Deg C	105	18.6	26	21.3	1.4	0		
pH, Field	S.U.	589	6.6	8.94	8.28	0.27	0		
pH, Lab	S.U.	136	7	9.2	8.4	0.3	0		
Phosphorus, Dissolved	mg/L	6	0.01	0.07	0.03	0.02	1	< 0.05	< 0.05
Phosphorus, Orthophosphorus	mg/L	80	0.005	0.12	0.028	0.019	38	< 0.005	< 0.05
Phosphorus, Phosphate	mg/L	1	0.04	0.04	0.04		3	< 0.03	< 0.03
Selenium, Total Recoverable	ug/L	77	0.0001	6	0.1822	0.8541	48	< 0.0001	< 10
Silver, Total Recoverable	ug/L	3	7E-05	0.4	0.1	0.2	122	< 0.00005	< 5

Sodium Adsorption Ratio	RATIO	125	0	84.1	1.5	7.5	0		
Sodium, Dissolved	mg/L	125	7	1060	40.9892	99.61815	0		
Solids, Total Suspended	mg/L	93	4	480	55.35484	91.32332	32	<	20
Specific Conductivity, Field	UMHOS/CM	670	31	1930	681.3533	193.6315	0		
Specific Conductivity, Lab	UMHOS/CM	199	242	1970	699.1708	235.5931	0		
Sulfates	mg/L	214	31	2200	232.7804	171.1802	0		
Temperature, Field	Deg C	527	0	29	11.59	6.574271	0		
Total Dissolved Solids, Lab	mg/L	125	110	1420	491.44	198.5788	0		
Zinc, Total Recoverable	ug/L	40	0.01	1400	46.63	219.92	85	<	10

< - denotes value is below detectable limit:

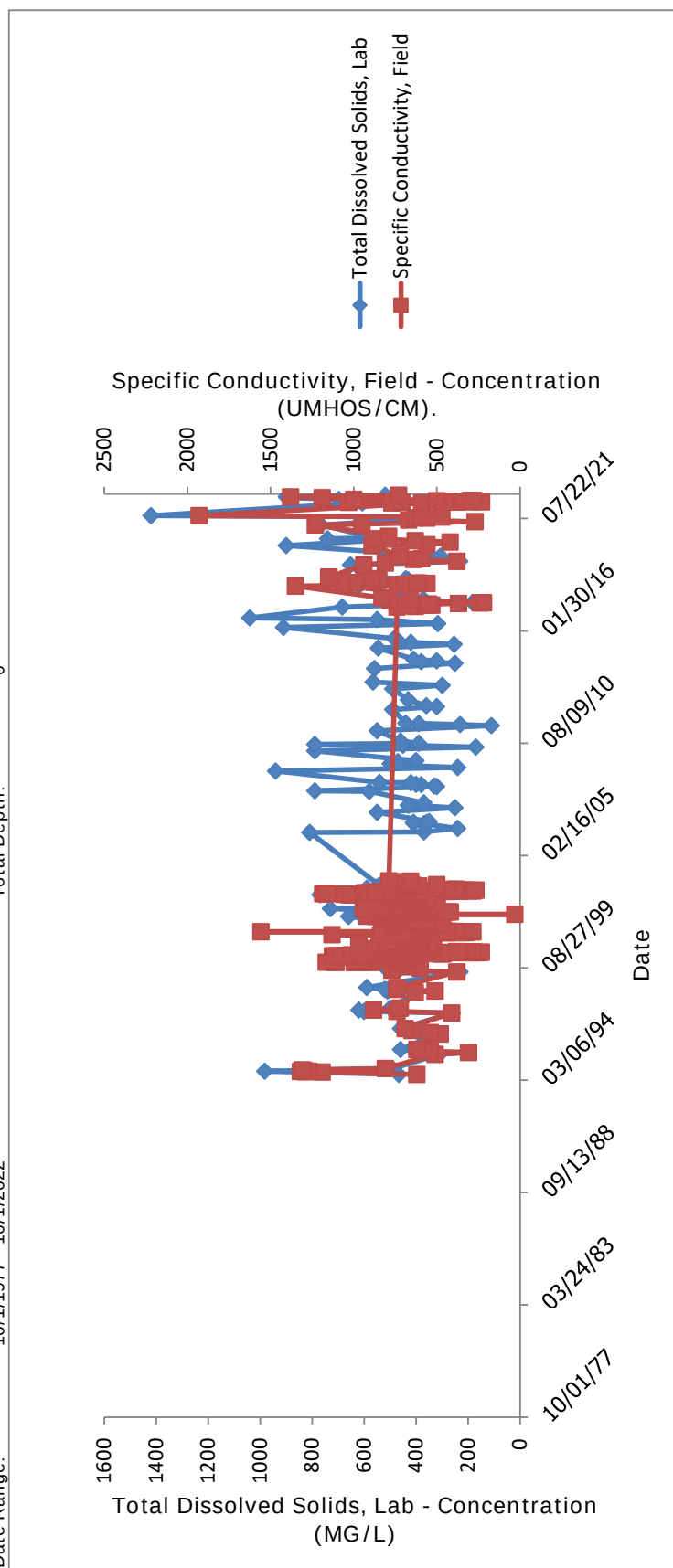
> - denotes value is above detectable limit:

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - 1005

Sample Point: 1005
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 10/1/2022
 Township: 006N
 Range: 086W
 Section: 36
 Northing: 62182
 Easting: 41704
 Elevation: 6569
 Total Depth: 0



Ground and Surface Water Quality Statistics Report

14	Sample Point	Township	004N	Range:	086W	Section	7SWNE		
FOIDEL CREEK MINE	Mine:	Northing	27882						
CO	State:	Easting	12447						
	Drainage/Geologic Unit:	Elevation	6915						
10/01/1978 to 9/30/2022	Date Range								
Parm Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO3, @ pH 4.5	mg/L	75	82	358	202.9427	76.31995	0		
Alkalinity, Bicarbonate as CaCO3	mg/L	189	15	437	245.1225	84.63709	0		
Alkalinity, Carbonate as CaCO3	mg/L	43	0	48	14.07674	12.45353	40	< 1	< 20
Alkalinity, Hydroxide as CaCO3	mg/L	0					7	< 2	< 10
Aluminum, Total	ug/L	39	60	6570	1141.538	1484.9	5	< 20	< 400
Aluminum, Total Recoverable	ug/L	1	70	70	70		0		
Ammonia Nitrogen	mg/L	14	0.001	0.15	0.030	0.049	56	< 0.001	< 3
Ammonium	mg/L	26	0.02	0.19	0.08	0.04	28	< 0.01	< 0.2
Arsenic, Total	ug/L	11	1	3	1.636364	0.6741999	33	< 1	< 5
Arsenic, Total Recoverable	ug/L	1	1	1	1		0		
Barium, Total	ug/L	2	170	260	215	63.63961	0		
Barium, Total Recoverable	ug/L	1	60	60	60		0		
Bicarbonate as HCO3	mg/L	7	112	355	257.1429	105.4126	0		
Boron, Dissolved	ug/L	1	70	70	70		0		
Boron, Total	ug/L	1	100	100	100		1	< 100	< 100
Cadmium, Dissolved	mg/L	1	6E-05	6E-05	6E-05		0		
Cadmium, Total	ug/L	5	3	37	11	14.56022	39	< 5	< 20
Cadmium, Total Recoverable	ug/L	11	6E-05	8	1.081839	2.43302	68	< 0.00005	< 5
Calcium, Dissolved	mg/L	192	30	342	93.86562	41.00781	0		
Calcium, Total Recoverable	mg/L	6	42	162	115.1667	43.7329	0		
Carbon, Dissolved Organic	mg/L	1	8.5	8.5	8.5		0		
Carbonate as CO3	mg/L	4	2.2	15.8	9.0	6.4	2	< 2	< 10
Chloride	mg/L	70	2	12	4.971428	2.133049	7	< 1	< 3
Chromium, Total Recoverable	ug/L	1	10	10	10		0		
Copper, Potentially Dissolvable	ug/L	2	3	5	4	1.414214	3	< 1	< 1
Copper, Total	ug/L	7	5	30	16.42857	8.521681	39	< 10	< 30
Copper, Total Recoverable	ug/L	0					1	< 10	< 10
Flow	cfs	220	0	60	1.197787	4.319497	0		
Fluoride	mg/L	3	0.25	0.4	0.32	0.08	2	< 0.5	< 0.5
Hardness, Calcium	mg/L	159	137	970	426.9749	170.0768	1	< 2	< 2

Hydroxide as OH	mg/L	0	0.21	0.21	0.21	0.21	43	<	2	<	20
Iron, Dissolved	mg/L	1	0.38	0.38	0.38	0.38	1	<	0.05	<	0.05
Iron, Potentially Dissolvable	mg/L	1	0.38	0.38	0.38	0.38	0				
Iron, Total	ug/L	135	10	13800	1402.296	1803.859	1	<	10	<	10
Iron, Total Recoverable	ug/L	85	0.34	6100	938.46	1214.22	0				
Lead, Dissolved	mg/L	1	0.03	0.03	0.03	0.03	0				
Lead, Total	ug/L	11	20	370	81.81818	105.2443	32	<	20	<	200
Lead, Total Recoverable	ug/L	0					1	<	20	<	20
Magnesium, Dissolved	mg/L	193	10	175	47.62539	20.51858	0				
Magnesium, Total Recoverable	mg/L	6	21	80	59.83333	22.13971	0				
Manganese, Dissolved	ug/L	12	0.02	410	142.50	155.10	3	<	10	<	10
Manganese, Total	ug/L	129	10	1920	213.124	294.8359	7	<	10	<	20
Manganese, Total Recoverable	ug/L	95	0.012	1910	110.734	221.424	3	<	10	<	10
Mercury, Dissolved	mg/L	0					1	<	0.0002	<	0.0002
Mercury, Total	ug/L	3	0.0002	2	0.6668	1.1546	63	<	0.0002	<	1
Mercury, Total Recoverable	ug/L	1	0.5	0.5	0.5		56	<	0.0002	<	0.2
Molybdenum, Dissolved	mg/L	0					1	<	0.02	<	0.02
Molybdenum, Total	ug/L	0					43	<	50	<	300
Molybdenum, Total Recoverable	ug/L	1	30	30	30		77	<	0.02	<	50
Nickel, Total Recoverable	ug/L	0					1	<	20	<	20
Nitrate Nitrogen	mg/L	43	0.02	22.4	0.72	3.40	19	<	0.01	<	0.02
Nitrite Nitrogen	mg/L	8	0.01	0.08	0.03	0.03	24	<	0.01	<	0.02
NO3-NO2 Nitrogen	mg/L	141	0.006	22.4	0.417	1.928	47	<	0.005	<	0.1
pH Temperature	Deg C	26	17.1	23.6	21.2	1.6	0				
pH, Field	S.U.	268	6.3	9.6	7.8	0.5	0				
pH, Lab	S.U.	56	6.9	8.6	8.1	0.3	0				
Phosphorus, Dissolved	mg/L	1	0.04	0.04	0.04		0				
Phosphorus, Orthophosphorus	mg/L	81	0.007	0.5	0.059	0.064	42	<	0.005	<	0.02
Phosphorus, Phosphate	mg/L	3	0.043	0.07	0.054	0.014	2	<	0.03	<	0.03
Potassium, Dissolved	mg/L	37	1.4	7.3	3.5	1.2	0				
Selenium, Dissolved	mg/L	0					1	<	0.0001	<	0.0001
Selenium, Total	ug/L	5	1	10	2.8	4.024922	39	<	1	<	5
Selenium, Total Recoverable	ug/L	29	0.0002	10	1.0007	2.5352	50	<	1	<	5
Silver, Potentially Dissolvable	ug/L	0					4	<	0.5	<	0.5
Silver, Total	ug/L	1	0.1	0.1	0.1		1	<	0.1	<	0.1
Silver, Total Recoverable	ug/L	3	6E-05	0.1	0.1	0.1	76	<	0.0005	<	10
Sodium Adsorption Ratio	RATIO	177	0.336	2.25	0.738	0.250	0				
Sodium, Dissolved	mg/L	188	10	140	36.02394	17.53257	0				
Sodium, Total Recoverable	mg/L	6	12	58	42.5	17.29451	0				
Solids, Settleable	mL/L	0					5	<	0.1	<	0.1

Solids, Total Suspended	mg/L	213	2	1390	50.46479	112.6495	15	<	2	<	20
Specific Conductivity, Field	UMHOS/CM	266	190	3910	763.1429	409.5079	0				
Specific Conductivity, Lab	UMHOS/CM	89	294	2770	827.8539	343.9107	0				
Sulfates	mg/L	190	33	1470	274.3974	153.5536	0				
Sulfide	mg/L	0					1	<	0.01	<	0.01
Temperature, Field	Deg C	271	0.4	28.4	9.3	5.2	0				
Total Dissolved Solids, Lab	mg/L	229	140	2790	614.821	308.5392	0				
Zinc, Total	ug/L	29	5	170	26.58621	30.4109	18	<	5	<	10
Zinc, Total Recoverable	ug/L	51	0.01	80	19.15	16.19	28	<	0.01	<	20

< - denotes value is below detectable limits

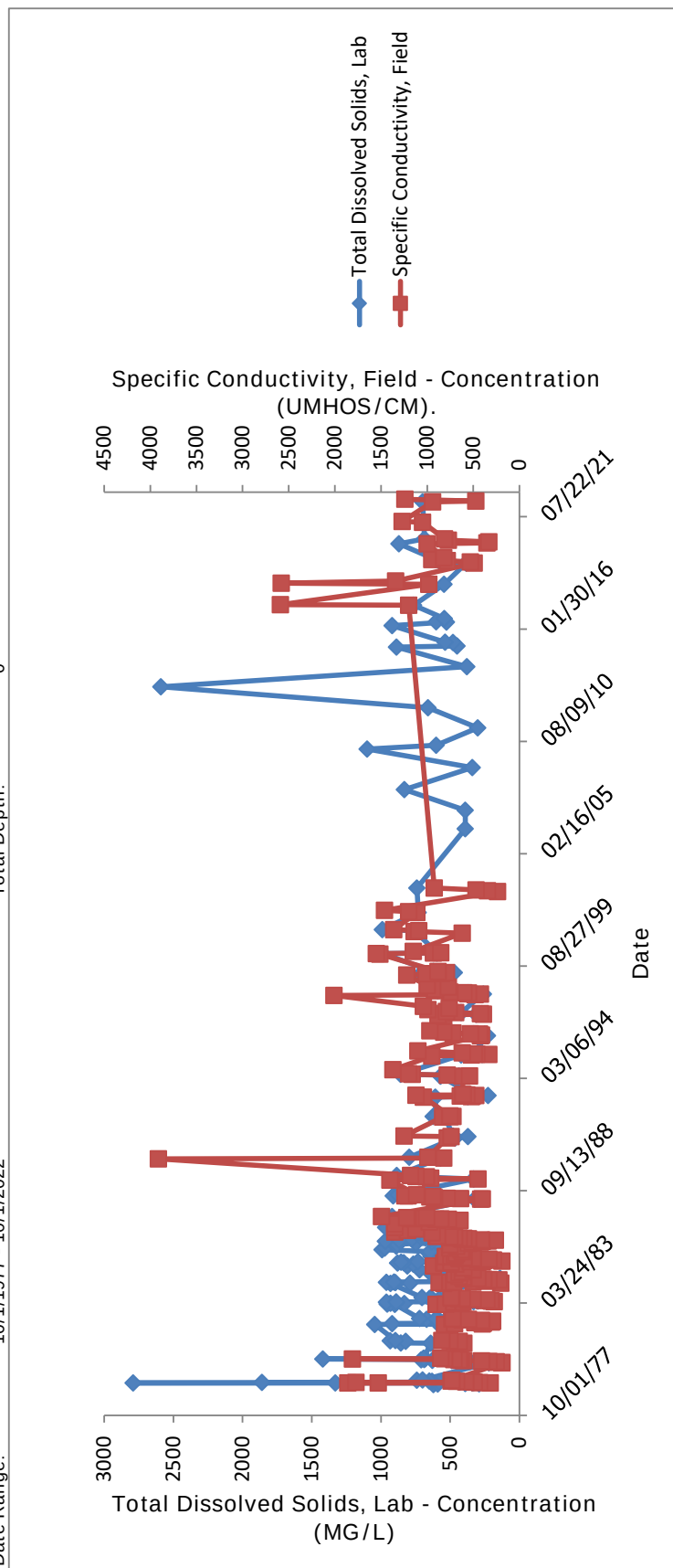
> - denotes value is above detectable limits

FOIDEL CREEK MINE - 14

Sample Point: 14
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit: 10/1/1977 - 10/1/2022
 Date Range: 10/1/1977 - 10/1/2022

Township: 004N
 Northing: 27882
 Easting: 12447
 Elevation: 6915
 Total Depth: 0

Range: 086W
 Section: 7SWNE



Ground and Surface Water Quality Statistics Report

Sample Point 16A
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range 10/01/1978 to 9/30/2022

Township 005N
 Northing 39083
 Easting 9211
 Elevation 6915

Range: 087W Section 25

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max	Max	
Alkalinity as CaCO3, @ pH 4.5	mg/L	60	134	310	231.1667	56.8397	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	75	100	360	243.76	55.78793	0				
Alkalinity, Carbonate as CaCO3	mg/L	57	2	38.9	16.4	10.1	18	< 1	< 20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					20	< 2	< 10		
Aluminum, Dissolved	mg/L	0					1	< 0.02	< 0.02		
Ammonia Nitrogen	mg/L	11	0.004	0.17	0.062	0.053	65	< 0.001	< 0.5		
Ammonium	mg/L	1	0.3	0.3	0.3		1	< 0.05	< 0.05		
Arsenic, Total	mg/L	0					1	< 0.01	< 0.01		
Bicarbonate as HCO3	mg/L	21	157	345	280.5238	54.00335	0				
Boron, Total	mg/L	1	0.13	0.13	0.13		0				
Cadmium, Total Recoverable	ug/L	12	6E-05	0.0002	0.0001	0.0001	64	< 0.00005	< 5		
Calcium, Dissolved	mg/L	75	27.4	200	60.0	20.4	0				
Carbonate as CO3	mg/L	17	3.8	26.1	14.8	6.4	2	< 2	< 10		
Chloride	mg/L	1	3	3	3		0				
Chromium-6	mg/L	0					1	< 0.005	< 0.005		
Cobalt, Total	mg/L	0					1	< 0.006	< 0.006		
COD	mg/L	1	10	10	10		0				
Copper, Potentially Dissolvable	mg/L	0					1	< 0.005	< 0.005		
Copper, Total Recoverable	mg/L	0					1	< 0.005	< 0.005		
Cyanide	mg/L	0					2	< 0.005	< 0.005		
Fecal Coliform	#/100ML	1	20	20	20		0				
Flow	cfs	67	0.13	92.28	15.26	24.20	0				
Fluoride	mg/L	1	0.22	0.22	0.22		0				
Hardness	mg/L	1	320	320	320		0				
Hardness, Calcium	mg/L	2	8.9	25.9	17.4	12.0	0				
Hydroxide as OH	mg/L	0					59	< 2	< 20		
Iron, Dissolved	mg/L	1	0.02	0.02	0.02		0				
Iron, Total	ug/L	22	0.09	7000	321.99	1491.59	0				
Iron, Total Recoverable	ug/L	76	0.118	5910	357.866	1074.782	0				
Lead, Potentially Dissolvable	mg/L	0					1	< 0.005	< 0.005		

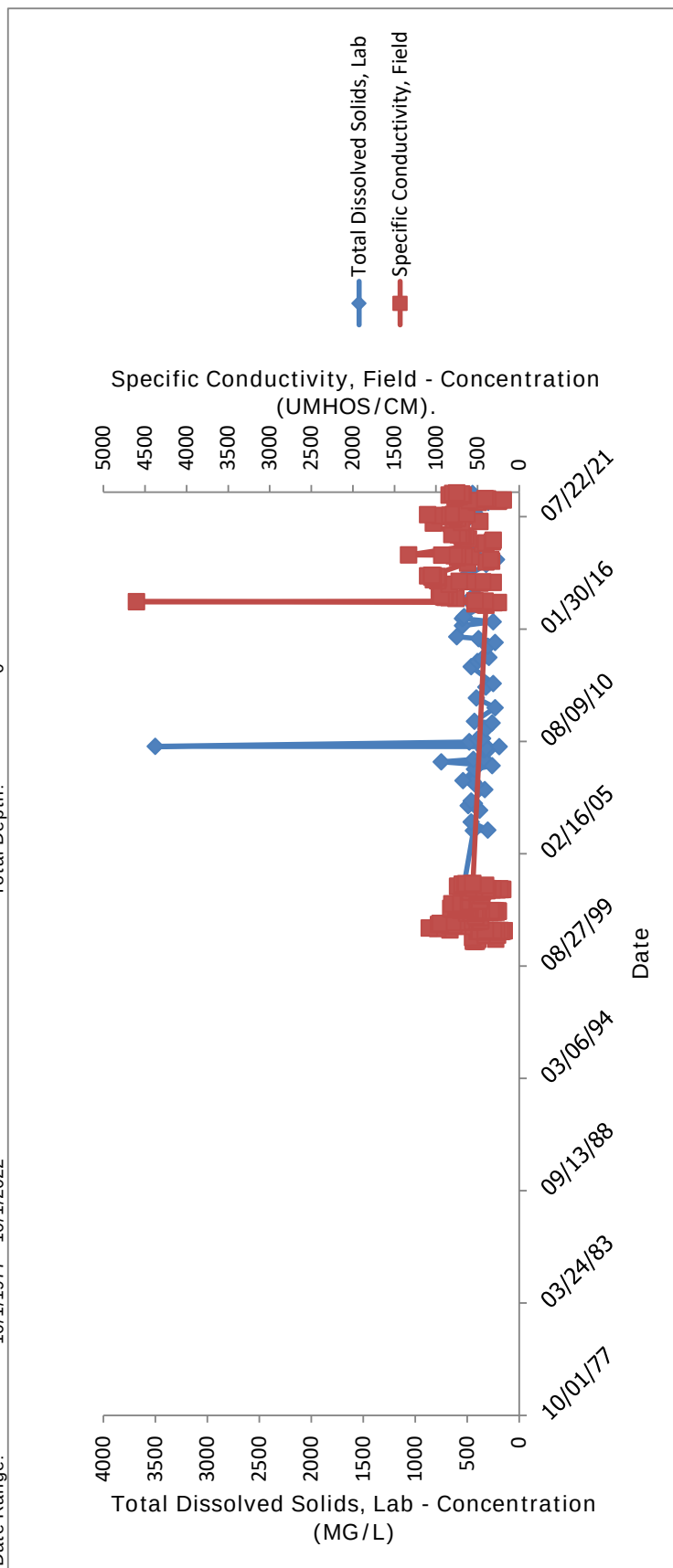
Lead, Total Recoverable	mg/L	0						1	<	0.005	<	0.005
Lithium, Total Recoverable	mg/L	1	3.5	3.5				0				
Magnesium, Dissolved	mg/L	75	12.3	59	36.8	11.8		0				
Manganese, Dissolved	mg/L	0						1	<	0.005	<	0.005
Manganese, Total Recoverable	mg/L	75	0.009	440	17.841	57.162		1	<	0.01	<	0.01
Mercury, Total	mg/L	0						60	<	0.0002	<	0.2
Mercury, Total Recoverable	ug/L	0						16	<	0.0002	<	0.2
Molybdenum, Total Recoverable	ug/L	4	0.01	50	12.51	24.99		71	<	0.02	<	50
Nickel, Potentially Dissolvable	mg/L	0						1	<	0.01	<	0.01
Nickel, Total Recoverable	mg/L	0						1	<	0.01	<	0.01
Nitrate Nitrogen	mg/L	14	0.02	0.33	0.13	0.10		4	<	0.02	<	0.02
Nitrite Nitrogen	mg/L	0						17	<	0.02	<	0.02
Nitrogen, TKN	mg/L	1	0.54	0.54	0.54			0				
NO3-NO2 Nitrogen	mg/L	40	0.02	0.44	0.12	0.10		36	<	0.02	<	0.1
Oil & Grease	mg/L	0						1	<	5	<	5
pH Temperature	Deg C	92	12.6	24	21.0	1.7		0				
pH, Field	S.U.	273	7.25	8.74	8.26	0.22		0				
pH, Lab	S.U.	104	7.62	8.8	8.45	0.23		0				
Phenol	mg/L	0						1	<	0.005	<	0.005
Phosphorus, Dissolved	mg/L	5	0.01	0.04	0.03	0.01		0				
Phosphorus, Orthophosphorus	mg/L	49	0.01	0.12	0.03	0.02		23	<	0.01	<	0.05
Selenium, Total Recoverable	ug/L	62	0.0002	4	0.1619	0.7285		14	<	0.002	<	2
Silver, Potentially Dissolvable	mg/L	0						1	<	0.0002	<	0.0002
Silver, Total Recoverable	ug/L	1	9E-05	9E-05	9E-05			75	<	0.00005	<	5
Sodium Adsorption Ratio	RATIO	75	0.31	2.8	0.67	0.32		0				
Sodium, Dissolved	mg/L	75	8.8	85	26.6	11.6		0				
Solids, Settleable	mL/L	8	0.1	1.1	0.3	0.3		16	<	0.1	<	0.6
Solids, Total Suspended	mg/L	89	5	678	80.88764	124.0921		9	<	5	<	20
Specific Conductivity, Field	UMHOS/CM	282	179.2	4600	593.1	324.3		0				
Specific Conductivity, Lab	UMHOS/CM	99	205	1900	622.6566	202.4205		0				
Sulfates	mg/L	90	26	290	123.47	46.29563		0				
Sulfide	mg/L	0						1	<	0.1	<	0.1
Temperature, Field	Deg C	264	0.1	28.8	12.4	6.6		0				
Total Dissolved Solids, Lab	mg/L	78	150	3500	449.5898	365.4848		0				
Zinc, Potentially Dissolvable	mg/L	0						1	<	0.005	<	0.005
Zinc, Total Recoverable	ug/L	29	0.01	56	7.36	13.50		47	<	0.005	<	5

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - 16A

Sample Point: 16A
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 10/1/2022
 Township: 005N
 Range: 087W
 Section: 25
 Northing: 39083
 Easting: 9211
 Elevation: 6915
 Total Depth: 0



Ground and Surface Water Quality Statistics Report

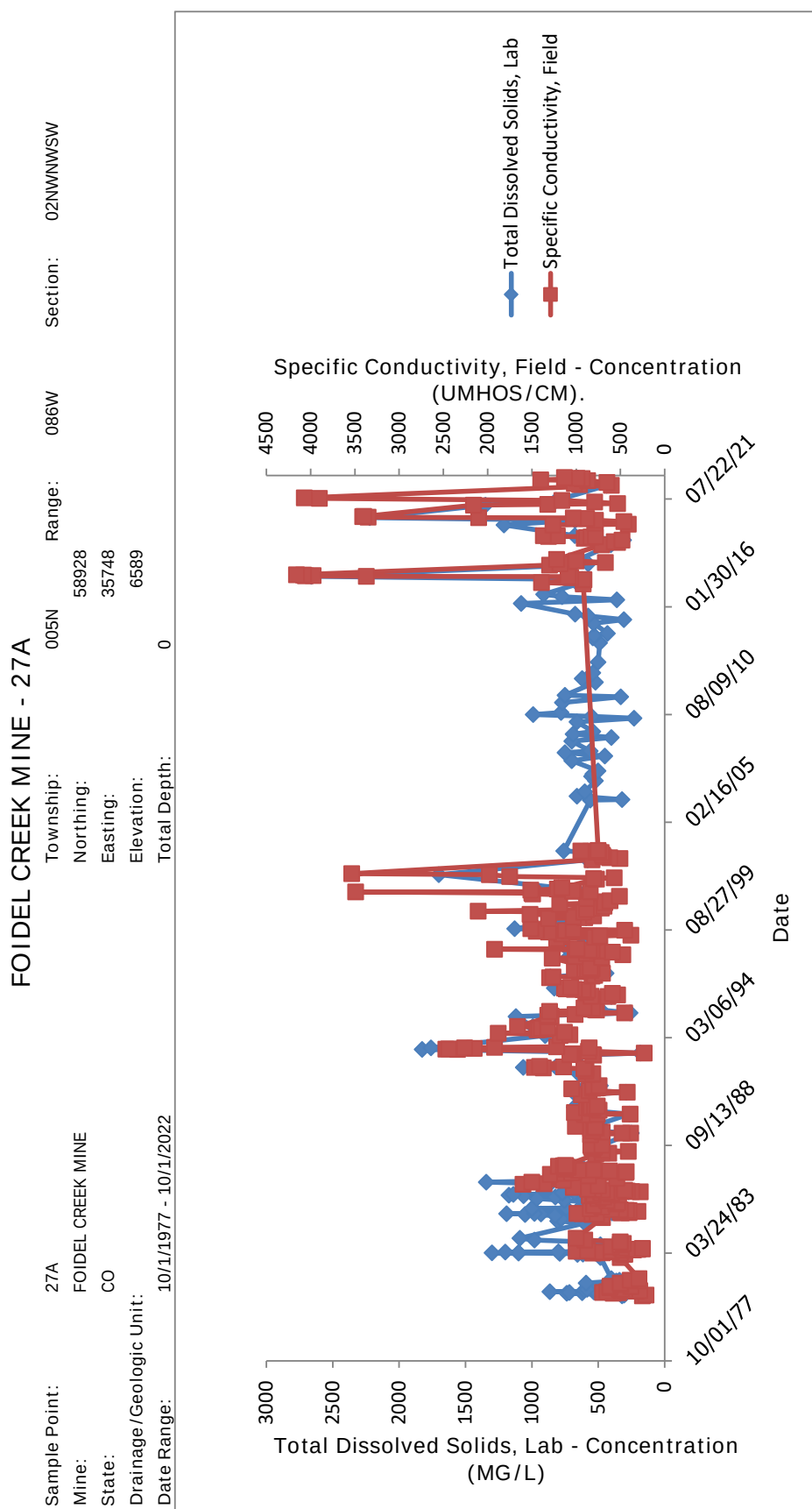
Sample Point 27A **Township** 005N **Range:** 086W **Section** 02NNWNWSW
Mine: FOIDEL CREEK MINE **Northing** 58928
State: CO **Easting** 35748
Drainage/Geologic Unit: **Elevation** 6589
Date Range 10/01/1978 to 9/30/2022

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max	Max	
Acidity	mg/L	0					2	<	4	<	4
Alkalinity as CaCO3, @ pH 4.5	mg/L	112	84	1190	242.4821	110.9096	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	222	78	1428	251.3308	104.5979	0				
Alkalinity, Carbonate as CaCO3	mg/L	100	0	84	14.911	11.85537	30	<	1	<	20
Alkalinity, Hydroxide as CaCO3	mg/L	0					15	<	2	<	10
Aluminum, Total	ug/L	37	110	26800	3682.432	5162.446	3	<	200	<	400
Aluminum, Total Recoverable	ug/L	1	810	810			0				
Ammonia Nitrogen	mg/L	28	0.001	0.12	0.023	0.035	87	<	0.001	<	3
Ammonium	mg/L	34	0.02	1.2	0.15	0.22	25	<	0.01	<	0.2
Arsenic, Total	ug/L	18	1	4	2.166667	1.150447	23	<	1	<	5
Arsenic, Total Recoverable	ug/L	1	1	1			0				
Barium, Total	ug/L	0					2	<	300	<	300
Bicarbonate as HCO3	mg/L	16	175	613	309.4375	125.2342	0				
Boron, Total	ug/L	1	100	100	100		2	<	100	<	100
Cadmium, Total	ug/L	4	5	8	6.75	1.258306	37	<	5	<	20
Cadmium, Total Recoverable	ug/L	26	6.9E-05	0.7	0.13855	0.19400	96	<	0.00005	<	5
Calcium, Dissolved	mg/L	222	27	307	73.53648	27.91246	0				
Calcium, Total Recoverable	mg/L	6	62	84	74.83334	8.658329	0				
Carbonate as CO3	mg/L	10	3.9	22.3	12.3	6.5	4	<	2	<	20
Chloride	mg/L	61	1	18	7.442623	4.645875	5	<	1	<	3
Copper, Total	ug/L	7	20	60	30	15.27525	33	<	10	<	30
Copper, Total Recoverable	ug/L	0					1	<	10	<	10
Flow	cfs	145	0	291.87	17.32	34.13	0				
Fluoride	mg/L	1	0.2	0.2	0.2		2	<	0.5	<	0.5
Hardness, Calcium	mg/L	117	4.9	713	391.2	132.7	1	<	2	<	2
Hydroxide as OH	mg/L	1	0	0	0		74	<	2	<	20
Iron, Total	ug/L	100	320	36750	5545.5	7004.997	0				
Iron, Total Recoverable	ug/L	122	0.4	16100	1188.6	2571.5	0				
Lead, Total	ug/L	9	20	60	32.22222	13.94433	31	<	20	<	200
Lead, Total Recoverable	ug/L	0					1	<	20	<	20

Magnesium, Dissolved	mg/L	222	13	232	51.46982	23.34348	0
Magnesium, Total Recoverable	mg/L	6	36	76	54.16667	14.09137	0
Manganese, Dissolved	ug/L	1	10	10	10		0
Manganese, Total	ug/L	100	30	810	174.02	150.174	0
Manganese, Total Recoverable	ug/L	121	0.027	323	54.251	66.614	1
Mercury, Total	ug/L	1	2	2	2		1
Mercury, Total Recoverable	ug/L	1	0.5	0.5	0.5		93
Molybdenum, Total	ug/L	0					68
Molybdenum, Total Recoverable	ug/L	5	0.01	20	8.01	10.95	40
Nitrate Nitrogen	mg/L	45	0.02	1.81	0.34	0.46	117
Nitrite Nitrogen	mg/L	8	0.01	0.07	0.04	0.02	29
NO3-NO2 Nitrogen	mg/L	161	0.005	3.32	0.692	0.756	32
pH Temperature	Deg C	61	18.1	24	21.3	1.3	61
pH, Field	S.U.	346	6.3	8.91	8.06	0.44	0
pH, Lab	S.U.	93	7.6	8.8	8.4	0.2	0
Phosphorus, Dissolved	mg/L	5	0.01	0.07	0.04	0.03	0
Phosphorus, Orthophosphorus	mg/L	90	0.006	0.17	0.037	0.028	67
Phosphorus, Phosphate	mg/L	2	0.04	0.07	0.06	0.02	2
Potassium, Dissolved	mg/L	41	1.3	7.2	2.6	1.0	0
Selenium, Total	ug/L	24	1	7	3.708333	1.731528	17
Selenium, Total Recoverable	ug/L	71	0.0002	9	0.7753	1.8060	51
Silver, Total Recoverable	ug/L	7	5E-05	0.1	0.0	0.1	116
Sodium Adsorption Ratio	RATIO	205	0.31	7.7	1.27	0.92	0
Sodium, Dissolved	mg/L	222	8	390	60.43694	50.07521	0
Sodium, Total Recoverable	mg/L	6	24	42	31.83333	7.574079	0
Solids, Settleable	mL/L	0					1
Solids, Total Suspended	mg/L	217	4	1692	140.5023	231.3133	4
Specific Conductivity, Field	UMHOS/CM	347	210	4160	975.2335	650.1731	0
Specific Conductivity, Lab	UMHOS/CM	133	297	2950	956.6316	420.0554	0
Sulfates	mg/L	226	10	1470	304.8938	208.2135	0
Temperature, Field	Deg C	347	0	29.3	14.5	7.7	0
Total Dissolved Solids, Lab	mg/L	222	182	2660	655.3378	313.7422	0
Zinc, Total	ug/L	30	9	160	39.76667	35.17413	11
Zinc, Total Recoverable	ug/L	62	0.01	140	20.32	23.43	60

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Ground and Surface Water Quality Statistics Report

Sample Point 29
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range 10/01/1978 to 9/30/2022

Township 005N
 Northing 53296
 Easting 42969
 Elevation 6667

Range: 086W Section 12NESE

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max	Count	Max
Acidity	mg/L	0					2	<	4	<	4
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	133	140	751	260.7143	69.62122	0				
Alkalinity, Bicarbonate as CaCO ₃	mg/L	299	91	660	272.455	84.42558	0				
Alkalinity, Carbonate as CaCO ₃	mg/L	128	0	117	14.01484	15.00306	42	<	1	<	20
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					20	<	2	<	10
Aluminum, Total	ug/L	6	200	1300	583.3333	487.5107	6	<	50	<	400
Aluminum, Total Recoverable	ug/L	20	90	6650	1202.5	1575.533	0				
Ammonia Nitrogen	mg/L	39	0	0.54	0.07	0.11	100	<	0.001	<	5
Ammonium	mg/L	37	0.02	1	0.14	0.19	26	<	0.01	<	0.2
Arsenic, Total	ug/L	0					14	<	1	<	5
Arsenic, Total Recoverable	ug/L	6	1	2	1.166667	0.4082483	14	<	1	<	1
Barium, Total	ug/L	0					3	<	200	<	300
Bicarbonate as HCO ₃	mg/L	21	209	774	339.1905	140.4093	0				
BOD	mg/L	31	2	6	2.967742	1.224306	40	<	2	<	2
Boron, Total	ug/L	5	60	800	252	310.6767	2	<	100	<	100
Cadmium, Dissolved	ug/L	0					2	<	0.005	<	0.1
Cadmium, Total	ug/L	2	6	10	8	2.828427	12	<	0.1	<	20
Cadmium, Total Recoverable	ug/L	31	5.6E-05	121	4.11619	21.69523	128	<	0.0005	<	5
Calcium, Dissolved	mg/L	299	21	402	131.1244	62.27779	0				
Calcium, Total Recoverable	mg/L	7	125	287	199	63.78349	0				
Carbon, Dissolved Organic	mg/L	70	3.6	12.7	5.8	1.4	0				
Carbon, Total Organic	mg/L	66	4.3	15.6	6.6	2.1	4	<	50	<	50
Carbonate as CO ₃	mg/L	20	3.6	70	13.2	15.8	0				
Chloride	mg/L	146	2	37	9.505616	5.742105	6	<	3	<	3
Copper, Total	ug/L	4	20	20	20	0	8	<	20	<	30
Copper, Total Recoverable	ug/L	2	10	10	10	0	18	<	10	<	10
Flow	cfs	169	0.07	56.57	9.00	9.89	0				
Fluoride	mg/L	3	0.1	0.2	0.1	0.1	4	<	0.5	<	0.5
Hardness, Calcium	mg/L	205	4.7	1782	680.8	352.0	0				
Hydroxide as OH	mg/L	0					88	<	2	<	20

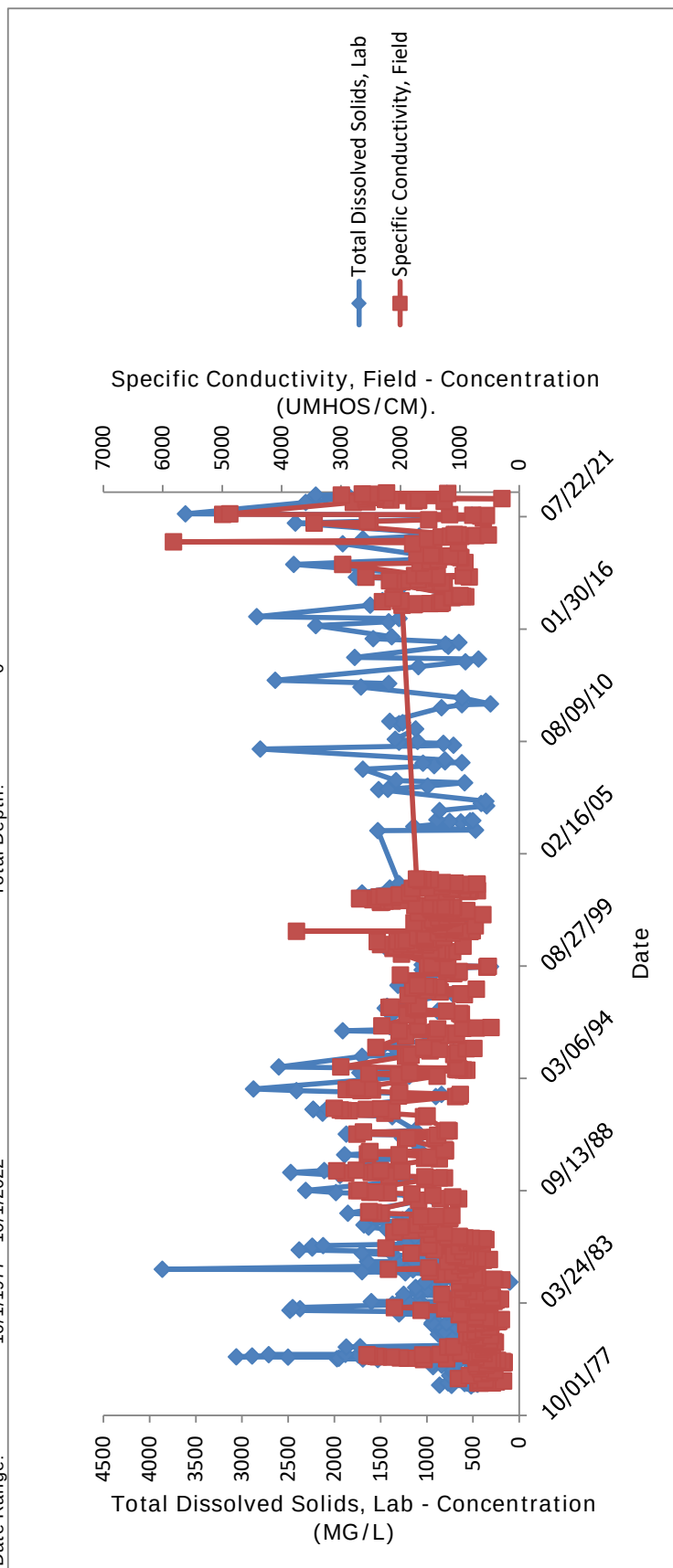
Iron, Dissolved	mg/L	1	330	330	330	330	1	<	0.01	<	0.01	<	0.01
Iron, Total	ug/L	177	30	96000	5667.74	12176.14	8	<	10	<	10	<	20
Iron, Total Recoverable	ug/L	160	0.22	11300	853.94	1648.27	2	<	20	<	20	<	20
Lead, Dissolved	mg/L	1	40	40	40	40	1	<	0.05	<	0.05	<	0.05
Lead, Total	ug/L	4	20	70	40	24.4949	10	<	20	<	20	<	200
Lead, Total Recoverable	ug/L	3	20	20	20	0	17	<	20	<	20	<	20
Magnesium, Dissolved	mg/L	299	18	242	80.03812	44.76275	0						
Magnesium, Total Recoverable	mg/L	7	71	202	130.7143	45.54015	0						
Manganese, Dissolved	ug/L	3	0.006	570	226.669	302.377	0						
Manganese, Total	ug/L	172	10	22500	518.9767	1898.239	13	<	10	<	10	<	20
Manganese, Total Recoverable	ug/L	162	0.05	1100	192.08	213.37	0						
Mercury, Dissolved	ug/L	0					2	<	0.0002	<	0.0002	<	0.1
Mercury, Total	ug/L	6	0.0002	3	1.0002	1.5490	75	<	0.0002	<	0.0002	<	5
Mercury, Total Recoverable	ug/L	3	0.2	0.4	0.3	0.1	89	<	0.0002	<	0.0002	<	0.4
Molybdenum, Dissolved	ug/L	0					2	<	0.05	<	0.05	<	50
Molybdenum, Total	ug/L	1	100	100	100		11	<	50	<	50	<	300
Molybdenum, Total Recoverable	ug/L	4	0.02	20	5.02	9.99	155	<	0.02	<	0.02	<	50
Nitrate Nitrogen	mg/L	59	0.02	1.16	0.31	0.32	29	<	0.02	<	0.02	<	0.02
Nitrite Nitrogen	mg/L	7	0.01	0.85	0.14	0.31	46	<	0.005	<	0.005	<	0.02
Nitrogen, TKN	mg/L	71	0.2	2.5	0.7	0.4	0						
NO3-NO2 Nitrogen	mg/L	214	0.013	6.5	1.014	1.075	70	<	0.005	<	0.005	<	0.5
pH Temperature	Deg C	91	17.9	27	21.3	1.5	0						
pH, Field	S.U.	609	6.2	18.8	7.9	0.6	0						
pH, Lab	S.U.	117	7.82	8.9	8.37	0.22	0						
Phosphorus, Dissolved	mg/L	6	0.03	0.07	0.05	0.02	0						
Phosphorus, Orthophosphorus	mg/L	129	0.006	0.6	0.048	0.076	38	<	0.005	<	0.005	<	0.022
Phosphorus, Phosphate	mg/L	3	0.03	0.15	0.08	0.06	1	<	0.03	<	0.03	<	0.03
Phosphorus, Total	mg/L	71	0.01	0.9	0.13	0.16	0						
Potassium, Dissolved	mg/L	82	1.3	6.5	3.5	1.2	0						
Selenium, Dissolved	ug/L	2	0.0004	1.4	0.7002	0.9897	1	<	1	<	1	<	1
Selenium, Total	ug/L	1	2	2	2		13	<	1	<	1	<	5
Selenium, Total Recoverable	ug/L	83	0.0001	8	0.5306	1.3643	77	<	0.0005	<	0.0005	<	10
Silver, Total	ug/L	0					3	<	30	<	30	<	40
Silver, Total Recoverable	ug/L	10	6E-05	1.3	0.3	0.5	128	<	0.0005	<	0.0005	<	5
Sodium Adsorption Ratio	RATIO	298	0.3463	17	1.3372	1.5253	0						
Sodium, Dissolved	mg/L	299	13	913	77.52509	84.45612	0						
Sodium, Total Recoverable	mg/L	7	34	148	86.28571	41.05977	0						
Solids, Settleable	mL/L	0					2	<	0.1	<	0.1	<	0.2
Solids, Total Suspended	mg/L	404	2	4560	146.5277	337.6704	16	<	2	<	2	<	20
Specific Conductivity, Field	UMHOS/CM	610	250	5820	1360.225	713.4452	0						

FOIDEL CREEK MINE - 29

Sample Point: 29
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 10/1/2022

Township: 005N
 Northing: 53296
 Easting: 42969
 Elevation: 6667
 Total Depth: 0

Section: 12NESE
 Range: 086W



Ground and Surface Water Quality Statistics Report

Sample Point 301 **Township** 005N **Range:** 085W **Section** 7NW/NESW
Mine: FOIDEL CREEK MINE **Northings** 52952
State: CO **Easting** 45463
Drainage/Geologic Unit: **Elevation** 6667
Date Range 10/01/1978 to 9/30/2022

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Alkalinity as CaCO3, @ pH 4.5	mg/L	117	0	217	130.0265	39.17493	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	135	0	430	147.923	45.85783	0				
Alkalinity, Carbonate as CaCO3	mg/L	83	0	29.5	7.4	5.5	45	< 1	< 20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					25	< 2	< 10		
Ammonia Nitrogen	mg/L	16	0.002	0.07	0.025	0.024	112	< 0.001	< 3		
Ammonium	mg/L	21	0.03	0.29	0.09	0.05	29	< 0.01	< 0.05		
Bicarbonate as HCO3	mg/L	26	74.9	234	173.1	35.5	0				
BOD	mg/L	27	2	76	6.111111	14.12399	40	< 2	< 2		
Cadmium, Potentially Dissolvable	mg/L	0					1	< 0.0005	< 0.0005		
Cadmium, Total Recoverable	ug/L	6	0.1	0.8	0.4	0.3	129	< 0.0005	< 5		
Calcium, Dissolved	mg/L	137	20.4	220	56.6	23.8	0				
Calcium, Total Recoverable	mg/L	3	51	84	65.66666	16.80278	0				
Carbon, Dissolved Organic	mg/L	66	1.4	16	4.3	2.1	0				
Carbon, Total Organic	mg/L	66	1.4	22	5.0	2.7	0				
Carbonate as CO3	mg/L	18	3	17.7	7.3	4.4	5	< 2	< 10		
Chloride	mg/L	1	2	2	2		1	< 1	< 1		
Copper, Potentially Dissolvable	mg/L	1	0.001	0.001	0.001		0				
Flow	cfs	76	1	181.24	38.28	39.39	0				
Hardness, Calcium	mg/L	48	12	780	248.2229	119.3257	1	< 2	< 2		
Hydroxide as OH	mg/L	0					90	< 2	< 20		
Iron, Total	ug/L	1	430	430	430		0				
Iron, Total Recoverable	ug/L	136	0.18	3080	301.06	505.65	0				
Magnesium, Dissolved	mg/L	137	8.7	100	30.2	13.2	0				
Magnesium, Total Recoverable	mg/L	3	22	41	32.66667	9.712535	0				
Manganese, Dissolved	ug/L	17	10	120	27.05882	26.63754	5	< 10	< 10		
Manganese, Total	ug/L	1	20	20	20		0				
Manganese, Total Recoverable	mg/L	156	0.016	161	27.088	33.972	1	< 0.01	< 0.01		
Mercury, Total	mg/L	0					70	< 0.0002	< 0.001		
Mercury, Total Recoverable	ug/L	2	0.2	1.1	0.7	0.6	63	< 0.0002	< 0.2		
Molybdenum, Total Recoverable	ug/L	3	0.01	0.02	0.01	0.01	132	< 0.02	< 50		

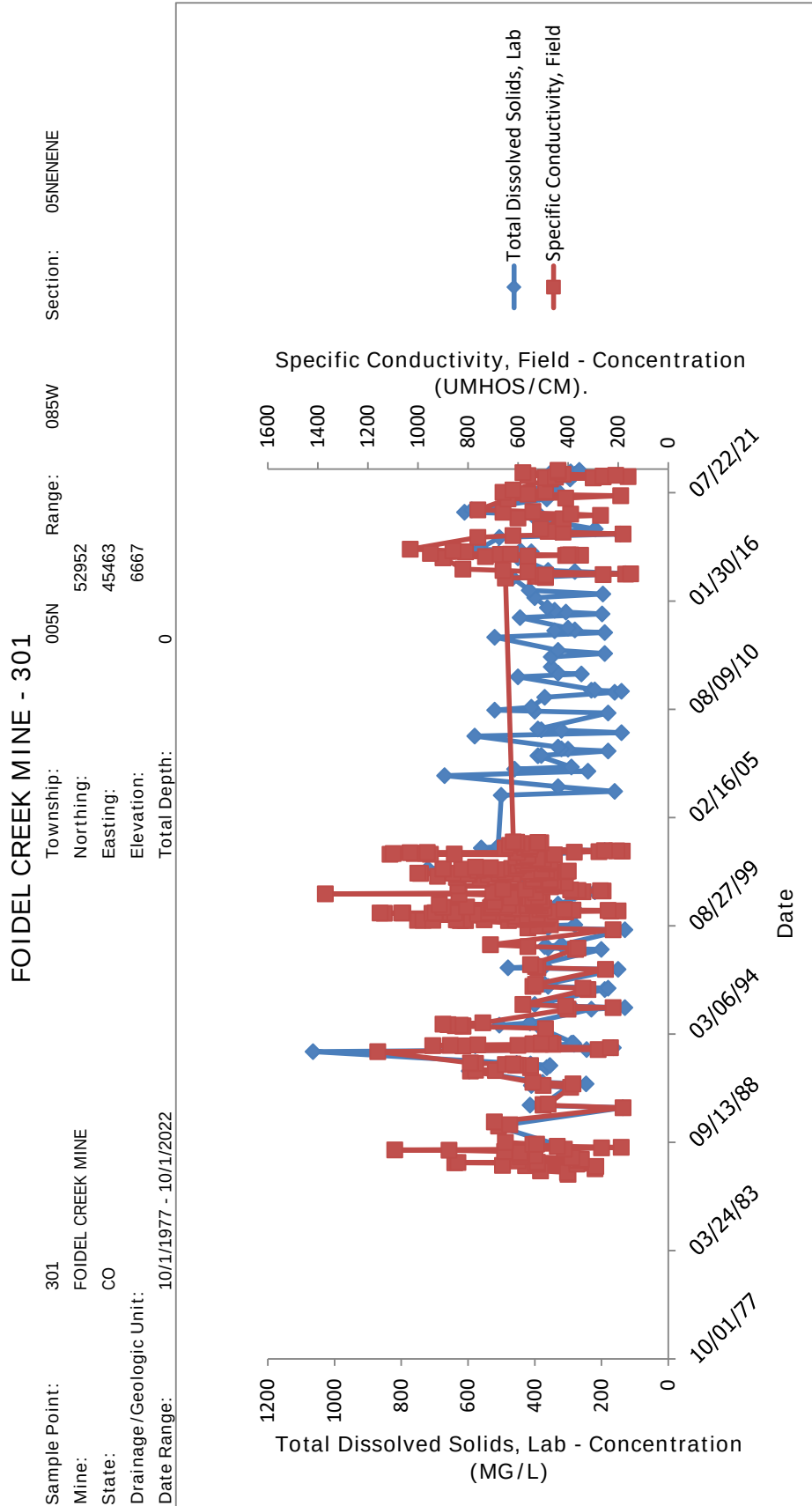
Nitrate Nitrogen	mg/L	35	0.02	2.63	0.16	0.44	30	<	0.02	<	0.02
Nitrite Nitrogen	mg/L	2	0.02	0.04	0.03	0.01	38	<	0.01	<	0.02
Nitrogen, TKN	mg/L	65	0.1	1	0.5	0.2	2	<	0.5	<	0.5
NO3-NO2 Nitrogen	mg/L	48	0.02	2.63	0.13	0.38	88	<	0.02	<	0.2
pH Temperature	Deg C	90	16.6	26	21.2	1.6	0				
pH, Field	S.U.	365	6.7	9.2	8.3	0.3	0				
pH, Lab	S.U.	123	6.8	9	8.4	0.3	0				
Phosphorus, Dissolved	mg/L	4	0.01	0.03	0.02	0.01	1	<	0.05	<	0.05
Phosphorus, Orthophosphorus	mg/L	89	0.005	0.11	0.023	0.018	42	<	0.005	<	0.05
Phosphorus, Phosphate	mg/L	2	0.03	0.04	0.04	0.01	2	<	0.03	<	0.03
Phosphorus, Total	mg/L	67	0.02	0.19	0.06	0.04	0				
Potassium, Dissolved	mg/L	2	3	3	3	0	0				
Selenium, Total Recoverable	ug/L	52	0.0001	6	0.4809	1.3208	83	<	0.0001	<	10
Silver, Potentially Dissolvable	mg/L	0					1	<	0.0003	<	0.0003
Silver, Total Recoverable	ug/L	1	0.2	0.2	0.2		134	<	0.0005	<	20
Sodium Adsorption Ratio	RATIO	137	0	1	0.2451328	0.09623245	0				
Sodium, Dissolved	mg/L	137	3	40	9.430073	5.002141	0				
Sodium, Total Recoverable	mg/L	3	7	22	14	7.549834	0				
Solids, Settleable	mL/L	0					1	<	0.2	<	0.2
Solids, Total Suspended	mg/L	150	2	154	19.36933	23.13029	53	<	2	<	20
Specific Conductivity, Field	UMHOS/CM	370	150	1370	583.4043	202.1807	0				
Specific Conductivity, Lab	UMHOS/CM	208	189	1270	537.4471	193.2654	0				
Sulfates	mg/L	223	21	702	168.4117	94.66756	1	<	5	<	5
Temperature, Field	Deg C	326	0.1	27.2	12.6	7.1	0				
Titanium, Total Recoverable	ug/L	1	24	24	24		0				
Total Dissolved Solids, Lab	mg/L	138	128	1064	359.8478	138.0591	0				
Zinc, Total Recoverable	ug/L	41	0.01	220	29.60	42.89	93	<	0.01	<	10

< - denotes value is below detectable limits

> - denotes value is above detectable limit

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Ground and Surface Water Quality Statistics Report

Sample Point 305
Mine: FOIDEL CREEK MINE
State: CO
Drainage/Geologic Unit: 10/01/1978 to 9/30/2022
Date Range

Township 005N
Northing 58411
Easting 33591
Elevation 6598

Range: 086W
Section 02NENWSW

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max	Max	
Alkalinity as CaCO3, @ pH 4.5	mg/L	44	100	551	246.6591	70.79349	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	52	122	672	264.2692	83.51731	0				
Alkalinity, Carbonate as CaCO3	mg/L	43	3	53	17.82791	11.54773	9	< 1	< 20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					9	< 2	< 10		
Ammonia Nitrogen	mg/L	5	0.005	0.12	0.065	0.054	45	< 0.001	< 0.5		
Ammonium	mg/L	2	0.08	0.15	0.12	0.05	0				
Bicarbonate as HCO3	mg/L	9	195	329	280.5555	42.3353	0				
Cadmium, Total Recoverable	ug/L	8	5E-05	0.0005	0.0002	0.0001	44	< 0.00005	< 2		
Calcium, Dissolved	mg/L	52	37	386	71.89808	46.90522	0				
Carbonate as CO3	mg/L	8	10.5	31.8	21.7	7.0	1	< 10	< 10		
Flow	cfs	16	0	96.6	16.0	28.3	0				
Hardness, Calcium	mg/L	2	330	342	336	8.485281	0				
Hydroxide as OH	mg/L	1	0	0	0		42	< 2	< 20		
Iron, Total Recoverable	ug/L	52	0.39	11000	440.78	1746.59	0				
Magnesium, Dissolved	mg/L	52	17	279	52.63077	34.85277	0				
Manganese, Total Recoverable	ug/L	52	0.03	190	16.19	38.86	0				
Mercury, Total	mg/L	0					42	< 0.0002	< 0.001		
Mercury, Total Recoverable	ug/L	0					10	< 0.0002	< 0.2		
Molybdenum, Total Recoverable	ug/L	0					52	< 0.02	< 50		
Nitrate Nitrogen	mg/L	7	0.02	0.16	0.06	0.05	2	< 0.02	< 0.02		
Nitrite Nitrogen	mg/L	0					7	< 0.02	< 0.02		
NO3-NO2 Nitrogen	mg/L	27	0.02	0.52	0.13	0.15	25	< 0.02	< 0.1		
pH Temperature	Deg C	49	18	25.1	21.2	1.5	0				
pH, Field	S.U.	42	7	8.6	8.2	0.3	0				
pH, Lab	S.U.	54	7.9	8.9	8.5	0.2	0				
Phosphorus, Dissolved	mg/L	2	0.02	0.03	0.03	0.01	1	< 0.05	< 0.05		
Phosphorus, Orthophosphorus	mg/L	36	0.01	0.32	0.04	0.05	13	< 0.005	< 0.05		
Selenium, Total Recoverable	ug/L	44	0.0002	7	0.2053	1.0906	8	< 1	< 10		
Silver, Total Recoverable	ug/L	3	6E-05	9E-05	.333334E-05	.527525E-05	49	< 0.00005	< 0.5		
Sodium Adsorption Ratio	RATIO	52	0.39	4.0472	1.2460	0.7061	0				

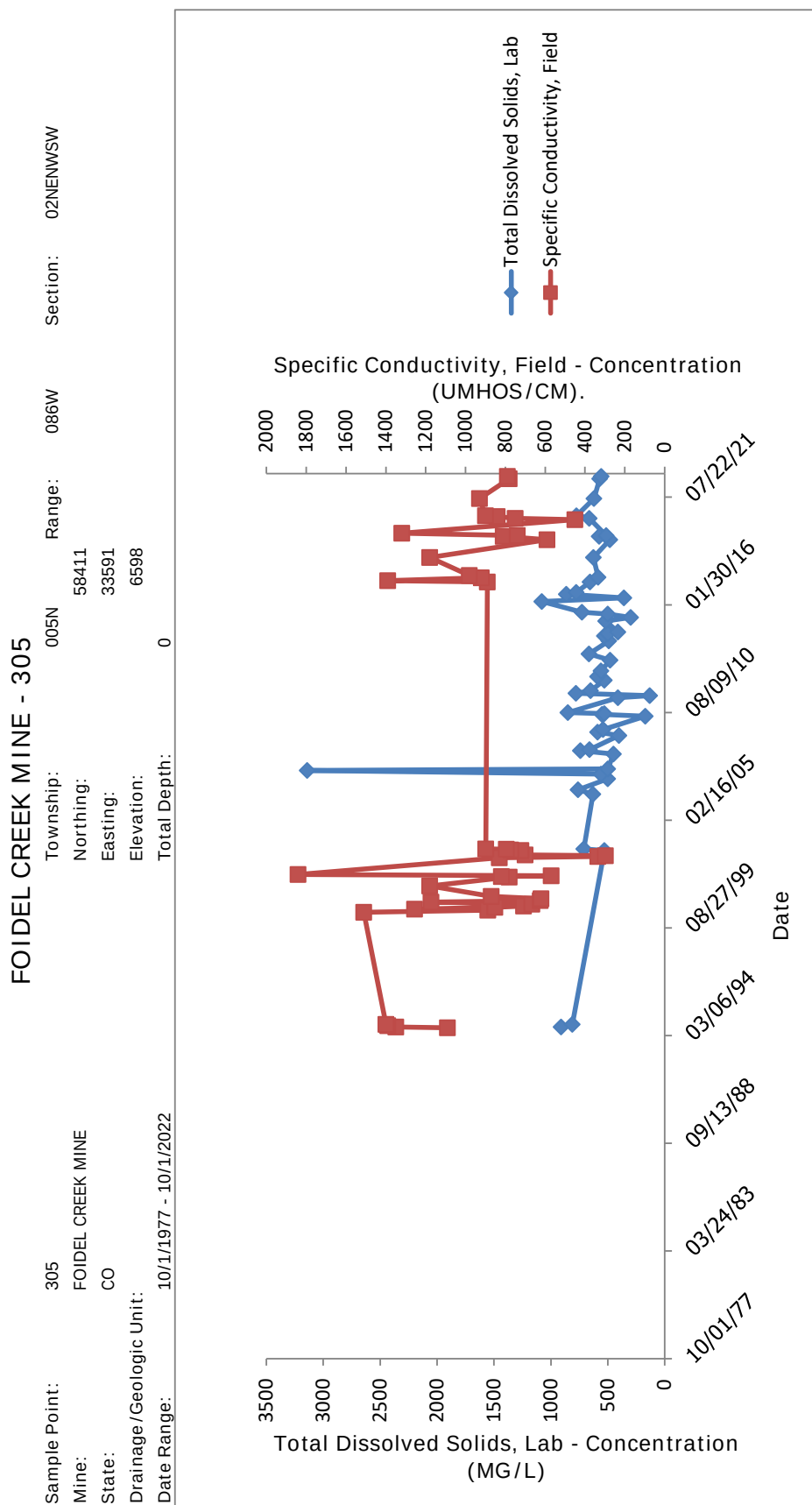
Sodium, Dissolved	mg/L	52	12	172	56.125	33.64309	0
Solids, Total Suspended	mg/L	52	6	880	82.67308	163.8238	0
Specific Conductivity, Field	UMHOS/CM	43	297	1840	911.5349	320.3658	0
Specific Conductivity, Lab	UMHOS/CM	56	310	3390	904.2321	410.9398	0
Sulfates	mg/L	53	62	1790	270.1509	232.4087	0
Temperature, Field	Deg C	43	0	30.8	16.4	9.2	0
Total Dissolved Solids, Lab	mg/L	52	130	3140	634.4615	393.4837	0
Zinc, Total Recoverable	ug/L	14	0.01	34	5.09	10.57	38
						0.01	<
							<
							10

< - denotes value is below detectable limit:

> - denotes value is above detectable limit:

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Ground and Surface Water Quality Statistics Report

Sample Point 69
Mine: FOIDEL CREEK MINE
State: CO
Drainage/Geologic Unit: 10/01/1978 to 9/30/2022
Date Range

Township 005N
Northing 61160
Easting 43577
Elevation 6586

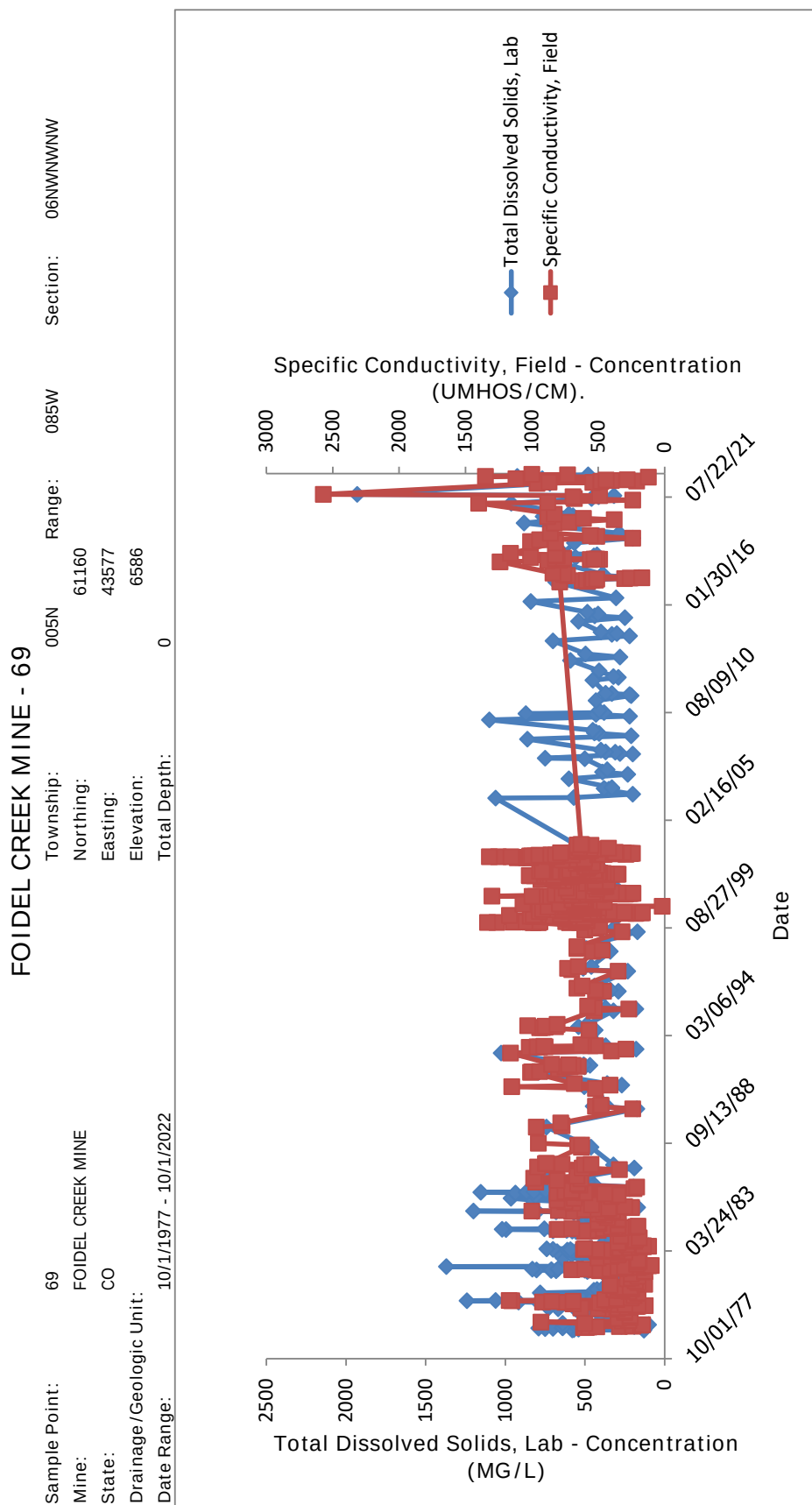
Range: 085W
Section 06NWNWNW

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Acidity	mg/L	1	4	4	4		2	<	4	<	4
Alkalinity as CaCO3, @ pH 4.5	mg/L	133	72	378	149.9203	42.57473	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	273	14.64	363.56	166.35	46.22	0				
Alkalinity, Carbonate as CaCO3	mg/L	127	0	86.4	14.1	13.7	41	<	1	<	20
Alkalinity, Hydroxide as CaCO3	mg/L	0					25	<	2	<	10
Aluminum, Dissolved	ug/L	0					1	<	300	<	300
Aluminum, Total	ug/L	4	300	21800	6575	10268.84	5	<	200	<	400
Ammonia Nitrogen	mg/L	27	0.001	0.17	0.048	0.052	112	<	0.001	<	3
Ammonium	mg/L	23	0.02	1.2	0.15	0.24	30	<	0.01	<	0.2
Arsenic, Total	ug/L	1	7	7	7		9	<	1	<	5
Barium, Total	ug/L	0					3	<	200	<	300
Bicarbonate as HCO3	mg/L	26	88.6	362	195.1	55.4	0				
BOD	mg/L	30	2	6	2.7	1.055364	41	<	2	<	2
Boron, Total	ug/L	4	10	300	150	124.0967	3	<	100	<	100
Cadmium, Total	ug/L	2	20	21	20.5	0.7071068	8	<	5	<	20
Cadmium, Total Recoverable	ug/L	11	8E-05	0.6	0.1	0.2	131	<	0.00005	<	5
Calcium, Dissolved	mg/L	278	15	1100	70.32338	67.86525	0				
Calcium, Total Recoverable	mg/L	3	41	69	54.66667	14.0119	0				
Carbon, Dissolved Organic	mg/L	69	1.1	9.8	4.4	1.5	1	<	5	<	5
Carbon, Total Organic	mg/L	65	2	20.1	5.3	2.5	5	<	50	<	50
Carbonate as CO3	mg/L	20	2.5	48.4	14.4	10.8	3	<	2	<	10
Chloride	mg/L	97	1	12	3.865979	2.271329	32	<	1	<	3
Copper, Total	ug/L	3	1	50	23.66667	24.70493	7	<	20	<	80
Flow	cfs	233	0.6	333	57.6	70.2	0				
Fluoride	mg/L	3	0.09	0.1	0.10	0.01	3	<	0.5	<	0.5
Hardness, Calcium	mg/L	182	14.4	853	318.1	151.1	1	<	2	<	2
Hydroxide as OH	mg/L	1	0	0	0		96	<	2	<	20
Iron, Total	ug/L	176	10	47400	2971.063	5940.367	1	<	20	<	20
Iron, Total Recoverable	ug/L	142	0.15	6900	363.69	819.47	0				
Lead, Total	ug/L	4	20	200	90	77.45966	6	<	20	<	200

Magnesium, Dissolved	mg/L	278	10	99	36.40036	16.94463	0					
Magnesium, Total Recoverable	mg/L	3	22	36	30	7.211102	0					
Manganese, Total	ug/L	168	10	8700	243.625	719.0186	7	<	10	<	20	
Manganese, Total Recoverable	ug/L	140	0.008	460	30.840	57.994	2	<	0.01	<	61	
Mercury, Total	ug/L	1	2	2	2		86	<	0.0002	<	5	
Mercury, Total Recoverable	ug/L	2	0.2	0.5	0.4	0.2	64	<	0.0002	<	0.2	
Molybdenum, Total	ug/L	0					10	<	0.2	<	300	
Molybdenum, Total Recoverable	ug/L	3	0.01	0.01	0.01	0	139	<	0.02	<	50	
Nitrate Nitrogen	mg/L	32	0.02	0.42	0.09	0.11	33	<	0.02	<	0.02	
Nitrite Nitrogen	mg/L	2	0.04	0.06	0.05	0.01	39	<	0.01	<	0.02	
Nitrogen, TKN	mg/L	71	0.1	1.5	0.5	0.3	0					
NO3-NO2 Nitrogen	mg/L	190	0.02	3.94	0.60	0.78	86	<	0.005	<	0.1	
pH Temperature	Deg C	100	16.6	26	21.3	1.5	0					
pH, Field	S.U.	737	6.3	9.01	8.11	0.49	0					
pH, Lab	S.U.	131	7.2	9.2	8.5	0.3	0					
Phosphorus, Dissolved	mg/L	6	0.01	0.07	0.03	0.02	0					
Phosphorus, Orthophosphorus	mg/L	102	0.006	0.35	0.028	0.037	44	<	0.005	<	0.05	
Phosphorus, Phosphate	mg/L	1	0.04	0.04	0.04	0.07	3	<	0.03	<	0.03	
Phosphorus, Total	mg/L	71	0.01	0.29	0.08	0.07	0					
Potassium, Dissolved	mg/L	70	0.9	5.7	2.2	1.0	0					
Selenium, Total	ug/L	1	3	3	3		9	<	1	<	5	
Selenium, Total Recoverable	ug/L	64	0.0001	5	0.2815	0.9994	78	<	0.0001	<	10	
Silver, Total	ug/L	1	0.3	0.3	0.3		3	<	30	<	40	
Silver, Total Recoverable	ug/L	2	0.1	0.9	0.5	0.6	140	<	0.00005	<	50	
Sodium Adsorption Ratio	RATIO	268	0.115	10	0.598	0.795	1	<	0.039	<	0.039	
Sodium, Dissolved	mg/L	277	3	467	25.457	35.77688	1	<	1	<	1	
Sodium, Total Recoverable	mg/L	3	9	22	14.66667	6.658328	0					
Solids, Settleable	mL/L	0					2	<	0.1	<	0.2	
Solids, Total Suspended	mg/L	350	1	1640	83.8844	165.8934	53	<	2	<	20	
Specific Conductivity, Field	UMHOS/CM	780	17	2570	602.7003	245.4257	0					
Specific Conductivity, Lab	UMHOS/CM	216	226	2600	672.0231	275.0498	0					
Sulfates	mg/L	367	7	1010	223.1283	135.0338	0					
Temperature, Field	Deg C	692	0	29.9	11.5	6.9	0					
Total Dissolved Solids, Lab	mg/L	336	100	1930	475.8958	233.7118	0					
Zinc, Total	ug/L	7	0.241	60	21.463	19.259	3	<	5	<	10	
Zinc, Total Recoverable	ug/L	45	0.01	566	27.91	83.36	97	<	0.01	<	10	

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Ground and Surface Water Quality Statistics Report

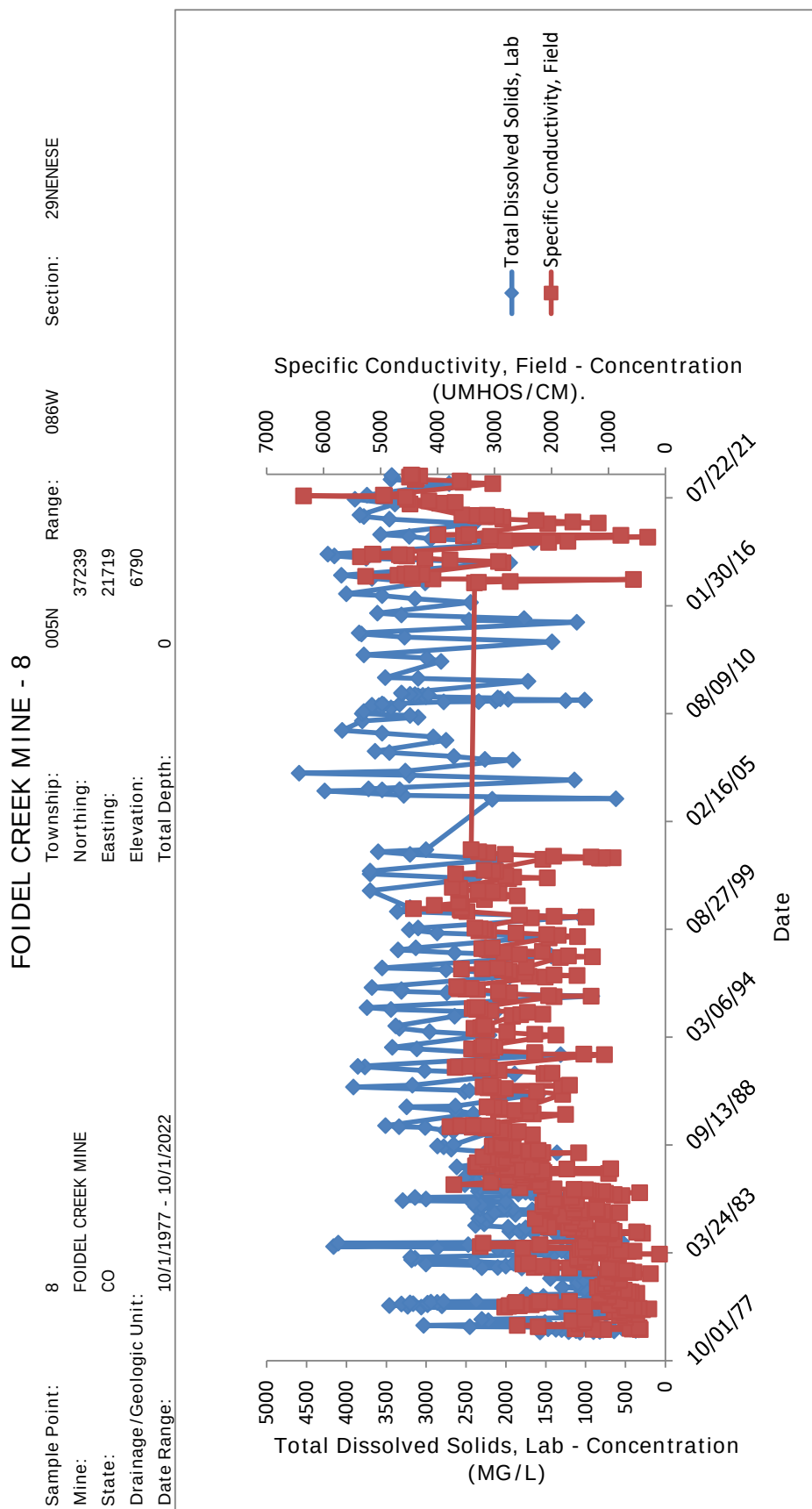
Sample Point 8
Mine: FOIDEL CREEK MINE
State: CO
Drainage/Geologic Unit: 10/01/1978 to 9/30/2022
Date Range

Township 005N
Northing 37239
Easting 21719
Elevation 6790

Range: 086W
Section 29NENESE

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Acidity	mg/L	1	31	31	31		2	<	4	<	4
Alkalinity as CaCO3, @ pH 4.5	mg/L	137	128	815	313.5693	116.465	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	297	115.9	900	338.9	115.5	0				
Alkalinity, Carbonate as CaCO3	mg/L	92	0	99.4	20.6	18.0	70	<	1	<	20
Alkalinity, Hydroxide as CaCO3	mg/L	0					19	<	2	<	10
Aluminum, Total	ug/L	45	70	26000	2144.222	5051.428	5	<	50	<	400
Aluminum, Total Recoverable	ug/L	3	70	990	393.3333	517.3329	0				
Ammonia Nitrogen	mg/L	46	0	44	1.018239	6.478858	105	<	0.001	<	0.5
Ammonium	mg/L	51	0.02	0.7	0.12	0.10	14	<	0.01	<	0.2
Arsenic, Total	ug/L	13	1	13	2.307692	3.275785	39	<	0.002	<	5
Arsenic, Total Recoverable	ug/L	1	1	1	1		2	<	1	<	1
Barium, Total	ug/L	0					3	<	200	<	300
Barium, Total Recoverable	ug/L	2	30	40	35	7.071068	1	<	10	<	10
Bicarbonate as HCO3	mg/L	20	260	883	466	201.2011	0				
Boron, Dissolved	ug/L	3	150	200	183.3333	28.86751	0				
Boron, Total	ug/L	5	120	700	274	240.5826	1	<	100	<	100
Cadmium, Dissolved	ug/L	0					1	<	0.1	<	0.1
Cadmium, Potentially Dissolvable	mg/L	0					1	<	0.0005	<	0.0005
Cadmium, Total	ug/L	2	7	28	17.5	14.84924	49	<	5	<	20
Cadmium, Total Recoverable	ug/L	18	6E-05	4.2	0.6	1.0	136	<	0.00005	<	5
Calcium, Dissolved	mg/L	299	65	770	243.9843	98.68556	0				
Calcium, Total Recoverable	mg/L	7	200	320	284.7143	42.7579	0				
Carbonate as CO3	mg/L	16	3.4	59.6	24.7	16.8	3	<	2	<	2
Chloride	mg/L	115	3	54	17.25217	11.00864	0				
Chromium, Total Recoverable	ug/L	0					3	<	10	<	10
Copper, Potentially Dissolvable	mg/L	1	0.0049	0.0049	0.0049		0				
Copper, Total	ug/L	8	2	60	22.75	18.75976	44	<	10	<	30
Copper, Total Recoverable	ug/L	0					3	<	10	<	10
Flow	cfs	231	0	52	3.606879	5.567065	0				
Fluoride	mg/L	7	0	0.3	0.2	0.1	3	<	0.5	<	0.5

Att-03-93



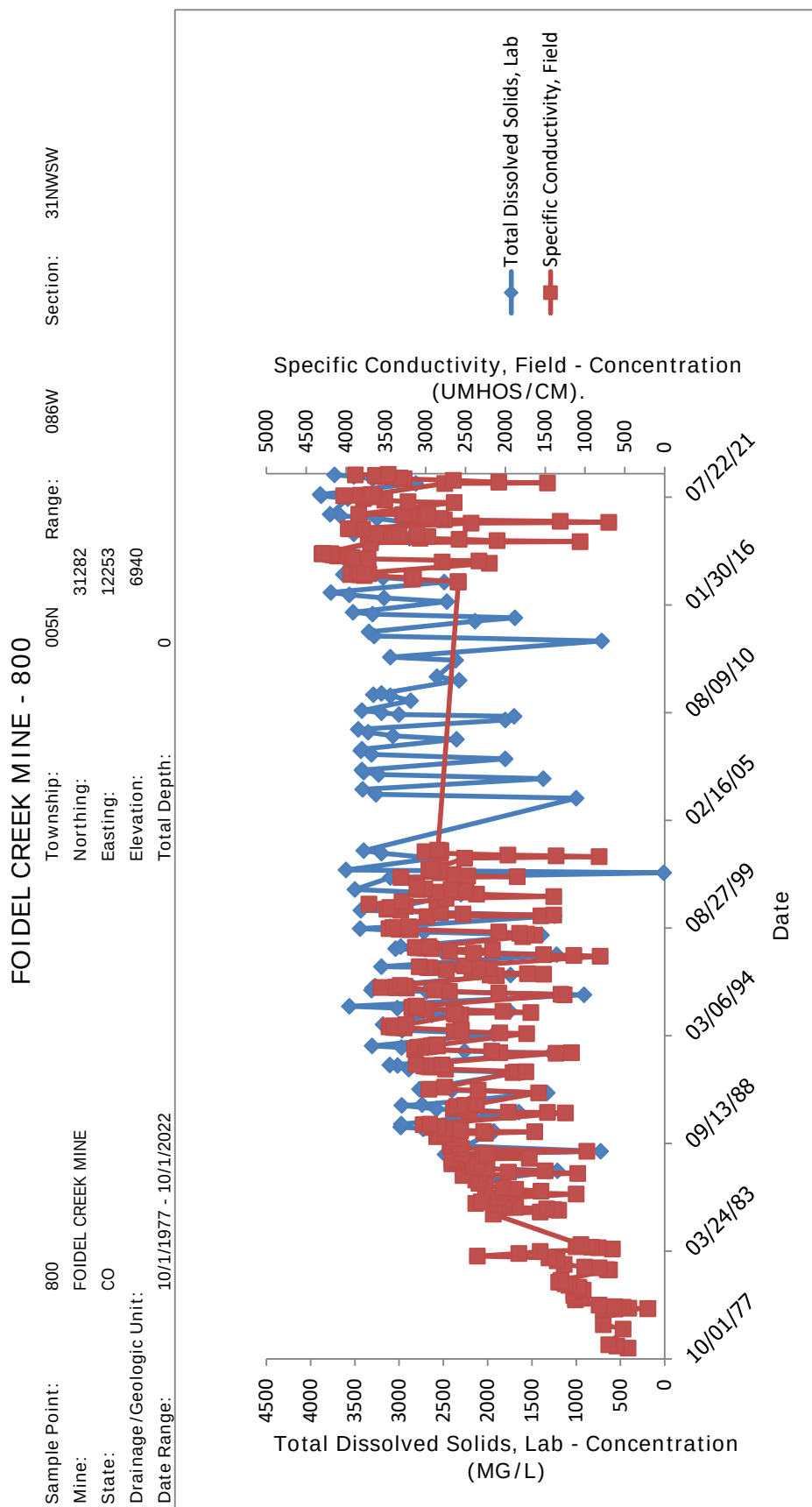
Ground and Surface Water Quality Statistics Report

Sample Point	800	Township	005N	Range:	086W	Section	31NWSW
Mine:	FOIDEL CREEK MINE	Northing	31282				
State:	CO	Easting	12253				
Drainage/Geologic Unit:		Elevation	6940				
Date Range	10/01/1978 to 9/30/2022						
Param Description	Units	Uncensored Data			Censored Data		
		Count	Min	Max	Mean	Std.Dev.	Count
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	155	108	476	270.4452	82.3991	0
Alkalinity, Bicarbonate as CaCO ₃	mg/L	125	108	564	325.7264	102.9465	0
Alkalinity, Carbonate as CaCO ₃	mg/L	19	0	31	7.736842	8.388564	83 < 1 < 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					19 < 2 < 10
Aluminum, Dissolved	ug/L	8	10	220	43.75	71.90023	4 < 1 < 10
Aluminum, Total Recoverable	ug/L	18	70	9300	2286.111	3012.045	0
Ammonia Nitrogen	mg/L	44	0.001	0.46	0.094	0.116	89 < 0.001 < 0.5
Ammonium	mg/L	39	0.031	0.285	0.127	0.061	18 < 0.01 < 0.05
Arsenic, Dissolved	ug/L	7	1	1	1	0	1 < 1 < 1
Arsenic, Total	ug/L	14	1	5	2.214286	1.476929	0
Bicarbonate as HCO ₃	mg/L	20	132	580	304.7	144.7641	0
Boron, Dissolved	ug/L	39	20	630	90.51282	93.891	0
Boron, Total	ug/L	11	50	130	83.63636	26.56039	0
Cadmium, Dissolved	ug/L	1	2	2	2		8 < 0.1 < 3
Cadmium, Total Recoverable	ug/L	17	0.0001	3	0.7765	0.8685	121 < 0.00005 < 5
Calcium, Dissolved	mg/L	174	25	730	275.2425	112.7292	0
Calcium, Total Recoverable	mg/L	1	322	322	322		0
Carbonate as CO ₃	mg/L	1	281	281	281		17 < 2 < 20
Chloride	mg/L	56	1.1	56	12.3	9.9	0
Copper, Dissolved	ug/L	8	1	8	3.75	2.12132	0
Copper, Total Recoverable	ug/L	14	2	24	8.428572	6.060138	0
Flow	cfs	180	0.01	56	2.76	6.37	0
Fluoride	mg/L	50	0.1	0.4	0.2	0.1	2 < 0.1 < 0.1
Hardness	mg/L	3	560	1300	1020	401.4972	0
Hardness, Calcium	mg/L	100	100	2632	1205.74	663.1165	3 < 2 < 2
Hydroxide as OH	mg/L	0					76 < 2 < 20
Iron, Dissolved	ug/L	47	10	460	51.25532	69.43326	2 < 9 < 10
Iron, Total Recoverable	ug/L	174	0.03	33000	1060.08	3425.05	3 < 0.1 < 100
Lead, Dissolved	ug/L	10	1	40	7.1	11.9485	3 < 1 < 1
Lead, Total Recoverable	ug/L	16	1	29	8.3125	9.357484	2 < 1 < 1

Magnesium, Dissolved	mg/L	175	10	502	217.9806	122.8393	0					
Magnesium, Total Recoverable	mg/L	1	237	237	237		0					
Manganese, Dissolved	ug/L	33	10	1500	293.6364	308.1124	0					
Manganese, Total Recoverable	ug/L	159	0.02	1500	178.41	226.69	2	<	10	<	30	
Mercury, Dissolved	ug/L	1	0.1	0.1	0.1		8	<	0.1	<	0.1	
Mercury, Total	mg/L	0					55	<	0.0002	<	0.001	
Mercury, Total Recoverable	ug/L	13	0.1	0.2	0.1	0.0	69	<	0.0002	<	1	
Molybdenum, Dissolved	ug/L	2	2	2	2	0	7	<	1	<	50	
Molybdenum, Total Recoverable	ug/L	20	0.01	76	8.05	18.28	117	<	0.02	<	50	
Nitrate Nitrogen	mg/L	38	0.02	1.91	0.22	0.35	24	<	0.02	<	0.02	
Nitrite Nitrogen	mg/L	12	0.01	0.1	0.03	0.03	43	<	0.01	<	0.02	
NO3-NO2 Nitrogen	mg/L	99	0.02	66	2.15	8.02	71	<	0.01	<	0.1	
pH Temperature	Deg C	64	17.2	25	21.2	1.5	0					
pH, Field	S.U.	310	6.8	9.2	7.9	0.4	0					
pH, Lab	S.U.	95	7.68	8.7	8.14	0.19	0					
Phosphorus, Dissolved	mg/L	4	0.01	0.03	0.02	0.01	1	<	0.05	<	0.05	
Phosphorus, Orthophosphorus	mg/L	90	0.006	0.21	0.030	0.035	74	<	0.005	<	0.05	
Phosphorus, Phosphate	mg/L	1	0.03	0.03	0.03		3	<	0.03	<	0.03	
Potassium, Dissolved	mg/L	56	2.1	8.8	4.6	1.3	0					
Selenium, Dissolved	ug/L	4	1	2	1.75	0.5	5	<	1	<	1	
Selenium, Total	ug/L	14	1	2	1.142857	0.3631365	8	<	1	<	1	
Selenium, Total Recoverable	ug/L	50	0.0001	12	0.8803	2.5922	66	<	0.0002	<	20	
Silver, Total Recoverable	ug/L	9	0.1	1	0.7	0.4	115	<	0.00005	<	5	
Sodium Adsorption Ratio	RATIO	178	0.057	3200	18.575	239.805	0					
Sodium, Dissolved	mg/L	174	6.1	160	50.4	19.7	0					
Sodium, Total Recoverable	mg/L	1	44	44	44		0					
Solids, Settleable	mL/L	0					1	<	0.2	<	0.2	
Solids, Total Suspended	mg/L	146	2	2400	98.73972	271.2184	29	<	2	<	20	
Specific Conductivity, Field	UMHOS/CM	314	210	4300	2505.742	914.334	0					
Specific Conductivity, Lab	UMHOS/CM	158	660	4400	2546.968	892.0516	0					
Sulfates	mg/L	174	66	2700	1396.506	748.4758	0					
Temperature, Field	Deg C	307	0	27.8	13.6	6.6	0					
Total Dissolved Solids, Lab	mg/L	125	8	3890	2761.12	799.3903	0					
Zinc, Dissolved	ug/L	10	3	100	18.5	29.39482	2	<	12	<	12	
Zinc, Total Recoverable	ug/L	54	0.01	240	29.23	36.09	86	<	0.01	<	50	

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Ground and Surface Water Quality Statistics Report

Sample Point	87	Township	005N	Range:	086W	Section	29 SSE
Mine:	FOIDEL CREEK MINE	Northing	35098				
State:	CO	Easting	20538				
Drainage/Geologic Unit:		Elevation	6830				
Date Range	10/01/1978 to 9/30/2022						

Param Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	2	55	91	73	25.45584	0		
Alkalinity, Bicarbonate as CaCO ₃	mg/L	2	67	111	89	31.1127	0		
Alkalinity, Carbonate as CaCO ₃	mg/L	0					2	< 20	< 20
Ammonia Nitrogen	mg/L	0					2	< 0.5	< 0.5
Arsenic, Total	mg/L	21	0.0004	0.0018	0.0008	0.0003	2	< 0.0002	< 0.002
Arsenic, Total Recoverable	ug/L	0					1	< 1	< 1
Boron, Dissolved	ug/L	1	290	290	290		0		
Cadmium, Dissolved	ug/L	0					1	< 5	< 5
Cadmium, Potentially Dissolvable	ug/L	1	0.0002	0.0002	0.0002		21	< 0.0005	< 5
Cadmium, Total	ug/L	0					1	< 5	< 5
Cadmium, Total Recoverable	ug/L	0					3	< 0.0005	< 5
Calcium, Dissolved	mg/L	209	19	671	378.2301	135.9504	0		
Chromium, Potentially Dissolvable	mg/L	0					24	< 0.0005	< 0.02
Chromium-6, Dissolved	mg/L	0					20	< 0.005	< 0.02
Copper, Dissolved	ug/L	0					1	< 1	< 1
Copper, Potentially Dissolvable	ug/L	47	0.0006	41	3.2559	6.6050	69	< 0.01	< 5
Copper, Total	ug/L	2	6	35	20.5	20.5061	0		
Copper, Total Recoverable	ug/L	98	1	60	5.030612	8.832291	96	< 1	< 10
Flow	cfs	459	0	3.62	0.31	0.58	0		
Hardness, Calcium	mg/L	207	148	3640	2226.536	777.555	0		
Hydroxide as OH	mg/L	0					2	< 20	< 20
Iron, Dissolved	ug/L	1	30	30	30		0		
Iron, Total	ug/L	200	0.04	120000	1478.03	9050.89	6	< 0.06	< 80
Iron, Total Recoverable	ug/L	312	0.04	7270	184.37	477.31	33	< 0.06	< 50
Lead, Dissolved	ug/L	0					1	< 20	< 20
Lead, Potentially Dissolvable	mg/L	9	0.0001	0.0006	0.0003	0.0002	14	< 0.0001	< 0.0005
Lead, Total	ug/L	1	20	20	20		0		
Lead, Total Recoverable	ug/L	0					1	< 20	< 20
Magnesium, Dissolved	mg/L	208	9	550	312.5476	114.4086	0		
Manganese, Dissolved	ug/L	72	10	1820	628.0555	497.7234	6	< 10	< 10

Manganese, Potentially Dissolvable	ug/L	11	0.035	150	51.305	60.589	1	<	5	<	5
Manganese, Total	ug/L	181	50	2220	985.5635	620.5958	2	<	20	<	100
Manganese, Total Recoverable	ug/L	310	0.06	7500	622.45	963.01	10	<	10	<	30
Mercury, Dissolved	ug/L	0					1	<	0.2	<	0.2
Mercury, Total	ug/L	2	0.5	1.2	0.9	0.5	13	<	0.0002	<	0.2
Mercury, Total Recoverable	ug/L	0					1	<	0.2	<	0.2
Molybdenum, Total Recoverable	mg/L	0					2	<	0.05	<	0.1
Nickel, Potentially Dissolvable	mg/L	2	0.0038	0.008	0.0059	0.0030	21	<	0.008	<	0.05
NO3-NO2 Nitrogen	mg/L	0					2	<	0.1	<	0.1
Oil & Grease	mg/L	0					1	<	1	<	1
pH Temperature	Deg C	55	17	25	21.23454	1.744326	0				
pH, Field	S.U.	630	5.9	9.8	7.7	0.5	0				
pH, Lab	S.U.	102	7.3	8.6	8.1	0.3	0				
Phenol	mg/L	0					1	<	0.02	<	0.02
Phosphorus, Orthophosphorus	mg/L	1	0.02	0.02	0.02		1	<	0.05	<	0.05
Selenium, Potentially Dissolvable	mg/L	23	0.0003	0.0203	0.0033	0.0052	0				
Selenium, Total Recoverable	ug/L	2	0.0004	0.0052	0.0028	0.0034	1	<	2	<	2
Silver, Dissolved	ug/L	0					1	<	0.1	<	0.1
Silver, Potentially Dissolvable	ug/L	8	0.5	1.2	0.9	0.3	80	<	0.0003	<	30
Silver, Total	ug/L	0					1	<	0.1	<	0.1
Silver, Total Recoverable	ug/L	6	0.0001	0.8	0.2000	0.2966	10	<	0.0003	<	0.5
Sodium Adsorption Ratio	RATIO	2	0.89	1.09	0.99	0.14	0				
Sodium, Dissolved	mg/L	2	40.2	138	89.1	69.2	0				
Solids, Settleable	mL/L	17	0.1	2	0.4	0.5	445	<	0.1	<	0.6
Solids, Total Suspended	mg/L	417	2	3200	30.99281	166.5793	134	<	2	<	20
Specific Conductivity, Field	UMHOS/CM	631	420	6240	3225.87	1016.693	0				
Specific Conductivity, Lab	UMHOS/CM	211	568	5980	3250.839	1200.314	0				
Sulfates	mg/L	2	300	3080	1690	1965.757	0				
Temperature, Field	Deg C	632	1	26	11.31883	6.30209	0				
Total Dissolved Solids, Lab	mg/L	396	610	5210	3684.126	865.7974	0				
Zinc, Dissolved	ug/L	1	20	20	20		0				
Zinc, Potentially Dissolvable	mg/L	5	0.01	0.15	0.07	0.06	18	<	0.01	<	0.05
Zinc, Total	ug/L	2	15	20	17.5	3.535534	0				
Zinc, Total Recoverable	ug/L	135	0.01	210	24.81	27.15	60	<	0.1	<	10

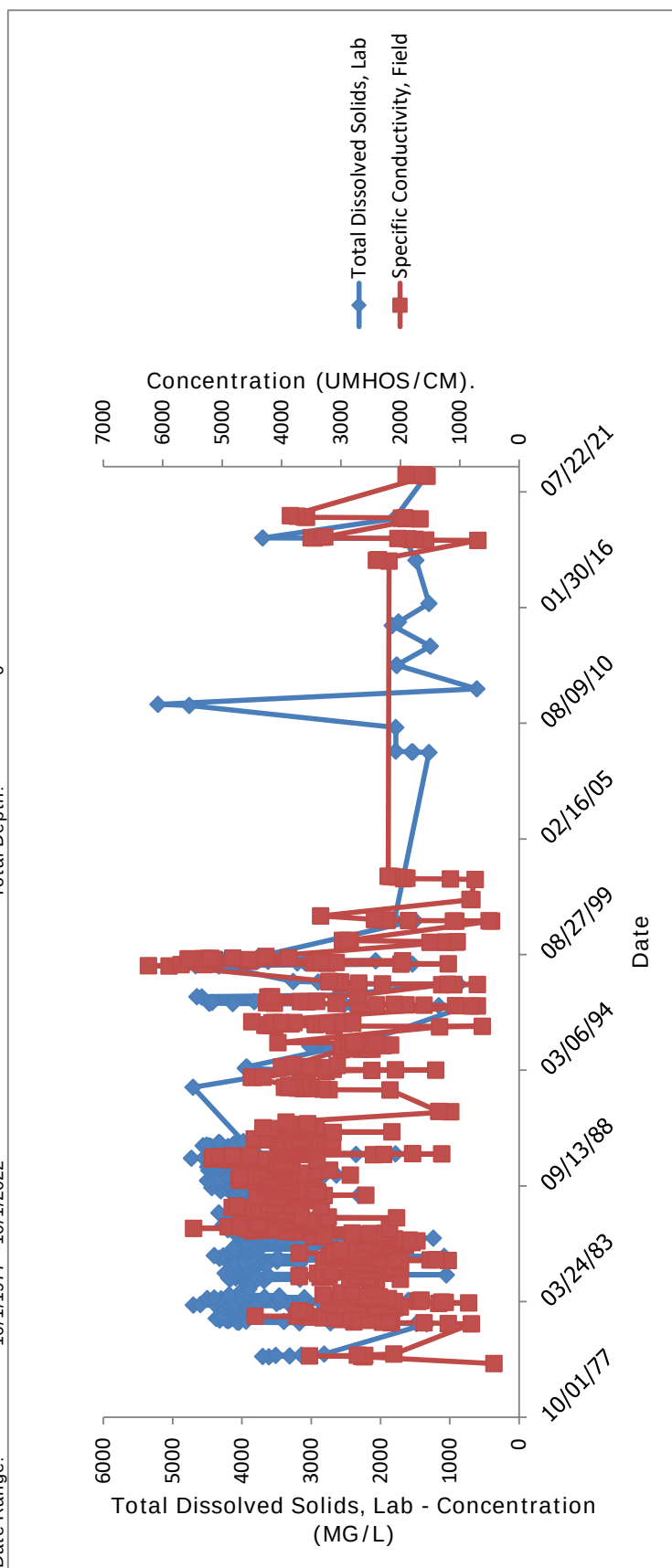
< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - 87

Sample Point: 87
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 10/1/2022

Township: 005N
 Range: 086W
 Section: 29 SSE
 Northing: 35098
 Easting: 20538
 Elevation: 6830
 Total Depth: 0



Ground and Surface Water Quality Statistics Report

Sample Point 900 **Township** 005N **Range:** 086W **Section** 14SENE
Mine: FOIDEL CREEK MINE **Northing** 47937
State: CO **Easting** 38237
Drainage/Geologic Unit: **Elevation** 6730
Date Range 10/01/1978 to 9/30/2022

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Alkalinity as CaCO3, @ pH 4.5	mg/L	152	74	752	292.5724	102.3497	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	135	106	790	354.76	99.30153	0				
Alkalinity, Carbonate as CaCO3	mg/L	71	0	116	20.7324	21.10194	36	< 1	< 20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					19	< 2	< 10		
Ammonia Nitrogen	mg/L	68	0.001	0.77	0.122	0.145	76	< 0.001	< 0.5		
Ammonium	mg/L	40	0.02	1.2	0.15	0.19	16	< 0.01	< 0.05		
Bicarbonate as HCO3	mg/L	20	268	807	452.55	163.659	0				
Boron, Dissolved	ug/L	7	80	160	128.5714	29.68084	0				
Boron, Total	ug/L	19	60	210	108.9474	41.48557	0				
Cadmium, Dissolved	ug/L	1	1	1	1		2	< 0.1	< 1		
Cadmium, Total	ug/L	0					3	< 1	< 2		
Cadmium, Total Recoverable	ug/L	13	6E-05	1	0.246268	0.364186	114	< 0.00005	< 5		
Calcium, Dissolved	mg/L	181	45	430	197.5182	87.0499	0				
Calcium, Total Recoverable	mg/L	1	290	290	290		0				
Carbonate as CO3	mg/L	18	6.4	69.3	26.8	17.4	1	< 2	< 2		
Chloride	mg/L	58	5.4	31	15.1	7.1	0				
Copper, Total Recoverable	ug/L	17	2	31	12.82353	8.255569	0				
Flow	cfs	198	0	82	6.198799	11.57576	0				
Fluoride	mg/L	26	0.2	0.3	0.2	0.0	1	< 0.1	< 0.1		
Hardness	mg/L	3	570	1900	1140	685.0547	0				
Hardness, Calcium	mg/L	105	10.1	2170	1129.9	500.1	0				
Hydroxide as OH	mg/L	0					82	< 2	< 20		
Iron, Dissolved	ug/L	40	10	2100	110.725	337.0381	3	< 10	< 10		
Iron, Total	mg/L	1	0.69	0.69	0.69		0				
Iron, Total Recoverable	ug/L	179	0.11	68000	1925.97	7072.52	1	< 20	< 20		
Lead, Dissolved	ug/L	1	60	60	60		0				
Magnesium, Dissolved	mg/L	182	16	325	142.9423	72.8125	0				
Magnesium, Total Recoverable	mg/L	1	221	221	221		0				
Manganese, Dissolved	ug/L	9	70	1900	527.7778	679.4626	0				
Manganese, Total Recoverable	ug/L	161	0.029	1800	269.585	364.381	0				

Mercury, Dissolved	ug/L	0	0.0002	0.2	0.1001	0.1413	3	<	0.1	<	0.1
Mercury, Total	ug/L	2					63	<	0.0002	<	0.1
Mercury, Total Recoverable	ug/L	11	0.1	0.5	0.2	0.1	64	<	0.0002	<	0.2
Molybdenum, Dissolved	ug/L	0					1	<	50	<	50
Molybdenum, Total Recoverable	ug/L	10	0.02	20	3.31	6.07	119	<	0.02	<	50
Nitrate Nitrogen	mg/L	46	0.02	28	0.86	4.11	15	<	0.02	<	0.02
Nitrite Nitrogen	mg/L	23	0.01	0.14	0.04	0.04	37	<	0.01	<	0.02
NO3-NO2 Nitrogen	mg/L	114	0.02	6.4	0.91	1.43	41	<	0.01	<	0.1
pH Temperature	Deg C	73	17.8	25	21.2	1.4	0				
pH, Field	S.U.	313	7	9.3	8.1	0.3	0				
pH, Lab	S.U.	103	7.95	8.8	8.37	0.21	0				
Phosphorus, Dissolved	mg/L	4	0.03	0.18	0.07	0.07	0				
Phosphorus, Orthophosphorus	mg/L	118	0.009	1	0.066	0.128	32	<	0.005	<	1
Phosphorus, Phosphate	mg/L	3	0.04	0.07	0.06	0.02	1	<	0.03	<	0.03
Potassium, Dissolved	mg/L	55	1.2	8.3	4.9	1.5	0				
Selenium, Dissolved	ug/L	2	0.0003	1	0.5002	0.7069	2	<	1	<	1
Selenium, Total	ug/L	0					6	<	1	<	1
Selenium, Total Recoverable	ug/L	69	0.0001	11	0.5556	1.6618	53	<	0.0002	<	10
Silver, Dissolved	ug/L	0					2	<	1	<	1
Silver, Total Recoverable	ug/L	7	0.0009	11	2.1144	3.9750	120	<	0.0005	<	5
Sodium Adsorption Ratio	RATIO	209	0.211	18	2.429	2.898	0				
Sodium, Dissolved	mg/L	157	18.6	922	186.5	172.5	0				
Sodium, Total Recoverable	mg/L	1	131	131	131		0				
Solids, Settleable	mL/L	0					1	<	0.2	<	0.2
Solids, Total Suspended	mg/L	144	2	1510	81.75	187.1783	13	<	2	<	20
Specific Conductivity, Field	UMHOS/CM	326	350	4990	2387.267	873.4371	0				
Specific Conductivity, Lab	UMHOS/CM	138	693	4770	2566.833	737.1584	0				
Sulfates	mg/L	184	100	2150	1145.016	516.0872	0				
Temperature, Field	Deg C	282	0.2	26.8	14.2	6.7	0				
Total Dissolved Solids, Lab	mg/L	131	480	3760	2216.855	699.9441	0				
Zinc, Dissolved	ug/L	1	30	30	30		1	<	10	<	10
Zinc, Total	ug/L	2	9	30	19.5	14.84924	6	<	3	<	20
Zinc, Total Recoverable	ug/L	45	0.01	410	25.40	60.24	82	<	0.01	<	30

< - denotes value is below detectable limits

> - denotes value is above detectable limits

FOIDEL CREEK MINE - 900

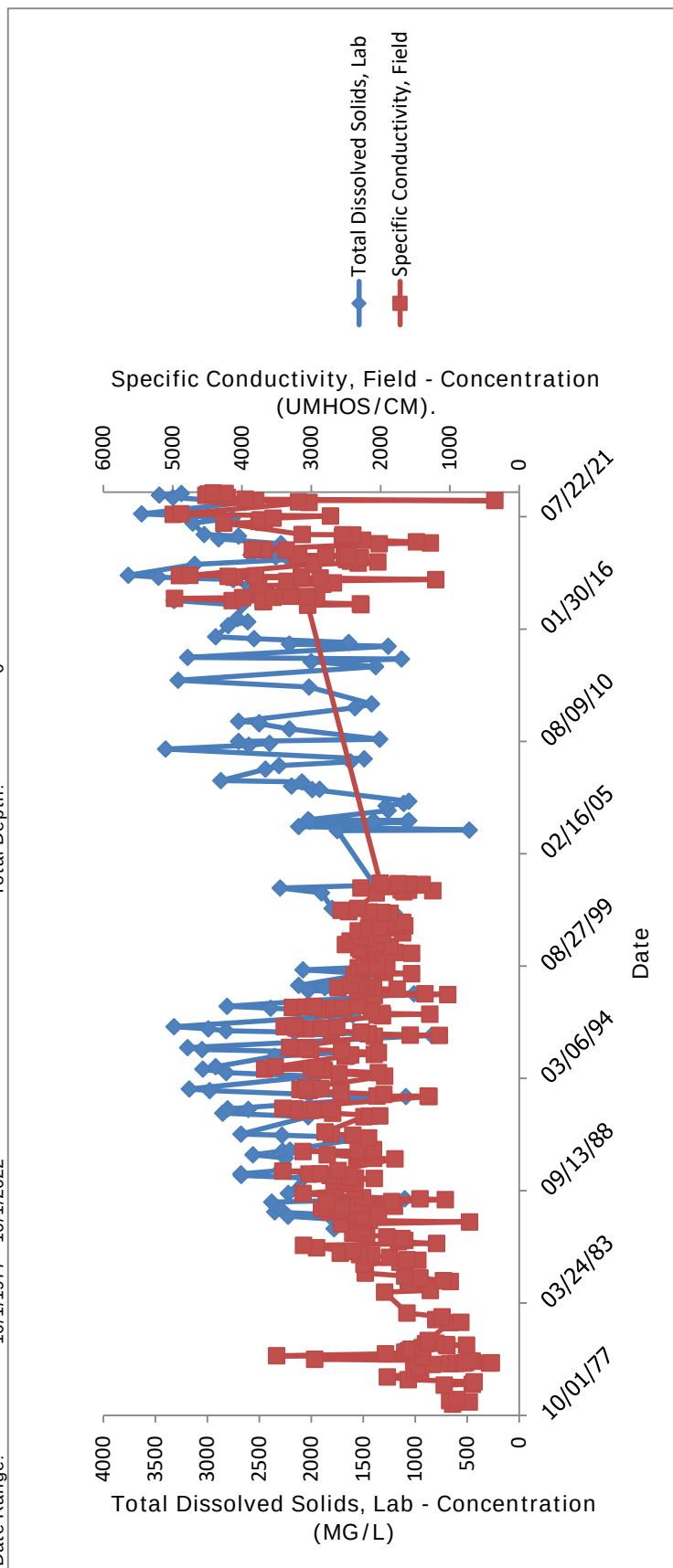
Sample Point: 900
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 10/1/2022

Township: 005N
 Northing: 47937
 Easting: 38237
 Elevation: 6730
 Total Depth: 0

Section: 14SENE

Range: 086W

47937
38237
6730



Ground and Surface Water Quality Statistics Report

Sample Point SW'13
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range 10/01/1978 to 9/30/2022

Township 004N
 Northing 45378
 Easting 19633
 Elevation 6686

Range: 086W Section 17

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Alkalinity as CaCO3, @ pH 4.5	mg/L	35	103	382	236.3143	61.89734	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	37	123	400	251.973	56.99195	0				
Alkalinity, Carbonate as CaCO3	mg/L	32	2	35.3	17.1	9.4	5	< 1	< 20		
Alkalinity, Hydroxide as CaCO3	mg/L	0					9	< 2	< 10		
Ammonia Nitrogen	mg/L	5	0.06	0.13	0.08	0.03	32	< 0.001	< 0.5		
Bicarbonate as HCO3	mg/L	9	182	357	302.4445	49.13021	0				
Cadmium, Total Recoverable	mg/L	9	7E-05	0.0005	0.0002	0.0001	28	< 0.00005	< 2		
Calcium, Dissolved	mg/L	37	32.8	93	63.5	14.1	0				
Carbonate as CO3	mg/L	8	8.4	21.2	15.6	5.0	1	< 10	< 10		
Flow	cfs	12	0	71.92	8.40	20.23	0				
Hydroxide as OH	mg/L	0					35	< 2	< 20		
Iron, Total Recoverable	mg/L	37	0.12	1300	45.63	216.84	0				
Magnesium, Dissolved	mg/L	37	15.3	150	41.6	22.0	0				
Manganese, Total Recoverable	mg/L	37	0.011	46	1.802	8.028	0				
Mercury, Total	mg/L	0					35	< 0.0002	< 0.001		
Mercury, Total Recoverable	ug/L	0					2	< 0.0002	< 0.0002		
Molybdenum, Total Recoverable	mg/L	1	0.01	0.01	0.01		36	< 0.02	< 50		
Nitrate Nitrogen	mg/L	0					2	< 0.02	< 0.02		
Nitrite Nitrogen	mg/L	0					2	< 0.02	< 0.02		
NO3-NO2 Nitrogen	mg/L	15	0.02	0.52	0.14	0.14	22	< 0.02	< 0.1		
pH Temperature	Deg C	37	18.9	23.3	21.2	1.3	0				
pH, Field	S.U.	11	8	8.68	8.26	0.21	0				
pH, Lab	S.U.	39	8.17	8.8	8.53	0.13	0				
Phosphorus, Dissolved	mg/L	4	0.01	0.04	0.03	0.01	0				
Phosphorus, Orthophosphorus	mg/L	24	0.01	0.16	0.04	0.04	9	< 0.01	< 0.05		
Selenium, Total Recoverable	ug/L	35	0.0002	0.0014	0.0006	0.0003	2	< 2	< 2		
Silver, Total Recoverable	mg/L	3	6E-05	0.00013	0.00009	0.00004	34	< 0.00005	< 0.4		
Sodium Adsorption Ratio	RATIO	37	0.39	5.86	0.95	0.92	0				
Sodium, Dissolved	mg/L	37	11.2	249	39.8	40.2	0				
Solids, Total Suspended	mg/L	34	6	920	95	179.1192	3	< 5	< 20		

Specific Conductivity, Field	UMHOS/CM	11	490	1340	832.7273	236.7738	0		
Specific Conductivity, Lab	ums/cm	39	335	1560	741.5897	226.3061	0		
Sulfates	mg/L	36	50	460	169.5833	76.82127	1	<	5
Temperature, Field	Deg C	11	12.3	28	20.2	4.3	0		
Total Dissolved Solids, Lab	mg/L	37	200	1100	488.8649	163.2718	0		
Zinc, Total Recoverable	mg/L	16	0.01	7	0.48	1.74	21	<	0.01

< - denotes value is below detectable limits

> - denotes value is above detectable limit

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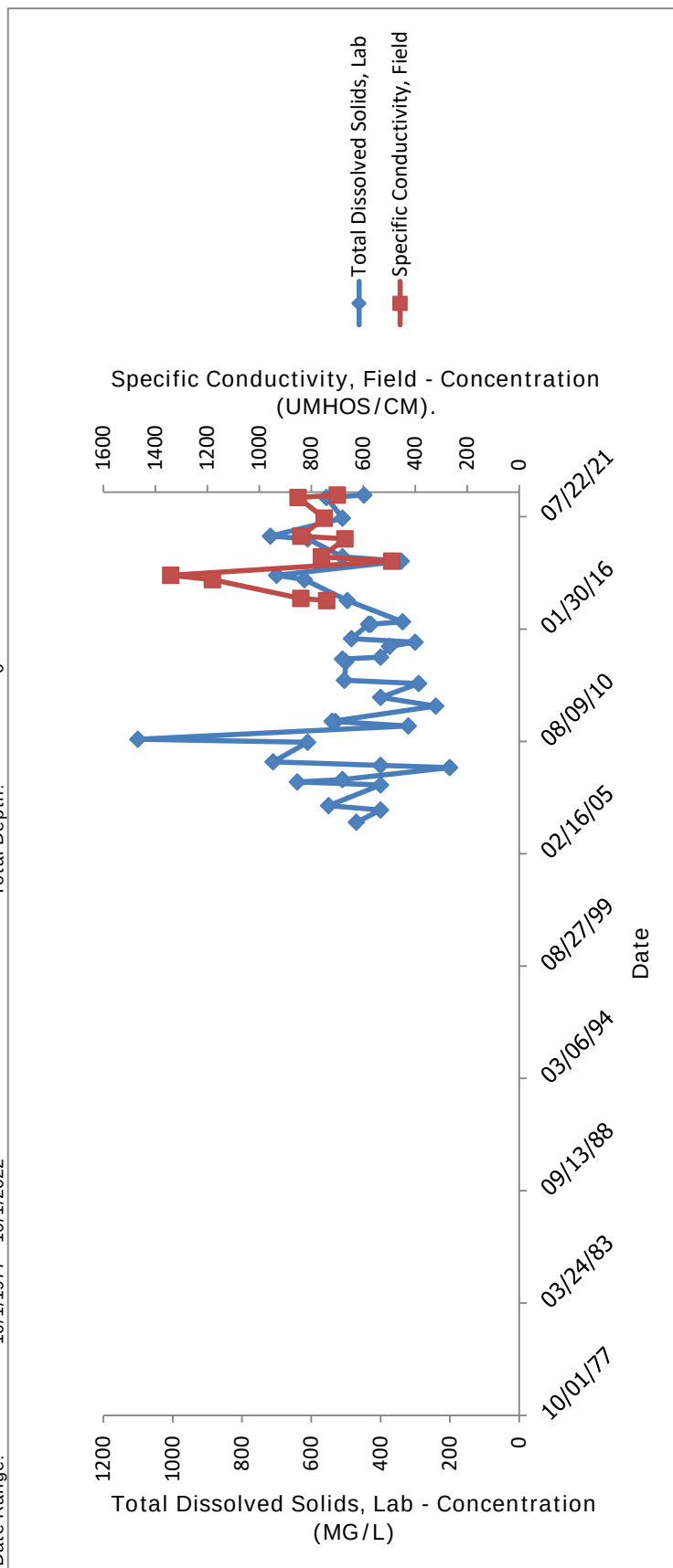
FOIDEL CREEK MINE - SW13

Sample Point: SW13
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 10/1/2022

Township: 004N
 Northing: 45378
 Easting: 19633
 Elevation: 6686
 Total Depth: 0

Section: 17

Range: 086W



Ground and Surface Water Quality Statistics Report

Sample Point	SW14	Township	005N	Range:	086W	Section	15
Mine:	FOIDEL CREEK MINE	Northing	47360				
State:	CO	Easting	30701				
Drainage/Geologic Unit:		Elevation	6650				
Date Range	10/01/1978 to 9/30/2022						

Parm Description	Units	Uncensored Data				Censored Data			
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L	34	104	366	251.5	55.12204	0		
Alkalinity, Bicarbonate as CaCO ₃	mg/L	34	125	374	261.7647	53.11169	0		
Alkalinity, Carbonate as CaCO ₃	mg/L	30	3	36.3	19.6	8.1	4	< 10	< 20
Alkalinity, Hydroxide as CaCO ₃	mg/L	0					9	< 2	< 10
Ammonia Nitrogen	mg/L	5	0.05	0.21	0.10	0.07	29	< 0.05	< 0.5
Bicarbonate as HCO ₃	mg/L	9	183	342	297	51.29084	0		
Cadmium, Total Recoverable	mg/L	7	7E-05	0.005	0.001	0.002	27	< 0.00005	< 0.0005
Calcium, Dissolved	mg/L	34	32.1	101	65.0	14.9	0		
Carbonate as CO ₃	mg/L	8	10	21.8	15.4	4.3	1	< 10	< 10
Flow	cfs	11	0	65.91	8.24	19.29	0		
Hydroxide as OH	mg/L	0					34	< 2	< 20
Iron, Total Recoverable	mg/L	34	0.32	26.7	2.74	5.33	0		
Magnesium, Dissolved	mg/L	34	15	72.5	43.2	13.3	0		
Manganese, Total Recoverable	mg/L	34	0.012	0.518	0.074	0.095	0		
Mercury, Total	mg/L	0					34	< 0.0002	< 0.001
Molybdenum, Total Recoverable	mg/L	2	0.01	0.01	0.01	0	32	< 0.02	< 0.1
NO ₃ -NO ₂ Nitrogen	mg/L	15	0.02	0.83	0.13	0.20	19	< 0.02	< 0.1
pH Temperature	Deg C	33	19.2	24	21.3	1.2	0		
pH, Field	S.U.	10	7.9	8.69	8.24	0.24	0		
pH, Lab	S.U.	35	8.3	8.9	8.6	0.1	0		
Phosphorus, Dissolved	mg/L	1	0.04	0.04	0.04		2	< 0.05	< 0.05
Phosphorus, Orthophosphorus	mg/L	21	0.01	0.07	0.02	0.01	10	< 0.01	< 0.05
Selenium, Total Recoverable	mg/L	34	0.0003	0.0014	0.0005	0.0002	0		
Silver, Total Recoverable	mg/L	2	8E-05	0.00013	0.00011	0.00004	32	< 0.00005	< 0.0003
Sodium Adsorption Ratio	RATIO	35	0.4	5.58	1.02	0.90	0		
Sodium, Dissolved	mg/L	34	10.9	235	43.8	40.1	0		
Solids, Total Suspended	mg/L	32	8	1020	91.625	199.2521	2	< 20	< 20
Specific Conductivity, Field	UMHOS/CM	10	460	1430	844	269.6994	0		
Specific Conductivity, Lab	ums/cm	34	329	1500	783.5883	233.2398	0		
Sulfates	mg/L	33	60	440	187.3333	90.06167	1	< 50	< 50

Temperature, Field	10	13.1	26.6	20.3	4.2	0		
Total Dissolved Solids, Lab	34	210	1050	524.353	175.4437	0		
Zinc, Total Recoverable	10	0.01	0.13	0.05	0.04	24	<	0.05

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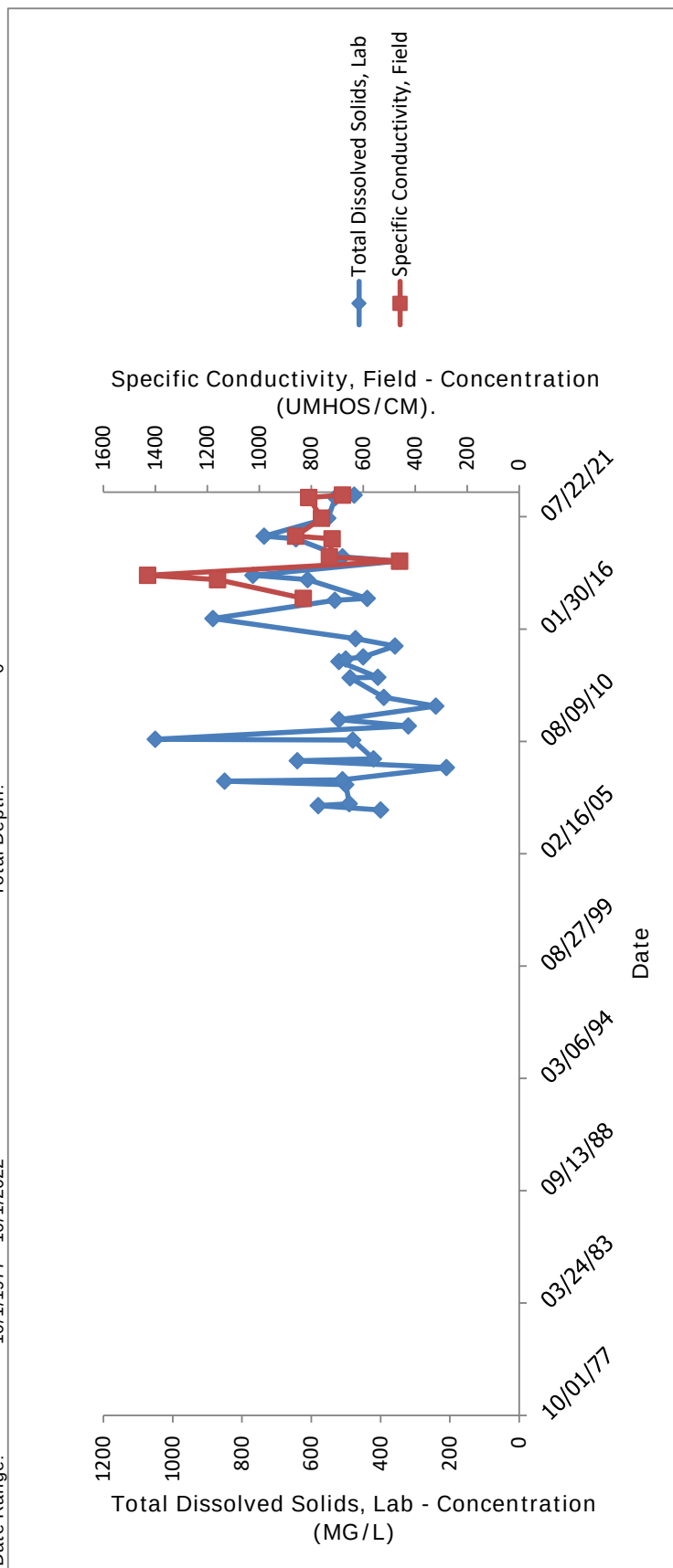
FOIDEL CREEK MINE - SW14

Sample Point: SW14
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range: 10/1/1977 - 10/1/2022

Township: 005N
 Northing: 47360
 Easting: 30701
 Elevation: 6650
 Total Depth: 0

Section: 15

Range: 086W



Ground and Surface Water Quality Statistics Report

Sample Point SW'15
 Mine: FOIDEL CREEK MINE
 State: CO
 Drainage/Geologic Unit:
 Date Range 10/01/1978 to 9/30/2022

Township 005N
 Northing 53407
 Easting 33803
 Elevation 6628
 Range: 087W
 Section 11

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Alkalinity as CaCO3, @ pH 4.5	mg/L	34	130	357	233.3824	55.00965	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	35	155	374	244.0286	50.54147	0				
Alkalinity, Carbonate as CaCO3	mg/L	35	2	70.6	17.9	13.9	0				
Alkalinity, Hydroxide as CaCO3	mg/L	0					8	<	2		
Ammonia Nitrogen	mg/L	4	0.05	0.14	0.07	0.05	31	<	0.05		
Bicarbonate as HCO3	mg/L	8	193	324	277.5	40.64832	0				
Cadmium, Total Recoverable	mg/L	8	0.0001	0.0033	0.0006	0.0011	27	<	0.00005		
Calcium, Dissolved	mg/L	35	39.8	85.8	61.4	11.6	0				
Carbonate as CO3	mg/L	7	7.5	42.4	21.5	10.6	1	<	10		
Flow	cfs	12	0	69.08	8.33	19.49	0				
Hydroxide as OH	mg/L	0					34	<	2		
Iron, Total Recoverable	mg/L	35	0.39	670	21.65	112.86	0				
Magnesium, Dissolved	mg/L	35	20.3	69	41.3	12.7	0				
Manganese, Total Recoverable	mg/L	35	0.018	50	1.508	8.438	0				
Mercury, Total	mg/L	0					34	<	0.0002		
Mercury, Total Recoverable	ug/L	0					1	<	0.0002		
Molybdenum, Total Recoverable	mg/L	2	0.02	0.02	0.02	0	33	<	0.02		
Nitrate Nitrogen	mg/L	1	0.08	0.08	0.08		0				
Nitrite Nitrogen	mg/L	0					1	<	0.02		
NO3-NO2 Nitrogen	mg/L	18	0.02	3.46	0.27	0.80	17	<	0.02		
pH Temperature	Deg C	34	19	24	21.21471	1.120101	0		0.1		
pH, Field	S.U.	10	8	8.65	8.32	0.21	0				
pH, Lab	S.U.	36	8.3	8.9	8.6	0.1	0				
Phosphorus, Dissolved	mg/L	4	0.02	0.03	0.03	0.01	1	<	0.05		
Phosphorus, Orthophosphorus	mg/L	23	0.01	0.09	0.03	0.02	7	<	0.01		
Selenium, Total Recoverable	ug/L	34	0.0002	0.0017	0.0006	0.0003	1	<	2		
Silver, Total Recoverable	mg/L	2	6E-05	8E-05	7E-05	414214E-05	33	<	0.00005		
Sodium Adsorption Ratio	RATIO	35	0.48	5.55	1.06	0.86	0				
Sodium, Dissolved	mg/L	35	15.2	234	44.4	37.8	0				
Solids, Total Suspended	mg/L	35	7	480	72.65714	103.6325	0				

Specific Conductivity, Field	UMHOS/CM	10	480	1140	808	177.8139	0		
Specific Conductivity, Lab	ums/cm	36	414	1510	772.4167	217.8809	0		
Sulfates	mg/L	34	80	440	185.1471	79.14626	1	<	5
Temperature, Field	Deg C	10	14.4	28.7	23.8	4.1	0		
Total Dissolved Solids, Lab	mg/L	35	270	1050	508.9143	153.9078	0		
Zinc, Total Recoverable	mg/L	13	0.01	9.5	0.75	2.63	22	<	0.05

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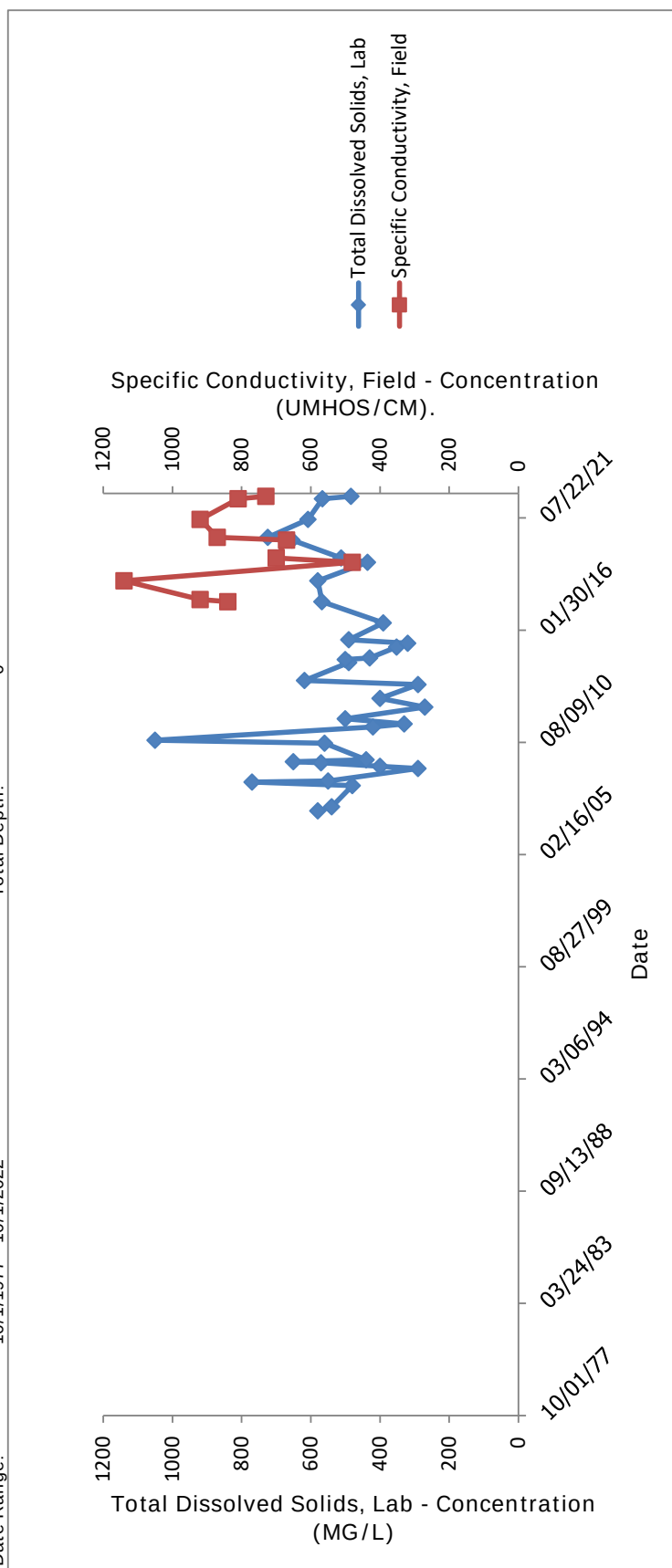
FOIDEL CREEK MINE - SW15

Sample Point: SW15
Mine: FOIDEL CREEK MINE
State: CO
Drainage/Geologic Unit:
Date Range: 10/1/1977 - 10/1/2022

Township: 005N
Northing: 53407
Easting: 33803
Elevation: 6628
Total Depth: 0

Section: 11

Range: 087W



Foidel Creek Mine
2022 Annual Report
Attachment 4
Spoil Spring Data

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Ground and Surface Water Quality Report

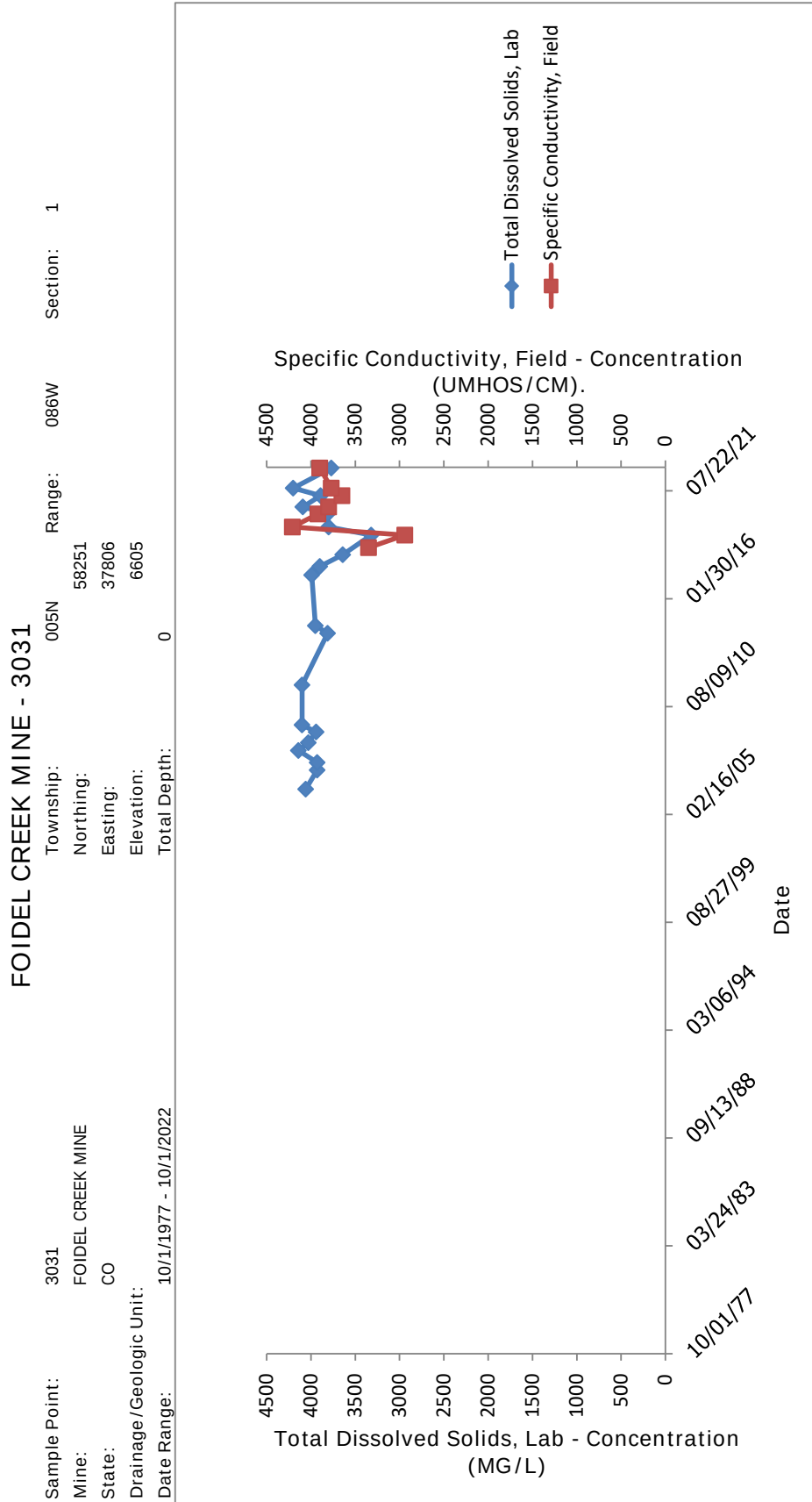
Sample Point:		3031	Township:		005N	Range:		086W	Section:		1
Mine:		FOIDEL CREEK MINE	Northing:		58251						
State:		CO	Easting:		37806						
Drainage/Geologic Unit:			Elevation:		6605						
Date Range:		10/01/2021 - 9/30/2022									
Date(s) of Collection:		9/16/2022									
Comment(s):		Chemical	Unit								
Alkalinity as CaCO3, @ pH 4.5		mg/L	397								
Alkalinity, Bicarbonate as CaCO3		mg/L	397								
Alkalinity, Carbonate as CaCO3		mg/L	< 20								
Alkalinity, Hydroxide as CaCO3		mg/L	< 20								
Ammonia Nitrogen		mg/L	< 0.2								
Bicarbonate as HCO3		mg/L	485								
Cadmium, Total Recoverable		mg/L	0.000131								
Calcium, Dissolved		mg/L	376								
Carbonate as CO3		mg/L	< 20								
Flow		Gallons Per M 1									
Hydroxide as OH		mg/L	< 20								
Iron, Total Recoverable		mg/L	0.168								
Magnesium, Dissolved		mg/L	341								
Manganese, Total Recoverable		mg/L	0.039								
Mercury, Total		mg/L	< 0.001								
Molybdenum, Total Recoverable		mg/L	< 0.1								
NO3-NO2 Nitrogen		mg/L	< 0.1								
pH Temperature		Deg C	22.2								
pH, Field		S.U.	7.84								
pH, Lab		S.U.	8.0								
Phosphorus, Orthophosphorus		mg/L	0.013								
Selenium, Total Recoverable		mg/L	0.00022								
Silver, Total Recoverable		mg/L	< 0.0005								
Sodium, Dissolved		mg/L	177								
Solids, Total Suspended		mg/L	8.0								
Specific Conductivity, Field		UMHOS/CM	3900								
Specific Conductivity, Lab		ums/cm	3810								

Sulfates	mg/L	2530
Temperature, Field	Deg C	14.9
Total Dissolved Solids, Lab	mg/L	3770
Zinc, Total Recoverable	mg/L	0.026

Ground and Surface Water Quality Statistics Report

Sample Point		3031	Township		005N	Range:		086W	Section		1
Mine:		FOIDEL CREEK MINE	Northing		58251						
State:		CO	Easting		37806						
Drainage/Geologic Unit:			Elevation		6605						
Date Range		10/01/1978 to 9/30/2022									
Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max		
Alkalinity as CaCO3, @ pH 4.5	mg/L	20	260	621	549.05	88.56367	0			Max	
Alkalinity, Bicarbonate as CaCO3	mg/L	20	260	757	625.1	130.006	0				
Alkalinity, Carbonate as CaCO3	mg/L	0					20	<	2	<	
Alkalinity, Hydroxide as CaCO3	mg/L	0					8	<	2	<	
Ammonia Nitrogen	mg/L	9	0.067	0.54	0.435	0.155	11	<	0.05	<	
Bicarbonate as HCO3	mg/L	10	317	757	643.2	140.7605	0				
Cadmium, Total Recoverable	mg/L	8	0.0001	0.0002	0.0001	0.0000	12	<	0.00005	<	
Calcium, Dissolved	mg/L	20	369	512	448.25	37.53297	0				
Carbonate as CO3	mg/L	0					9	<	2	<	
Flow	Gallons Per Mini	8	1	5	2.5	1.309307	0			20	
Hardness, Calcium	mg/L	0					1	<	2	<	
Hydroxide as OH	mg/L	0					20	<	2	<	
Iron, Total Recoverable	mg/L	19	0.09	2.12	0.93	0.70	1	<	0.1	<	
Magnesium, Dissolved	mg/L	20	284	435	359.75	32.738	0				
Manganese, Total Recoverable	mg/L	19	0.039	2.95	1.488	1.232	1	<	0.05	<	
Mercury, Total	mg/L	0					20	<	0.0002	<	
Molybdenum, Total Recoverable	mg/L	0					20	<	0.02	<	
NO3-NO2 Nitrogen	mg/L	16	0.03	0.33	0.17	0.11	4	<	0.02	<	
pH Temperature	Deg C	20	19	24	21.565	1.37162	0				
pH, Field	S.U.	8	6.96	7.84	7.13	0.29	0				
pH, Lab	S.U.	20	7.4	8.3	7.9	0.3	0				
Phosphorus, Dissolved	mg/L	0					3	<	0.05	<	
Phosphorus, Orthophosphorus	mg/L	8	0.01	0.02	0.01	0.00	9	<	0.01	<	
Selenium, Total Recoverable	mg/L	11	0.0001	0.0007	0.0004	0.0002	9	<	0.0001	<	
Silver, Total Recoverable	mg/L	0					20	<	0.0001	<	
Sodium, Dissolved	mg/L	20	105	219	160.25	22.65038	0				
Solids, Total Suspended	mg/L	10	5	16	9.2	3.938415	10	<	5	<	
Specific Conductivity, Field	UMHOS/CM	8	2940	4210	3692.5	390.1556	0			20	
Specific Conductivity, Lab	ums/cm	20	3390	4350	3967	214.8708	0				
Sulfates	mg/L	20	1910	2820	2356	188.4396	0				

< - denotes value is below detectable limits
> - denotes value is above detectable limits



Foidel Creek Mine
2022 Annual Report
Attachment 5
CPDS Data

Foidel Creek Mine
2022 Annual Report
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CPDS Data
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ATTACHMENT NO. 5 - CPDS DATA

Permit No. _____

Mine: FOIDEL CREEK MINE

Annual Report Period 10/01/2021 to 9/30/2022

SAMPLE STATION	SAMPLE DATE	SAMPLING COMPANY	SAMPLING METHOD	PARAMETER NAME	PARM VALUE	UNITS	LAB BOTTLE ID	ANALYSIS DATE	COMMENTS
115	1/27/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/27/2022	
115	2/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/3/2022	
115	2/9/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/9/2022	
115	2/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/16/2022	
115	2/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/24/2022	
115	3/2/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/2/2022	
115	3/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/10/2022	
115	3/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/16/2022	
115	3/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/24/2022	
115	3/30/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/30/2022	
115	4/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/6/2022	
115	4/14/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/14/2022	
115	4/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/20/2022	
115	4/22/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/22/2022	
115	4/26/2022	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		4/26/2022	
115	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2890	UMHOS/CM		4/26/2022	
115	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	15.4	Deg C		4/26/2022	
115	4/27/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00339	mg/L	L72785-01	5/5/2022	
115	4/27/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.0005	mg/L	L72785-01	5/9/2022	
115	4/27/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.004	mg/L	L72785-01	5/9/2022	
115	4/27/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.004	mg/L	L72785-01	5/9/2022	
115	4/27/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	2.25	mg/L	L72785-01	5/9/2022	
115	4/27/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	2.29	mg/L	L72785-02	5/9/2022	
115	4/27/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	0.00064	mg/L	L72785-01	5/9/2022	
115	4/27/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.088	mg/L	L72785-01	5/3/2022	
115	4/27/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72785-01	5/3/2022	
115	4/27/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.035	mg/L	L72785-01	5/3/2022	
115	4/27/2022	TWENTYMILE	GRAB	pH Temperature	22.5	Deg C	L72785-02	4/28/2022	
115	4/27/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72785-02	4/28/2022	
115	4/27/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.0003	mg/L	L72785-01	5/9/2022	
115	4/27/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.001	mg/L	L72785-01	5/9/2022	
115	4/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72785-01	4/27/2022	
115	4/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72785-02	4/27/2022	
115	4/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	24	mg/L	L72785-02	4/29/2022	
115	4/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	28	mg/L	L72785-01	4/29/2022	
115	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3040	ums/cm	L72785-01	4/28/2022	
115	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3060	ums/cm	L72785-02	4/28/2022	
115	4/27/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2020	mg/L	L72785-02	5/2/2022	
115	4/27/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2000	mg/L	L72785-01	5/2/2022	
115	4/27/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.1	mg/L	L72785-01	5/3/2022	
115	5/3/2022	TWENTYMILE	GRAB	Flow	5523	MGD		5/3/2022	
115	5/3/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	2.03	mg/L	L72901-07	5/13/2022	
115	5/3/2022	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L72901-07	5/4/2022	
115	5/3/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/3/2022	
115	5/3/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72901-07	5/4/2022	
115	5/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72901-07	5/3/2022	
115	5/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L72901-07	5/10/2022	
115	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	5000	UMHOS/CM		5/3/2022	
115	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4450	ums/cm	L72901-07	5/4/2022	
115	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	12.4	Deg C		5/3/2022	

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115	5/3/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3190	mg/L	L72901-07	5/6/2022	
115	5/9/2022	TWENTYMILE	GRAB	Flow	0.7375	MGD		5/9/2022	
115	5/9/2022	TWENTYMILE	GRAB	pH, Field	7	S.U.		5/9/2022	
115	5/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4440	UMHOS/CM		5/9/2022	
115	5/9/2022	TWENTYMILE	GRAB	Temperature, Field	16.5	Deg C		5/9/2022	
115	5/11/2022	TWENTYMILE	GRAB	Arsenic, Total	0.002	mg/L	L73138-08	5/20/2022	
115	5/11/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.0005	mg/L	L73138-08	5/19/2022	
115	5/11/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.004	mg/L	L73138-08	5/19/2022	
115	5/11/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.004	mg/L	L73138-08	5/19/2022	
115	5/11/2022	TWENTYMILE	GRAB	Flow	0.8251	MGD		5/11/2022	
115	5/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.86	mg/L	L73138-08	5/25/2022	
115	5/11/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.001	mg/L	L73138-08	5/19/2022	
115	5/11/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.094	mg/L	L73138-08	5/16/2022	
115	5/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L73138-08	5/18/2022	
115	5/11/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.0633	mg/L	L73138-08	5/16/2022	
115	5/11/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/11/2022	
115	5/11/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.0005	mg/L	L73138-08	5/19/2022	
115	5/11/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.001	mg/L	L73138-08	5/19/2022	
115	5/11/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73138-08	5/11/2022	
115	5/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L73138-08	5/13/2022	
115	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4300	UMHOS/CM		5/11/2022	
115	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4410	ums/cm	L73138-08	5/19/2022	
115	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	19	Deg C		5/11/2022	
115	5/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3160	mg/L	L73138-08	5/17/2022	
115	5/11/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L73138-08	5/16/2022	
115	5/17/2022	TWENTYMILE	GRAB	Flow	0.6819	MGD		5/17/2022	
115	5/17/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		5/17/2022	
115	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3510	UMHOS/CM		5/17/2022	
115	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	21.5	Deg C		5/17/2022	
115	5/18/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.29	mg/L	L73318-07	5/31/2022	
115	5/18/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L73318-07	5/27/2022	
115	5/18/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L73318-07	5/27/2022	
115	5/18/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73318-07	5/18/2022	
115	5/18/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L73318-07	5/24/2022	
115	5/18/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4380	ums/cm	L73318-07	5/27/2022	
115	5/18/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3250	mg/L	L73318-07	5/25/2022	
115	5/26/2022	TWENTYMILE	GRAB	Flow	0.6819	MGD		5/26/2022	
115	5/26/2022	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		5/26/2022	
115	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4230	UMHOS/CM		5/26/2022	
115	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	22.3	Deg C		5/26/2022	
115	6/1/2022	TWENTYMILE	GRAB	Flow	0.55	MGD		6/1/2022	
115	6/1/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.39	mg/L	L73573-05	6/11/2022	
115	6/1/2022	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L73573-05	6/7/2022	
115	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		6/1/2022	
115	6/1/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L73573-05	6/7/2022	
115	6/1/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73573-05	6/1/2022	
115	6/1/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L73573-05	6/6/2022	
115	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	18.9	UMHOS/CM		6/1/2022	
115	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4390	ums/cm	L73573-05	6/7/2022	
115	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	18.9	Deg C		6/1/2022	
115	6/1/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3220	mg/L	L73573-05	6/7/2022	
115	6/2/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.33	mg/L	L73640-01	6/7/2022	
115	6/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/8/2022	
115	6/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/15/2022	
115	6/22/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/22/2022	
115	6/29/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/29/2022	

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115	7/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/6/2022	
115	7/13/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/13/2022	
115	7/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/20/2022	
115	7/26/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/26/2022	
115	8/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/3/2022	
115	8/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/10/2022	
115	8/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/16/2022	
115	8/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/24/2022	
115	8/31/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/31/2022	
115	9/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/8/2022	
115	9/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/15/2022	
115	9/21/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/21/2022	
115	9/28/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/28/2022	
55	1/27/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/27/2022	
55	2/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/3/2022	
55	2/9/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/9/2022	
55	2/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/16/2022	
55	2/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/24/2022	
55	3/2/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/2/2022	
55	3/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/10/2022	
55	3/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/16/2022	
55	3/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/24/2022	
55	3/30/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/30/2022	
55	4/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/6/2022	
55	4/14/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/14/2022	
55	4/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/20/2022	
55	4/26/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/26/2022	
55	5/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/3/2022	
55	5/11/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/11/2022	
55	5/17/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/17/2022	
55	5/25/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/25/2022	
55	6/1/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/1/2022	
55	6/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/8/2022	
55	6/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/15/2022	
55	6/22/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/22/2022	
55	6/29/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/29/2022	
55	7/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/6/2022	
55	7/13/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/13/2022	
55	7/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/20/2022	
55	7/26/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/26/2022	
55	8/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/3/2022	
55	8/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/10/2022	
55	8/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/16/2022	
55	8/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/24/2022	
55	8/31/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/31/2022	
55	9/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/8/2022	
55	9/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/15/2022	
55	9/21/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/21/2022	
55	9/28/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/28/2022	
62	10/7/2021	TWENTYMILE	GRAB	Flow	0.0038776	MGD		10/7/2021	
62	10/7/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.126	mg/L	L69061-06	10/19/2021	
62	10/7/2021	TWENTYMILE	GRAB	pH Temperature	21.4	Deg C	L69061-06	10/23/2021	
62	10/7/2021	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		10/7/2021	
62	10/7/2021	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L69061-06	10/23/2021	
62	10/7/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69061-06	10/7/2021	
62	10/7/2021	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L69061-06	10/13/2021	
62	10/7/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4150	UMHOS/CM		10/7/2021	
62	10/7/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	4100	ums/cm	L69061-06	10/20/2021	
62	10/7/2021	TWENTYMILE	GRAB	Temperature, Field	14.5	Deg C		10/7/2021	

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62	10/7/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3790	mg/L	L69061-06	10/12/2021	
62	10/13/2021	TWENTYMILE	GRAB	Arsenic, Total	< 0.002	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.0005	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.004	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.004	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Flow	0.0078845	MGD		10/13/2021	
62	10/13/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	< 0.3	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.001	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	< 0.1	mg/L	L69208-05	10/18/2021	
62	10/13/2021	TWENTYMILE	GRAB	Mercury, Total	0.00027	mg/L	L69208-05	10/20/2021	
62	10/13/2021	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.08	mg/L	L69208-05	10/18/2021	
62	10/13/2021	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		10/13/2021	
62	10/13/2021	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.0005	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.001	mg/L	L69208-05	10/26/2021	
62	10/13/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69208-05	10/13/2021	
62	10/13/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	3780	UMHOS/CM		10/13/2021	
62	10/13/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	3880	ums/cm	L69208-05	10/15/2021	
62	10/13/2021	TWENTYMILE	GRAB	Temperature, Field	7.2	Deg C		10/13/2021	
62	10/13/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3660	mg/L	L69208-05	10/19/2021	
62	10/13/2021	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.1	mg/L	L69208-05	10/18/2021	
62	10/21/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		10/21/2021	
62	10/21/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.115	mg/L	L69405-05	10/27/2021	
62	10/21/2021	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L69405-05	10/29/2021	
62	10/21/2021	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		10/21/2021	
62	10/21/2021	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L69405-05	10/29/2021	
62	10/21/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69405-05	10/21/2021	
62	10/21/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69405-05	10/26/2021	
62	10/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	3960	UMHOS/CM		10/21/2021	
62	10/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	4030	ums/cm	L69405-05	10/29/2021	
62	10/21/2021	TWENTYMILE	GRAB	Temperature, Field	9.2	Deg C		10/21/2021	
62	10/21/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3780	mg/L	L69405-05	10/27/2021	
62	10/27/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		10/27/2021	
62	10/27/2021	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		10/27/2021	
62	10/27/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	3680	UMHOS/CM		10/27/2021	
62	10/27/2021	TWENTYMILE	GRAB	Temperature, Field	6	Deg C		10/27/2021	
62	11/2/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		11/2/2021	
62	11/2/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	< 0.3	mg/L	L69649-05	11/10/2021	
62	11/2/2021	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L69649-05	11/12/2021	
62	11/2/2021	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		11/2/2021	
62	11/2/2021	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L69649-05	11/12/2021	
62	11/2/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69649-05	11/2/2021	
62	11/2/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69649-05	11/5/2021	
62	11/2/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	3850	UMHOS/CM		11/2/2021	
62	11/2/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	3780	ums/cm	L69649-05	11/12/2021	
62	11/2/2021	TWENTYMILE	GRAB	Temperature, Field	8.4	Deg C		11/2/2021	
62	11/2/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3640	mg/L	L69649-05	11/6/2021	
62	11/10/2021	TWENTYMILE	GRAB	Arsenic, Total	0.00031	mg/L	L69827-05	11/18/2021	
62	11/10/2021	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.00025	mg/L	L69827-05	11/18/2021	
62	11/10/2021	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L69827-05	11/15/2021	
62	11/10/2021	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.002	mg/L	L69827-05	11/15/2021	
62	11/10/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		11/10/2021	
62	11/10/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.484	mg/L	L69827-05	11/17/2021	
62	11/10/2021	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L69827-05	11/18/2021	
62	11/10/2021	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.032	mg/L	L69827-05	11/18/2021	
62	11/10/2021	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L69827-05	11/16/2021	

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62	11/10/2021	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L69827-05	11/18/2021	
62	11/10/2021	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		11/10/2021	
62	11/10/2021	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00014	mg/L	L69827-05	11/15/2021	
62	11/10/2021	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.0005	mg/L	L69827-05	11/15/2021	
62	11/10/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69827-05	11/10/2021	
62	11/10/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69827-05	11/16/2021	
62	11/10/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	3920	UMHOS/CM		11/10/2021	
62	11/10/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	3750	ums/cm	L69827-05	11/19/2021	
62	11/10/2021	TWENTYMILE	GRAB	Temperature, Field	6.9	Deg C		11/10/2021	
62	11/10/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3750	mg/L	L69827-05	11/16/2021	
62	11/10/2021	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L69827-05	11/18/2021	
62	11/17/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		11/17/2021	
62	11/17/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.12	mg/L	L69956-05	11/23/2021	
62	11/17/2021	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L69956-05	12/1/2021	
62	11/17/2021	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		11/17/2021	
62	11/17/2021	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L69956-05	12/1/2021	
62	11/17/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69956-05	11/17/2021	
62	11/17/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69956-05	11/18/2021	
62	11/17/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4050	UMHOS/CM		11/17/2021	
62	11/17/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	3810	ums/cm	L69956-05	12/1/2021	
62	11/17/2021	TWENTYMILE	GRAB	Temperature, Field	6.4	Deg C		11/17/2021	
62	11/17/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3740	mg/L	L69956-05	11/22/2021	
62	11/23/2021	TWENTYMILE	GRAB	Flow	0.0028436	MGD		11/23/2021	
62	11/23/2021	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		11/23/2021	
62	11/23/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	3740	UMHOS/CM		11/23/2021	
62	11/23/2021	TWENTYMILE	GRAB	Temperature, Field	10	Deg C		11/23/2021	
62	12/1/2021	TWENTYMILE	GRAB	Arsenic, Total	< 0.005	mg/L	L70175-05	12/10/2021	
62	12/1/2021	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.00025	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.002	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	Flow	0.0038776	MGD		12/1/2021	
62	12/1/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	< 0.75	mg/L	L70175-05	12/8/2021	
62	12/1/2021	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.08	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		12/1/2021	
62	12/1/2021	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.00025	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.0005	mg/L	L70175-05	12/6/2021	
62	12/1/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70175-05	12/1/2021	
62	12/1/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70175-05	12/8/2021	
62	12/1/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4130	UMHOS/CM		12/1/2021	
62	12/1/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	4120	ums/cm	L70175-05	12/7/2021	
62	12/1/2021	TWENTYMILE	GRAB	Temperature, Field	7.1	Deg C		12/1/2021	
62	12/1/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4110	mg/L	L70175-05	12/2/2021	
62	12/1/2021	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L70175-05	12/6/2021	
62	12/8/2021	TWENTYMILE	GRAB	Arsenic, Total	< 0.005	mg/L	L70331-04	12/20/2021	
62	12/8/2021	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.00025	mg/L	L70331-04	12/15/2021	
62	12/8/2021	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L70331-04	12/15/2021	
62	12/8/2021	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.002	mg/L	L70331-04	12/15/2021	
62	12/8/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		12/8/2021	
62	12/8/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.191	mg/L	L70331-04	12/13/2021	
62	12/8/2021	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L70331-04	12/15/2021	
62	12/8/2021	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.141	mg/L	L70331-04	12/14/2021	
62	12/8/2021	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L70331-04	12/13/2021	
62	12/8/2021	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L70331-04	12/14/2021	

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62	12/8/2021	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		12/8/2021	
62	12/8/2021	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00024	mg/L	L70331-04	12/15/2021	
62	12/8/2021	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.0005	mg/L	L70331-04	12/15/2021	
62	12/8/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70331-04	12/8/2021	
62	12/8/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70331-04	12/10/2021	
62	12/8/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4750	UMHOS/CM		12/8/2021	
62	12/8/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	4610	ums/cm	L70331-04	12/16/2021	
62	12/8/2021	TWENTYMILE	GRAB	Temperature, Field	4.1	Deg C		12/8/2021	
62	12/8/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4720	mg/L	L70331-04	12/14/2021	
62	12/8/2021	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L70331-04	12/14/2021	
62	12/15/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		12/15/2021	
62	12/15/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.358	mg/L	L70483-05	12/28/2021	
62	12/15/2021	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L70483-05	12/22/2021	
62	12/15/2021	TWENTYMILE	GRAB	pH, Field	7.4	S.U.		12/15/2021	
62	12/15/2021	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L70483-05	12/22/2021	
62	12/15/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70483-05	12/15/2021	
62	12/15/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70483-05	12/17/2021	
62	12/15/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5230	UMHOS/CM		12/15/2021	
62	12/15/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	4390	ums/cm	L70483-05	12/22/2021	
62	12/15/2021	TWENTYMILE	GRAB	Temperature, Field	0	Deg C		12/15/2021	
62	12/15/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4400	mg/L	L70483-05	12/21/2021	
62	12/21/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		12/21/2021	
62	12/21/2021	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		12/21/2021	
62	12/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4870	UMHOS/CM		12/21/2021	
62	12/21/2021	TWENTYMILE	GRAB	Temperature, Field	2.4	Deg C		12/21/2021	
62	12/28/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		12/28/2021	
62	12/28/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.346	mg/L	L70673-04	1/4/2022	
62	12/28/2021	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L70673-04	12/31/2021	
62	12/28/2021	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		12/28/2021	
62	12/28/2021	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L70673-04	12/31/2021	
62	12/28/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70673-04	12/29/2021	
62	12/28/2021	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L70673-04	12/30/2021	
62	12/28/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4230	UMHOS/CM		12/28/2021	
62	12/28/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	3980	ums/cm	L70673-04	12/31/2021	
62	12/28/2021	TWENTYMILE	GRAB	Temperature, Field	1.2	Deg C		12/28/2021	
62	12/28/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3860	mg/L	L70673-04	12/29/2021	
62	12/28/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	4020	ums/cm	L70673-05	12/31/2021	
62	12/28/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3970	mg/L	L70673-05	1/3/2022	
62	1/6/2022	TWENTYMILE	GRAB	Flow	0.0049763	MGD		1/6/2022	
62	1/6/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.345	mg/L	L70745-05	1/14/2022	
62	1/6/2022	TWENTYMILE	GRAB	pH Temperature	21.4	Deg C	L70745-05	1/12/2022	
62	1/6/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		1/6/2022	
62	1/6/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L70745-05	1/12/2022	
62	1/6/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70745-05	1/6/2022	
62	1/6/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70745-05	1/7/2022	
62	1/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3580	UMHOS/CM		1/6/2022	
62	1/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3910	ums/cm	L70745-05	1/12/2022	
62	1/6/2022	TWENTYMILE	GRAB	Temperature, Field	3.2	Deg C		1/6/2022	
62	1/6/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3810	mg/L	L70745-05	1/11/2022	
62	1/12/2022	TWENTYMILE	GRAB	Arsenic, Total	< 0.002	mg/L	L70886-06	1/21/2022	
62	1/12/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.0005	mg/L	L70886-06	1/20/2022	
62	1/12/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.004	mg/L	L70886-06	1/20/2022	
62	1/12/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.004	mg/L	L70886-06	1/20/2022	
62	1/12/2022	TWENTYMILE	GRAB	Flow	0.0049763	MGD		1/12/2022	
62	1/12/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.298	mg/L	L70886-06	1/17/2022	
62	1/12/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.001	mg/L	L70886-06	1/20/2022	

62	1/12/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.193	mg/L	L70886-06	1/17/2022	
62	1/12/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L70886-06	1/19/2022	
62	1/12/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.08	mg/L	L70886-06	1/17/2022	
62	1/12/2022	TWENTYMILE	GRAB	pH, Field	7.4	S.U.		1/12/2022	
62	1/12/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.0005	mg/L	L70886-06	1/20/2022	
62	1/12/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.001	mg/L	L70886-06	1/20/2022	
62	1/12/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70886-06	1/12/2022	
62	1/12/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L70886-06	1/14/2022	
62	1/12/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4150	UMHOS/CM		1/12/2022	
62	1/12/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3970	ums/cm	L70886-06	1/14/2022	
62	1/12/2022	TWENTYMILE	GRAB	Temperature, Field	-3.7	Deg C		1/12/2022	
62	1/12/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3870	mg/L	L70886-06	1/14/2022	
62	1/12/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.1	mg/L	L70886-06	1/17/2022	
62	1/19/2022	TWENTYMILE	GRAB	Flow	0.0049763	MGD		1/19/2022	
62	1/19/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.354	mg/L	L71015-05	1/25/2022	
62	1/19/2022	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L71015-05	1/26/2022	
62	1/19/2022	TWENTYMILE	GRAB	pH, Field	7.3	S.U.		1/19/2022	
62	1/19/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L71015-05	1/26/2022	
62	1/19/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71015-05	1/19/2022	
62	1/19/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71015-05	1/20/2022	
62	1/19/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3480	UMHOS/CM		1/19/2022	
62	1/19/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4010	ums/cm	L71015-05	1/26/2022	
62	1/19/2022	TWENTYMILE	GRAB	Temperature, Field	3	Deg C		1/19/2022	
62	1/19/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3920	mg/L	L71015-05	1/20/2022	
62	3/10/2022	TWENTYMILE	GRAB	Flow	0.0009	MGD		3/10/2022	
62	3/10/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.245	mg/L	L71924-07	3/15/2022	
62	3/10/2022	TWENTYMILE	GRAB	pH Temperature	20.6	Deg C	L71924-07	3/12/2022	
62	3/10/2022	TWENTYMILE	GRAB	pH, Field	7	S.U.		3/10/2022	
62	3/10/2022	TWENTYMILE	GRAB	pH, Lab	8	S.U.	L71924-07	3/12/2022	
62	3/10/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L71924-07	3/10/2022	
62	3/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71924-07	3/16/2022	
62	3/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3680	UMHOS/CM		3/10/2022	
62	3/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3900	ums/cm	L71924-07	3/12/2022	
62	3/10/2022	TWENTYMILE	GRAB	Temperature, Field	0.9	Deg C		3/10/2022	
62	3/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3840	mg/L	L71924-07	3/16/2022	
62	3/16/2022	TWENTYMILE	GRAB	Arsenic, Total	< 0.002	mg/L	L71995-05	3/23/2022	
62	3/16/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.0005	mg/L	L71995-05	3/22/2022	
62	3/16/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.004	mg/L	L71995-05	3/22/2022	
62	3/16/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.004	mg/L	L71995-05	3/22/2022	
62	3/16/2022	TWENTYMILE	GRAB	Flow	0.0009	MGD		3/16/2022	
62	3/16/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.304	mg/L	L71995-05	3/24/2022	
62	3/16/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.001	mg/L	L71995-05	3/22/2022	
62	3/16/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.547	mg/L	L71995-05	3/25/2022	
62	3/16/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L71995-05	3/21/2022	
62	3/16/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.08	mg/L	L71995-05	3/25/2022	
62	3/16/2022	TWENTYMILE	GRAB	pH, Field	7.2	S.U.		3/16/2022	
62	3/16/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00028	mg/L	L71995-05	3/22/2022	
62	3/16/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.001	mg/L	L71995-05	3/22/2022	
62	3/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71995-05	3/16/2022	
62	3/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71995-05	3/17/2022	
62	3/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3340	UMHOS/CM		3/16/2022	
62	3/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3800	ums/cm	L71995-05	3/19/2022	
62	3/16/2022	TWENTYMILE	GRAB	Temperature, Field	5.5	Deg C		3/16/2022	
62	3/16/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3700	mg/L	L71995-05	3/21/2022	
62	3/16/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.1	mg/L	L71995-05	3/25/2022	
62	3/18/2022	TWENTYMILE	GRAB	Flow	0.0009	MGD		3/18/2022	

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62	3/18/2022	TWENTYMILE	GRAB	pH, Field	6.8	S.U.		3/18/2022	
62	3/18/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3540	UMHOS/CM		3/18/2022	
62	3/18/2022	TWENTYMILE	GRAB	Temperature, Field	3.2	Deg C		3/18/2022	
62	3/24/2022	TWENTYMILE	GRAB	Flow	0.0009	MGD		3/24/2022	
62	3/24/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.277	mg/L	L72161-04	4/1/2022	
62	3/24/2022	TWENTYMILE	GRAB	pH Temperature	22.7	Deg C	L72161-04	3/29/2022	
62	3/24/2022	TWENTYMILE	GRAB	pH, Field	7.1	S.U.		3/24/2022	
62	3/24/2022	TWENTYMILE	GRAB	pH, Lab	8	S.U.	L72161-04	3/29/2022	
62	3/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72161-04	3/24/2022	
62	3/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72161-04	3/29/2022	
62	3/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3460	UMHOS/CM		3/24/2022	
62	3/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3740	ums/cm	L72161-04	3/29/2022	
62	3/24/2022	TWENTYMILE	GRAB	Temperature, Field	4.1	Deg C		3/24/2022	
62	3/24/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3560	mg/L	L72161-04	3/28/2022	
62	3/30/2022	TWENTYMILE	GRAB	Flow	0.0001	MGD		3/30/2022	
62	3/30/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		3/30/2022	
62	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	480	UMHOS/CM		3/30/2022	
62	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	573	ums/cm	L72280-04	4/5/2022	
62	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	6.4	Deg C		3/30/2022	
62	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	400	mg/L	L72280-04	4/1/2022	
62	4/6/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		4/6/2022	
62	4/6/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	3.72	mg/L	L72361-05	4/11/2022	
62	4/6/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L72361-05	4/16/2022	
62	4/6/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		4/6/2022	
62	4/6/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L72361-05	4/16/2022	
62	4/6/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72361-05	4/6/2022	
62	4/6/2022	TWENTYMILE	GRAB	Solids, Total Suspended	102	mg/L	L72361-05	4/12/2022	
62	4/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2430	UMHOS/CM		4/6/2022	
62	4/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	2820	ums/cm	L72361-05	4/16/2022	
62	4/6/2022	TWENTYMILE	GRAB	Temperature, Field	9	Deg C		4/6/2022	
62	4/6/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2540	mg/L	L72361-05	4/11/2022	
62	4/14/2022	TWENTYMILE	GRAB	Arsenic, Total	< 0.005	mg/L	L72565-05	4/25/2022	
62	4/14/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.00025	mg/L	L72565-05	4/19/2022	
62	4/14/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L72565-05	4/19/2022	
62	4/14/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.002	mg/L	L72565-05	4/19/2022	
62	4/14/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		4/14/2022	
62	4/14/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.233	mg/L	L72565-05	4/25/2022	
62	4/14/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L72565-05	4/19/2022	
62	4/14/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.065	mg/L	L72565-05	4/22/2022	
62	4/14/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72565-05	4/20/2022	
62	4/14/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.08	mg/L	L72565-05	4/22/2022	
62	4/14/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		4/14/2022	
62	4/14/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.00025	mg/L	L72565-05	4/19/2022	
62	4/14/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.001	mg/L	L72565-05	4/21/2022	
62	4/14/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72565-05	4/14/2022	
62	4/14/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L72565-05	4/18/2022	
62	4/14/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3040	UMHOS/CM		4/14/2022	
62	4/14/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3350	ums/cm	L72565-05	4/20/2022	
62	4/14/2022	TWENTYMILE	GRAB	Temperature, Field	9.7	Deg C		4/14/2022	
62	4/14/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3120	mg/L	L72565-05	4/19/2022	
62	4/14/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.1	mg/L	L72565-05	4/22/2022	
62	4/20/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		4/20/2022	
62	4/20/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.209	mg/L	L72619-07	4/29/2022	
62	4/20/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L72619-07	4/22/2022	
62	4/20/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		4/20/2022	
62	4/20/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L72619-07	4/22/2022	

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62	4/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72619-07	4/20/2022	
62	4/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72619-07	4/26/2022	
62	4/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2680	UMHOS/CM		4/20/2022	
62	4/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	2970	ums/cm	L72619-07	4/22/2022	
62	4/20/2022	TWENTYMILE	GRAB	Temperature, Field	16.1	Deg C		4/20/2022	
62	4/20/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2800	mg/L	L72619-07	4/26/2022	
62	5/3/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		5/3/2022	
62	5/3/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.299	mg/L	L72901-08	5/13/2022	
62	5/3/2022	TWENTYMILE	GRAB	pH Temperature	22.7	Deg C	L72901-08	5/4/2022	
62	5/3/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		5/3/2022	
62	5/3/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72901-08	5/4/2022	
62	5/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72901-08	5/3/2022	
62	5/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72901-08	5/10/2022	
62	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3590	UMHOS/CM		5/3/2022	
62	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3310	ums/cm	L72901-08	5/4/2022	
62	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	13	Deg C		5/3/2022	
62	5/3/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3150	mg/L	L72901-08	5/6/2022	
62	5/9/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		5/9/2022	
62	5/9/2022	TWENTYMILE	GRAB	pH, Field	6.8	S.U.		5/9/2022	
62	5/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3090	UMHOS/CM		5/9/2022	
62	5/9/2022	TWENTYMILE	GRAB	Temperature, Field	14.9	Deg C		5/9/2022	
62	5/11/2022	TWENTYMILE	GRAB	Arsenic, Total	< 0.002	mg/L	L73138-09	5/20/2022	
62	5/11/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.0005	mg/L	L73138-09	5/19/2022	
62	5/11/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.004	mg/L	L73138-09	5/19/2022	
62	5/11/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.004	mg/L	L73138-09	5/19/2022	
62	5/11/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		5/11/2022	
62	5/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.283	mg/L	L73138-09	5/25/2022	
62	5/11/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.001	mg/L	L73138-09	5/19/2022	
62	5/11/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.02	mg/L	L73138-09	5/16/2022	
62	5/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L73138-09	5/18/2022	
62	5/11/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L73138-09	5/16/2022	
62	5/11/2022	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		5/11/2022	
62	5/11/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.0005	mg/L	L73138-09	5/19/2022	
62	5/11/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.001	mg/L	L73138-09	5/19/2022	
62	5/11/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73138-09	5/11/2022	
62	5/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L73138-09	5/13/2022	
62	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3520	UMHOS/CM		5/11/2022	
62	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3540	ums/cm	L73138-09	5/19/2022	
62	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	17	Deg C		5/11/2022	
62	5/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3290	mg/L	L73138-09	5/17/2022	
62	5/11/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L73138-09	5/16/2022	
62	5/13/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		5/13/2022	
62	5/13/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		5/13/2022	
62	5/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3390	UMHOS/CM		5/13/2022	
62	5/13/2022	TWENTYMILE	GRAB	Temperature, Field	10.4	Deg C		5/13/2022	
62	5/17/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		5/17/2022	
62	5/17/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		5/17/2022	
62	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3510	UMHOS/CM		5/17/2022	
62	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	21.5	Deg C		5/17/2022	
62	5/18/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.31	mg/L	L73318-08	5/31/2022	
62	5/18/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L73318-08	5/27/2022	
62	5/18/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L73318-08	5/27/2022	
62	5/18/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73318-08	5/18/2022	
62	5/18/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L73318-08	5/24/2022	
62	5/18/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3640	ums/cm	L73318-08	5/27/2022	
62	5/18/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3590	mg/L	L73318-08	5/25/2022	

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62	5/26/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		5/26/2022	
62	5/26/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		5/26/2022	
62	5/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3310	UMHOS/CM		5/26/2022	
62	5/26/2022	TWENTYMILE	GRAB	Temperature, Field	22.8	Deg C		5/26/2022	
62	6/1/2022	TWENTYMILE	GRAB	Flow	0.0064	MGD		6/1/2022	
62	6/1/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.208	mg/L	L73573-06	6/1/2022	
62	6/1/2022	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L73573-06	6/7/2022	
62	6/1/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		6/1/2022	
62	6/1/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L73573-06	6/7/2022	
62	6/1/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73573-06	6/1/2022	
62	6/1/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L73573-06	6/6/2022	
62	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3360	UMHOS/CM		6/1/2022	
62	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3450	ums/cm	L73573-06	6/7/2022	
62	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	18.6	Deg C		6/1/2022	
62	6/1/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3350	mg/L	L73573-06	6/14/2022	
62	6/8/2022	TWENTYMILE	GRAB	Arsenic, Total	< 0.002	mg/L	L73737-08	6/17/2022	
62	6/8/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.00025	mg/L	L73737-08	6/15/2022	
62	6/8/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L73737-08	6/15/2022	
62	6/8/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.002	mg/L	L73737-08	6/15/2022	
62	6/8/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		6/8/2022	
62	6/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.336	mg/L	L73737-08	6/17/2022	
62	6/8/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L73737-08	6/15/2022	
62	6/8/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.117	mg/L	L73737-08	6/16/2022	
62	6/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L73737-08	6/14/2022	
62	6/8/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L73737-08	6/16/2022	
62	6/8/2022	TWENTYMILE	GRAB	pH, Field	7.4	S.U.		6/8/2022	
62	6/8/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00012	mg/L	L73737-08	6/15/2022	
62	6/8/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.0005	mg/L	L73737-08	6/15/2022	
62	6/8/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73737-08	6/8/2022	
62	6/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L73737-08	6/13/2022	
62	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3340	UMHOS/CM		6/8/2022	
62	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3680	ums/cm	L73737-08	6/22/2022	
62	6/8/2022	TWENTYMILE	GRAB	Temperature, Field	22	Deg C		6/8/2022	
62	6/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3650	mg/L	L73737-08	6/13/2022	
62	6/8/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L73737-08	6/16/2022	
62	6/15/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		6/15/2022	
62	6/15/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.825	mg/L	L73873-04	6/23/2022	
62	6/15/2022	TWENTYMILE	GRAB	pH Temperature	22.5	Deg C	L73873-04	6/22/2022	
62	6/15/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		6/15/2022	
62	6/15/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L73873-04	6/22/2022	
62	6/15/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73873-04	6/15/2022	
62	6/15/2022	TWENTYMILE	GRAB	Solids, Total Suspended	17	mg/L	L73873-04	6/15/2022	
62	6/15/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3790	UMHOS/CM		6/15/2022	
62	6/15/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3850	ums/cm	L73873-04	6/22/2022	
62	6/15/2022	TWENTYMILE	GRAB	Temperature, Field	17.3	Deg C		6/15/2022	
62	6/15/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3900	mg/L	L73873-04	6/20/2022	
62	6/22/2022	TWENTYMILE	GRAB	Flow	0.0079	MGD		6/22/2022	
62	6/22/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		6/22/2022	
62	6/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3830	UMHOS/CM		6/22/2022	
62	6/22/2022	TWENTYMILE	GRAB	Temperature, Field	21.5	Deg C		6/22/2022	
62	6/28/2022	TWENTYMILE	GRAB	Flow	0.0079	MGD		6/28/2022	
62	6/28/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		6/28/2022	
62	6/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3450	UMHOS/CM		6/28/2022	
62	6/28/2022	TWENTYMILE	GRAB	Temperature, Field	24	Deg C		6/28/2022	
62	7/6/2022	TWENTYMILE	GRAB	Flow	0.0029	MGD		7/6/2022	
62	7/6/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.07	mg/L	L74337-04	7/20/2022	

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62	7/6/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L74337-04	7/8/2022	
62	7/6/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		7/6/2022	
62	7/6/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L74337-04	7/8/2022	
62	7/6/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74337-04	7/6/2022	
62	7/6/2022	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L74337-04	7/12/2022	
62	7/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3640	UMHOS/CM		7/6/2022	
62	7/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3860	ums/cm	L74337-04	7/8/2022	
62	7/6/2022	TWENTYMILE	GRAB	Temperature, Field	23.8	Deg C		7/6/2022	
62	7/6/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3320	mg/L	L74337-04	7/11/2022	
62	7/13/2022	TWENTYMILE	GRAB	Arsenic, Total	< 0.005	mg/L	L74510-04	7/20/2022	
62	7/13/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.00125	mg/L	L74510-04	7/19/2022	
62	7/13/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.01	mg/L	L74510-04	7/19/2022	
62	7/13/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.01	mg/L	L74510-04	7/19/2022	
62	7/13/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		7/13/2022	
62	7/13/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.954	mg/L	L74510-04	7/22/2022	
62	7/13/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0025	mg/L	L74510-04	7/19/2022	
62	7/13/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.381	mg/L	L74510-04	7/23/2022	
62	7/13/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L74510-04	7/19/2022	
62	7/13/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.2	mg/L	L74510-04	7/23/2022	
62	7/13/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		7/13/2022	
62	7/13/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.00125	mg/L	L74510-04	7/19/2022	
62	7/13/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.0025	mg/L	L74510-04	7/19/2022	
62	7/13/2022	TWENTYMILE	GRAB	Solids, Settleable	0.1	mL/L	L74510-04	7/13/2022	
62	7/13/2022	TWENTYMILE	GRAB	Solids, Total Suspended	13	mg/L	L74510-04	7/14/2022	
62	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3880	UMHOS/CM		7/13/2022	
62	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4060	ums/cm	L74510-04	7/15/2022	
62	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	24.5	Deg C		7/13/2022	
62	7/13/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4100	mg/L	L74510-04	7/14/2022	
62	7/13/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	0.252	mg/L	L74510-04	7/23/2022	
62	7/20/2022	TWENTYMILE	GRAB	Flow	0.0001	MGD		7/20/2022	
62	7/20/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.22	mg/L	L74645-05	7/27/2022	
62	7/20/2022	TWENTYMILE	GRAB	pH Temperature	21.3	Deg C	L74645-05	7/27/2022	
62	7/20/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		7/20/2022	
62	7/20/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L74645-05	7/27/2022	
62	7/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74645-05	7/20/2022	
62	7/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	12	mg/L	L74645-05	8/4/2022	
62	7/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3990	UMHOS/CM		7/20/2022	
62	7/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4170	ums/cm	L74645-05	7/27/2022	
62	7/20/2022	TWENTYMILE	GRAB	Temperature, Field	23	Deg C		7/20/2022	
62	7/20/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4220	mg/L	L74645-05	8/2/2022	
62	7/26/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		7/26/2022	
62	7/26/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		7/26/2022	
62	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3490	UMHOS/CM		7/26/2022	
62	7/26/2022	TWENTYMILE	GRAB	Temperature, Field	25.4	Deg C		7/26/2022	
62	8/3/2022	TWENTYMILE	GRAB	Flow	0.0029	MGD		8/3/2022	
62	8/3/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.04	mg/L	L74929-05	8/16/2022	
62	8/3/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L74929-05	8/9/2022	
62	8/3/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		8/3/2022	
62	8/3/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L74929-05	8/9/2022	
62	8/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L74929-05	8/3/2022	
62	8/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	12	mg/L	L74929-05	8/9/2022	
62	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4070	UMHOS/CM		8/3/2022	
62	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4060	ums/cm	L74929-05	8/9/2022	
62	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	25.7	Deg C		8/3/2022	
62	8/3/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4230	mg/L	L74929-05	8/9/2022	
62	8/11/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00055	mg/L	L75096-04	8/18/2022	

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62	8/11/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.0005	mg/L	L75096-04	8/19/2022	
62	8/11/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.004	mg/L	L75096-04	8/19/2022	
62	8/11/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.004	mg/L	L75096-04	8/19/2022	
62	8/11/2022	TWENTYMILE	GRAB	Flow	0.0029	MGD		8/11/2022	
62	8/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.09	mg/L	L75096-04	8/25/2022	
62	8/11/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.001	mg/L	L75096-04	8/19/2022	
62	8/11/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.261	mg/L	L75096-04	8/27/2022	
62	8/11/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75096-04	8/16/2022	
62	8/11/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.2	mg/L	L75096-04	8/27/2022	
62	8/11/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		8/11/2022	
62	8/11/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00052	mg/L	L75096-04	8/19/2022	
62	8/11/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.001	mg/L	L75096-04	8/19/2022	
62	8/11/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75096-04	8/11/2022	
62	8/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	12	mg/L	L75096-04	8/17/2022	
62	8/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4230	UMHOS/CM		8/11/2022	
62	8/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3900	ums/cm	L75096-04	8/12/2022	
62	8/11/2022	TWENTYMILE	GRAB	Temperature, Field	18.3	Deg C		8/11/2022	
62	8/11/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4280	mg/L	L75096-04	8/22/2022	
62	8/11/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.25	mg/L	L75096-04	8/27/2022	
62	8/16/2022	TWENTYMILE	GRAB	Flow	0.0029	MGD		8/16/2022	
62	8/16/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.888	mg/L	L75201-04	8/30/2022	
62	8/16/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L75201-04	8/17/2022	
62	8/16/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		8/16/2022	
62	8/16/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L75201-04	8/17/2022	
62	8/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L75201-04	8/16/2022	
62	8/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	21	mg/L	L75201-04	8/19/2022	
62	8/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3790	UMHOS/CM		8/16/2022	
62	8/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3760	ums/cm	L75201-04	8/17/2022	
62	8/16/2022	TWENTYMILE	GRAB	Temperature, Field	23.9	Deg C		8/16/2022	
62	8/16/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4020	mg/L	L75201-04	8/20/2022	
62	8/24/2022	TWENTYMILE	GRAB	Flow	0.0029	MGD		8/24/2022	
62	8/24/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		8/24/2022	
62	8/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3380	UMHOS/CM		8/24/2022	
62	8/24/2022	TWENTYMILE	GRAB	Temperature, Field	18.8	Deg C		8/24/2022	
62	8/31/2022	TWENTYMILE	GRAB	Flow	0.0029	MGD		8/31/2022	
62	8/31/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		8/31/2022	
62	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3867	UMHOS/CM		8/31/2022	
62	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	22.1	Deg C		8/31/2022	
62	9/8/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		9/8/2022	
62	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.743	mg/L	L75698-04	9/19/2022	
62	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L75698-04	9/16/2022	
62	9/8/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		9/8/2022	
62	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.1	S.U.	L75698-04	9/16/2022	
62	9/8/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75698-04	9/8/2022	
62	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	16	mg/L	L75698-04	9/14/2022	
62	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3820	UMHOS/CM		9/8/2022	
62	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4190	ums/cm	L75698-04	9/16/2022	
62	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	20.1	Deg C		9/8/2022	
62	9/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4100	mg/L	L75698-04	9/14/2022	
62	9/15/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00079	mg/L	L75892-04	9/21/2022	
62	9/15/2022	TWENTYMILE	GRAB	Cadmium, Potentially Dissolvable	< 0.00025	mg/L	L75892-04	9/20/2022	
62	9/15/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L75892-04	9/20/2022	
62	9/15/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.002	mg/L	L75892-04	9/20/2022	
62	9/15/2022	TWENTYMILE	GRAB	Flow	0.0038	MGD		9/15/2022	
62	9/15/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	1.51	mg/L	L75892-04	9/26/2022	
62	9/15/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	0.00037	mg/L	L75892-04	9/20/2022	

62	9/15/2022	TWENTYMILE	GRAB	Manganese, Potentially Dissolvable	0.07	mg/L	L75892-04	9/21/2022	
62	9/15/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L75892-04	9/21/2022	
62	9/15/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L75892-04	9/21/2022	
62	9/15/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		9/15/2022	
62	9/15/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.00025	mg/L	L75892-04	9/20/2022	
62	9/15/2022	TWENTYMILE	GRAB	Silver, Potentially Dissolvable	< 0.0005	mg/L	L75892-04	9/20/2022	
62	9/15/2022	TWENTYMILE	GRAB	Solids, Settleable	0.1	mL/L	L75892-04	9/15/2022	
62	9/15/2022	TWENTYMILE	GRAB	Solids, Total Suspended	37	mg/L	L75892-04	9/21/2022	
62	9/15/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4030	UMHOS/CM		9/15/2022	
62	9/15/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3840	ums/cm	L75892-04	10/7/2022	
62	9/15/2022	TWENTYMILE	GRAB	Temperature, Field	17.8	Deg C		9/15/2022	
62	9/15/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3920	mg/L	L75892-04	9/22/2022	
62	9/15/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	0.035	mg/L	L75892-04	9/21/2022	
62	9/16/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		9/16/2022	
62	9/16/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		9/16/2022	
62	9/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3790	UMHOS/CM		9/16/2022	
62	9/16/2022	TWENTYMILE	GRAB	Temperature, Field	12.5	Deg C		9/16/2022	
62	9/19/2022	TWENTYMILE	GRAB	Flow	0.0029	MGD		9/19/2022	
62	9/19/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		9/19/2022	
62	9/19/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3520	UMHOS/CM		9/19/2022	
62	9/19/2022	TWENTYMILE	GRAB	Temperature, Field	18.3	Deg C		9/19/2022	
62	9/21/2022	TWENTYMILE	GRAB	Flow	0.0029	MGD		9/21/2022	
62	9/21/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.689	mg/L	L76077-07	9/30/2022	
62	9/21/2022	TWENTYMILE	GRAB	pH Temperature	20.6	Deg C	L76077-07	10/7/2022	
62	9/21/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		9/21/2022	
62	9/21/2022	TWENTYMILE	GRAB	pH, Lab	8.2	S.U.	L76077-07	10/7/2022	
62	9/21/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L76077-07	9/21/2022	
62	9/21/2022	TWENTYMILE	GRAB	Solids, Total Suspended	20	mg/L	L76077-07	9/26/2022	
62	9/21/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3460	UMHOS/CM		9/21/2022	
62	9/21/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3670	ums/cm	L76077-07	10/7/2022	
62	9/21/2022	TWENTYMILE	GRAB	Temperature, Field	19.4	Deg C		9/21/2022	
62	9/21/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3720	mg/L	L76077-07	9/28/2022	
62	9/21/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3670	ums/cm	L76077-08	10/7/2022	
62	9/21/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3860	mg/L	L76077-08	9/28/2022	
62	9/28/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		9/28/2022	
62	9/28/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		9/28/2022	
62	9/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3590	UMHOS/CM		9/28/2022	
62	9/28/2022	TWENTYMILE	GRAB	Temperature, Field	19.8	Deg C		9/28/2022	
63	10/13/2021	TWENTYMILE	GRAB	Flow	0.0014864	MGD		10/13/2021	
63	10/13/2021	TWENTYMILE	GRAB	Iron, Total	0.065	mg/L	L69208-01	10/20/2021	
63	10/13/2021	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L69208-01	10/15/2021	
63	10/13/2021	TWENTYMILE	GRAB	pH, Field	8.8	S.U.		10/13/2021	
63	10/13/2021	TWENTYMILE	GRAB	pH, Lab	9	S.U.	L69208-01	10/15/2021	
63	10/13/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69208-01	10/13/2021	
63	10/13/2021	TWENTYMILE	GRAB	Solids, Total Suspended	14	mg/L	L69208-01	10/19/2021	
63	10/13/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5840	UMHOS/CM		10/13/2021	
63	10/13/2021	TWENTYMILE	GRAB	Temperature, Field	5.2	Deg C		10/13/2021	
63	10/21/2021	TWENTYMILE	GRAB	Flow	0.0014864	MGD		10/21/2021	
63	10/21/2021	TWENTYMILE	GRAB	Iron, Total	0.084	mg/L	L69405-01	10/31/2021	
63	10/21/2021	TWENTYMILE	GRAB	pH Temperature	23.1	Deg C	L69405-01	10/29/2021	
63	10/21/2021	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		10/21/2021	
63	10/21/2021	TWENTYMILE	GRAB	pH, Lab	8.9	S.U.	L69405-01	10/29/2021	
63	10/21/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69405-01	10/21/2021	
63	10/21/2021	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L69405-01	10/26/2021	
63	10/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5640	UMHOS/CM		10/21/2021	
63	10/21/2021	TWENTYMILE	GRAB	Temperature, Field	8	Deg C		10/21/2021	

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63	10/27/2021	TWENTYMILE	GRAB	Flow	0.0014864	MGD		10/27/2021	
63	10/27/2021	TWENTYMILE	GRAB	Iron, Total	0.173	mg/L	L69533-01	11/5/2021	
63	10/27/2021	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L69533-01	11/5/2021	
63	10/27/2021	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		10/27/2021	
63	10/27/2021	TWENTYMILE	GRAB	pH, Lab	8.9	S.U.	L69533-01	11/5/2021	
63	10/27/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69533-01	10/27/2021	
63	10/27/2021	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L69533-01	11/2/2021	
63	10/27/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5290	UMHOS/CM		10/27/2021	
63	10/27/2021	TWENTYMILE	GRAB	Temperature, Field	10.3	Deg C		10/27/2021	
63	10/27/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	5450	ums/cm	L69533-02	11/5/2021	
63	10/27/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	4190	mg/L	L69533-02	11/2/2021	
63	11/2/2021	TWENTYMILE	GRAB	Flow	0.000517	MGD		11/2/2021	
63	11/2/2021	TWENTYMILE	GRAB	Iron, Total	< 0.15	mg/L	L69649-01	11/11/2021	
63	11/2/2021	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L69649-01	11/12/2021	
63	11/2/2021	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		11/2/2021	
63	11/2/2021	TWENTYMILE	GRAB	pH, Lab	8.9	S.U.	L69649-01	11/12/2021	
63	11/2/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69649-01	11/2/2021	
63	11/2/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69649-01	11/5/2021	
63	11/2/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4880	UMHOS/CM		11/2/2021	
63	11/2/2021	TWENTYMILE	GRAB	Temperature, Field	8.9	Deg C		11/2/2021	
63	11/10/2021	TWENTYMILE	GRAB	Flow	0.000517	MGD		11/10/2021	
63	11/10/2021	TWENTYMILE	GRAB	Iron, Total	0.117	mg/L	L69827-01	11/19/2021	
63	11/10/2021	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L69827-01	11/19/2021	
63	11/10/2021	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		11/10/2021	
63	11/10/2021	TWENTYMILE	GRAB	pH, Lab	8.9	S.U.	L69827-01	11/19/2021	
63	11/10/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69827-01	11/10/2021	
63	11/10/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69827-01	11/16/2021	
63	11/10/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5030	UMHOS/CM		11/10/2021	
63	11/10/2021	TWENTYMILE	GRAB	Temperature, Field	7.3	Deg C		11/10/2021	
63	11/17/2021	TWENTYMILE	GRAB	Flow	0.000517	MGD		11/17/2021	
63	11/17/2021	TWENTYMILE	GRAB	Iron, Total	0.133	mg/L	L69956-01	11/29/2021	
63	11/17/2021	TWENTYMILE	GRAB	pH Temperature	22.5	Deg C	L69956-01	11/30/2021	
63	11/17/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		11/17/2021	
63	11/17/2021	TWENTYMILE	GRAB	pH, Lab	8.8	S.U.	L69956-01	11/30/2021	
63	11/17/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69956-01	11/17/2021	
63	11/17/2021	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L69956-01	11/17/2021	
63	11/17/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5040	UMHOS/CM		11/17/2021	
63	11/17/2021	TWENTYMILE	GRAB	Temperature, Field	7.2	Deg C		11/17/2021	
63	11/23/2021	TWENTYMILE	GRAB	Flow	0.0529297	MGD		11/23/2021	
63	11/23/2021	TWENTYMILE	GRAB	Iron, Total	0.099	mg/L	L70084-01	12/2/2021	
63	11/23/2021	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L70084-01	12/1/2021	
63	11/23/2021	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		11/23/2021	
63	11/23/2021	TWENTYMILE	GRAB	pH, Lab	8.8	S.U.	L70084-01	12/1/2021	
63	11/23/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70084-01	11/23/2021	
63	11/23/2021	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L70084-01	11/29/2021	
63	11/23/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5000	UMHOS/CM		11/23/2021	
63	11/23/2021	TWENTYMILE	GRAB	Temperature, Field	9.2	Deg C		11/23/2021	
63	12/1/2021	TWENTYMILE	GRAB	Flow	0.0014864	MGD		12/1/2021	
63	12/1/2021	TWENTYMILE	GRAB	Iron, Total	< 0.15	mg/L	L70175-01	12/10/2021	
63	12/1/2021	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L70175-01	12/7/2021	
63	12/1/2021	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		12/1/2021	
63	12/1/2021	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L70175-01	12/7/2021	
63	12/1/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70175-01	12/1/2021	
63	12/1/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70175-01	12/8/2021	
63	12/1/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4970	UMHOS/CM		12/1/2021	
63	12/1/2021	TWENTYMILE	GRAB	Temperature, Field	8.5	Deg C		12/1/2021	
63	12/8/2021	TWENTYMILE	GRAB	Flow	0.0043947	MGD		12/8/2021	

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63	12/8/2021	TWENTYMILE	GRAB	Iron, Total	0.074	mg/L	L70331-01	12/15/2021	
63	12/8/2021	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L70331-01	12/18/2021	
63	12/8/2021	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		12/8/2021	
63	12/8/2021	TWENTYMILE	GRAB	pH, Lab	8.8	S.U.	L70331-01	12/18/2021	
63	12/8/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70331-01	12/8/2021	
63	12/8/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70331-01	12/10/2021	
63	12/8/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5270	UMHOS/CM		12/8/2021	
63	12/8/2021	TWENTYMILE	GRAB	Temperature, Field	6.1	Deg C		12/8/2021	
63	12/15/2021	TWENTYMILE	GRAB	Flow	0.0529297	MGD		12/15/2021	
63	12/15/2021	TWENTYMILE	GRAB	Iron, Total	0.346	mg/L	L70483-01	12/22/2021	
63	12/15/2021	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L70483-01	12/22/2021	
63	12/15/2021	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		12/15/2021	
63	12/15/2021	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L70483-01	12/22/2021	
63	12/15/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70483-01	12/15/2021	
63	12/15/2021	TWENTYMILE	GRAB	Solids, Total Suspended	27	mg/L	L70483-01	12/17/2021	
63	12/15/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5750	UMHOS/CM		12/15/2021	
63	12/15/2021	TWENTYMILE	GRAB	Temperature, Field	2.9	Deg C		12/15/2021	
63	12/21/2021	TWENTYMILE	GRAB	Flow	0.0043947	MGD		12/21/2021	
63	12/21/2021	TWENTYMILE	GRAB	Iron, Total	0.197	mg/L	L70618-01	12/29/2021	
63	12/21/2021	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L70618-01	12/30/2021	
63	12/21/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		12/21/2021	
63	12/21/2021	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L70618-01	12/30/2021	
63	12/21/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70618-01	12/21/2021	
63	12/21/2021	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L70618-01	12/22/2021	
63	12/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4750	UMHOS/CM		12/21/2021	
63	12/21/2021	TWENTYMILE	GRAB	Temperature, Field	4.4	Deg C		12/21/2021	
63	12/28/2021	TWENTYMILE	GRAB	Flow	0.000517	MGD		12/28/2021	
63	12/28/2021	TWENTYMILE	GRAB	Iron, Total	< 0.3	mg/L	L70673-01	1/5/2022	
63	12/28/2021	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L70673-01	12/31/2021	
63	12/28/2021	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		12/28/2021	
63	12/28/2021	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L70673-01	12/31/2021	
63	12/28/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70673-01	12/29/2021	
63	12/28/2021	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L70673-01	12/30/2021	
63	12/28/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4960	UMHOS/CM		12/28/2021	
63	12/28/2021	TWENTYMILE	GRAB	Temperature, Field	2	Deg C		12/28/2021	
63	1/5/2022	TWENTYMILE	GRAB	Flow	0.000517	MGD		1/5/2022	
63	1/5/2022	TWENTYMILE	GRAB	Iron, Total	0.219	mg/L	L70745-01	1/12/2022	
63	1/5/2022	TWENTYMILE	GRAB	pH Temperature	21.4	Deg C	L70745-01	1/11/2022	
63	1/5/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		1/5/2022	
63	1/5/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L70745-01	1/11/2022	
63	1/5/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70745-01	1/6/2022	
63	1/5/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L70745-01	1/7/2022	
63	1/5/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4220	UMHOS/CM		1/5/2022	
63	1/5/2022	TWENTYMILE	GRAB	Temperature, Field	2.1	Deg C		1/5/2022	
63	1/12/2022	TWENTYMILE	GRAB	Flow	0.000517	MGD		1/12/2022	
63	1/12/2022	TWENTYMILE	GRAB	Iron, Total	0.542	mg/L	L70886-01	1/17/2022	
63	1/12/2022	TWENTYMILE	GRAB	pH Temperature	22.5	Deg C	L70886-01	1/14/2022	
63	1/12/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		1/12/2022	
63	1/12/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L70886-01	1/14/2022	
63	1/12/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70886-01	1/12/2022	
63	1/12/2022	TWENTYMILE	GRAB	Solids, Total Suspended	23	mg/L	L70886-01	1/13/2022	
63	1/12/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3980	UMHOS/CM		1/12/2022	
63	1/12/2022	TWENTYMILE	GRAB	Temperature, Field	2.4	Deg C		1/12/2022	
63	1/19/2022	TWENTYMILE	GRAB	Flow	0.0180956	MGD		1/19/2022	
63	1/19/2022	TWENTYMILE	GRAB	Iron, Total	0.545	mg/L	L71015-01	1/26/2022	
63	1/19/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L71015-01	1/26/2022	
63	1/19/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		1/19/2022	

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63	1/19/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71015-01	1/26/2022	
63	1/19/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L71015-01	1/19/2022	
63	1/19/2022	TWENTYMILE	GRAB	Solids, Total Suspended	52	mg/L	L71015-01	1/20/2022	
63	1/19/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3990	UMHOS/CM		1/19/2022	
63	1/19/2022	TWENTYMILE	GRAB	Temperature, Field	3.7	Deg C		1/19/2022	
63	1/27/2022	TWENTYMILE	GRAB	Flow	0.0181	MGD		1/27/2022	
63	1/27/2022	TWENTYMILE	GRAB	Iron, Total	0.691	mg/L	L71164-01	2/5/2022	
63	1/27/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L71164-01	1/28/2022	
63	1/27/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		1/27/2022	
63	1/27/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71164-01	1/28/2022	
63	1/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71164-01	1/27/2022	
63	1/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	55	mg/L	L71164-01	1/27/2022	
63	1/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3140	UMHOS/CM		1/27/2022	
63	1/27/2022	TWENTYMILE	GRAB	Temperature, Field	5.8	Deg C		1/27/2022	
63	2/3/2022	TWENTYMILE	GRAB	Flow	0.0181	MGD		2/3/2022	
63	2/3/2022	TWENTYMILE	GRAB	Iron, Total	0.293	mg/L	L71257-01	2/15/2022	
63	2/3/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L71257-01	2/3/2022	
63	2/3/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		2/3/2022	
63	2/3/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71257-01	2/3/2022	
63	2/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71257-01	2/3/2022	
63	2/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	12	mg/L	L71257-01	2/3/2022	
63	2/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4010	UMHOS/CM		2/3/2022	
63	2/3/2022	TWENTYMILE	GRAB	Temperature, Field	5	Deg C		2/3/2022	
63	2/9/2022	TWENTYMILE	GRAB	Flow	0.0339	MGD		2/9/2022	
63	2/9/2022	TWENTYMILE	GRAB	Iron, Total	0.47	mg/L	L71347-01	2/17/2022	
63	2/9/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L71347-01	2/10/2022	
63	2/9/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		2/9/2022	
63	2/9/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71347-01	2/10/2022	
63	2/9/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71347-01	2/9/2022	
63	2/9/2022	TWENTYMILE	GRAB	Solids, Total Suspended	37	mg/L	L71347-01	2/9/2022	
63	2/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4120	UMHOS/CM		2/9/2022	
63	2/9/2022	TWENTYMILE	GRAB	Temperature, Field	5.3	Deg C		2/9/2022	
63	2/16/2022	TWENTYMILE	GRAB	Flow	0.0181	MGD		2/16/2022	
63	2/16/2022	TWENTYMILE	GRAB	Iron, Total	0.417	mg/L	L71494-01	2/22/2022	
63	2/16/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L71494-01	2/25/2022	
63	2/16/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		2/16/2022	
63	2/16/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L71494-01	2/25/2022	
63	2/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71494-01	2/16/2022	
63	2/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	41	mg/L	L71494-01	2/18/2022	
63	2/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3740	UMHOS/CM		2/16/2022	
63	2/16/2022	TWENTYMILE	GRAB	Temperature, Field	5.3	Deg C		2/16/2022	
63	2/24/2022	TWENTYMILE	GRAB	Flow	0.0339	MGD		2/24/2022	
63	2/24/2022	TWENTYMILE	GRAB	Iron, Total	0.251	mg/L	L71655-01	3/3/2022	
63	2/24/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L71655-01	2/25/2022	
63	2/24/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		2/24/2022	
63	2/24/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71655-01	2/25/2022	
63	2/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71655-01	2/24/2022	
63	2/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	16	mg/L	L71655-01	2/25/2022	
63	2/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3650	UMHOS/CM		2/24/2022	
63	2/24/2022	TWENTYMILE	GRAB	Temperature, Field	5.1	Deg C		2/24/2022	
63	3/2/2022	TWENTYMILE	GRAB	Flow	0.0748	MGD		3/2/2022	
63	3/2/2022	TWENTYMILE	GRAB	Iron, Total	0.752	mg/L	L71737-01	3/11/2022	
63	3/2/2022	TWENTYMILE	GRAB	pH Temperature	19.3	Deg C	L71737-01	3/3/2022	
63	3/2/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/2/2022	
63	3/2/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71737-01	3/3/2022	
63	3/2/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L71737-01	3/2/2022	
63	3/2/2022	TWENTYMILE	GRAB	Solids, Total Suspended	11	mg/L	L71737-01	3/2/2022	

63	3/2/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3150	UMHOS/CM		3/2/2022	
63	3/2/2022	TWENTYMILE	GRAB	Temperature, Field	4.8	Deg C		3/2/2022	
63	3/10/2022	TWENTYMILE	GRAB	Flow	0.0657	MGD		3/10/2022	
63	3/10/2022	TWENTYMILE	GRAB	Iron, Total	0.183	mg/L	L71924-01	3/21/2022	
63	3/10/2022	TWENTYMILE	GRAB	pH Temperature	21.2	Deg C	L71924-01	3/12/2022	
63	3/10/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		3/10/2022	
63	3/10/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71924-01	3/12/2022	
63	3/10/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L71924-01	3/10/2022	
63	3/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	34	mg/L	L71924-01	3/14/2022	
63	3/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3740	UMHOS/CM		3/10/2022	
63	3/10/2022	TWENTYMILE	GRAB	Temperature, Field	3.5	Deg C		3/10/2022	
63	3/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4390	ums/cm	L71924-02	3/12/2022	
63	3/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3250	mg/L	L71924-02	3/16/2022	
63	3/16/2022	TWENTYMILE	GRAB	Flow	0.1316	MGD		3/16/2022	
63	3/16/2022	TWENTYMILE	GRAB	Iron, Total	0.714	mg/L	L71995-01	3/25/2022	
63	3/16/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L71995-01	3/19/2022	
63	3/16/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		3/16/2022	
63	3/16/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71995-01	3/19/2022	
63	3/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71995-01	3/16/2022	
63	3/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	37	mg/L	L71995-01	3/17/2022	
63	3/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3340	UMHOS/CM		3/16/2022	
63	3/16/2022	TWENTYMILE	GRAB	Temperature, Field	8	Deg C		3/16/2022	
63	3/24/2022	TWENTYMILE	GRAB	Flow	0.0992	MGD		3/24/2022	
63	3/24/2022	TWENTYMILE	GRAB	Iron, Total	0.481	mg/L	L72161-01	4/5/2022	
63	3/24/2022	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L72161-01	3/29/2022	
63	3/24/2022	TWENTYMILE	GRAB	pH, Field	7.7	S.U.		3/24/2022	
63	3/24/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72161-01	3/29/2022	
63	3/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72161-01	3/24/2022	
63	3/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	26	mg/L	L72161-01	3/29/2022	
63	3/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3420	UMHOS/CM		3/24/2022	
63	3/24/2022	TWENTYMILE	GRAB	Temperature, Field	7.8	Deg C		3/24/2022	
63	3/30/2022	TWENTYMILE	GRAB	Flow	0.1204	MGD		3/30/2022	
63	3/30/2022	TWENTYMILE	GRAB	Iron, Total	1	mg/L	L72280-01	4/7/2022	
63	3/30/2022	TWENTYMILE	GRAB	pH Temperature	23	Deg C	L72280-01	4/5/2022	
63	3/30/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		3/30/2022	
63	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L72280-01	4/5/2022	
63	3/30/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72280-01	3/30/2022	
63	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	17	mg/L	L72280-01	3/31/2022	
63	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3270	UMHOS/CM		3/30/2022	
63	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	8.6	Deg C		3/30/2022	
63	4/6/2022	TWENTYMILE	GRAB	Flow	0.1204	MGD		4/6/2022	
63	4/6/2022	TWENTYMILE	GRAB	Iron, Total	0.516	mg/L	L72361-01	4/13/2022	
63	4/6/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L72361-01	4/16/2022	
63	4/6/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		4/6/2022	
63	4/6/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72361-01	4/16/2022	
63	4/6/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72361-01	4/6/2022	
63	4/6/2022	TWENTYMILE	GRAB	Solids, Total Suspended	47	mg/L	L72361-01	4/8/2022	
63	4/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3390	UMHOS/CM		4/6/2022	
63	4/6/2022	TWENTYMILE	GRAB	Temperature, Field	9.5	Deg C		4/6/2022	
63	4/14/2022	TWENTYMILE	GRAB	Flow	0.149	MGD		4/14/2022	
63	4/14/2022	TWENTYMILE	GRAB	Iron, Total	0.551	mg/L	L72565-01	4/28/2022	
63	4/14/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L72565-01	4/20/2022	
63	4/14/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/14/2022	
63	4/14/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72565-01	4/20/2022	
63	4/14/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72565-01	4/14/2022	
63	4/14/2022	TWENTYMILE	GRAB	Solids, Total Suspended	46	mg/L	L72565-01	4/18/2022	

63	4/14/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3960	UMHOS/CM		4/14/2022	
63	4/14/2022	TWENTYMILE	GRAB	Temperature, Field	9.5	Deg C		4/14/2022	
63	4/20/2022	TWENTYMILE	GRAB	Flow	0.1316	MGD		4/20/2022	
63	4/20/2022	TWENTYMILE	GRAB	Iron, Total	0.378	mg/L	L72619-01	4/29/2022	
63	4/20/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L72619-01	4/22/2022	
63	4/20/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		4/20/2022	
63	4/20/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L72619-01	4/22/2022	
63	4/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72619-01	4/20/2022	
63	4/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	36	mg/L	L72619-01	4/26/2022	
63	4/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4190	UMHOS/CM		4/20/2022	
63	4/20/2022	TWENTYMILE	GRAB	Temperature, Field	13.6	Deg C		4/20/2022	
63	4/26/2022	TWENTYMILE	GRAB	Flow	0.0449	MGD		4/26/2022	
63	4/26/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		4/26/2022	
63	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4290	UMHOS/CM		4/26/2022	
63	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	15.4	Deg C		4/26/2022	
63	4/27/2022	TWENTYMILE	GRAB	Iron, Total	0.116	mg/L	L72785-03	5/10/2022	
63	4/27/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L72785-03	4/28/2022	
63	4/27/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72785-03	4/28/2022	
63	4/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72785-03	4/27/2022	
63	4/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	16	mg/L	L72785-03	4/29/2022	
63	5/3/2022	TWENTYMILE	GRAB	Flow	0.0891	MGD		5/3/2022	
63	5/3/2022	TWENTYMILE	GRAB	Iron, Total	0.4	mg/L	L72901-04	5/16/2022	
63	5/3/2022	TWENTYMILE	GRAB	pH Temperature	22.7	Deg C	L72901-04	5/4/2022	
63	5/3/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		5/3/2022	
63	5/3/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72901-04	5/4/2022	
63	5/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72901-04	5/3/2022	
63	5/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	21	mg/L	L72901-04	5/10/2022	
63	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4350	UMHOS/CM		5/3/2022	
63	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	11.9	Deg C		5/3/2022	
63	5/11/2022	TWENTYMILE	GRAB	Flow	0.0702	MGD		5/11/2022	
63	5/11/2022	TWENTYMILE	GRAB	Iron, Total	< 0.3	mg/L	L73138-01	5/24/2022	
63	5/11/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L73138-01	5/19/2022	
63	5/11/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		5/11/2022	
63	5/11/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L73138-01	5/19/2022	
63	5/11/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73138-01	5/11/2022	
63	5/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	21	mg/L	L73138-01	5/13/2022	
63	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4310	UMHOS/CM		5/11/2022	
63	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	13.9	Deg C		5/11/2022	
63	5/17/2022	TWENTYMILE	GRAB	Flow	0.0529	MGD		5/17/2022	
63	5/17/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/17/2022	
63	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4070	UMHOS/CM		5/17/2022	
63	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	18.6	Deg C		5/17/2022	
63	5/18/2022	TWENTYMILE	GRAB	Iron, Total	0.129	mg/L	L73318-01	5/31/2022	
63	5/18/2022	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L73318-01	5/27/2022	
63	5/18/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L73318-01	5/27/2022	
63	5/18/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73318-01	5/18/2022	
63	5/18/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L73318-01	5/24/2022	
63	5/25/2022	TWENTYMILE	GRAB	Flow	0.0339	MGD		5/25/2022	
63	5/25/2022	TWENTYMILE	GRAB	Iron, Total	0.088	mg/L	L73442-01	6/8/2022	
63	5/25/2022	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L73442-01	6/1/2022	
63	5/25/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		5/25/2022	
63	5/25/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L73442-01	6/1/2022	
63	5/25/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L73442-01	5/25/2022	
63	5/25/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L73442-01	6/1/2022	
63	5/25/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4000	UMHOS/CM		5/25/2022	
63	5/25/2022	TWENTYMILE	GRAB	Temperature, Field	16.8	Deg C		5/25/2022	

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63	6/1/2022	TWENTYMILE	GRAB	Flow	0.0209	MGD		6/1/2022	
63	6/1/2022	TWENTYMILE	GRAB	Iron, Total	0.311	mg/L	L73573-04	6/14/2022	
63	6/1/2022	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L73573-04	6/7/2022	
63	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		6/1/2022	
63	6/1/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L73573-04	6/7/2022	
63	6/1/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73573-04	6/1/2022	
63	6/1/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L73573-04	6/6/2022	
63	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3140	UMHOS/CM		6/1/2022	
63	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	15.1	Deg C		6/1/2022	
63	6/8/2022	TWENTYMILE	GRAB	Flow	0.0842	MGD		6/8/2022	
63	6/8/2022	TWENTYMILE	GRAB	Iron, Total	0.468	mg/L	L73737-01	6/20/2022	
63	6/8/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L73737-01	6/22/2022	
63	6/8/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		6/8/2022	
63	6/8/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L73737-01	6/22/2022	
63	6/8/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73737-01	6/8/2022	
63	6/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	18	mg/L	L73737-01	6/13/2022	
63	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4270	UMHOS/CM		6/8/2022	
63	6/8/2022	TWENTYMILE	GRAB	Temperature, Field	19.7	Deg C		6/8/2022	
63	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4440	ums/cm	L73737-02	6/22/2022	
63	6/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3250	mg/L	L73737-02	6/13/2022	
63	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3690	ums/cm	L73737-09	6/22/2022	
63	6/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3620	mg/L	L73737-09	6/13/2022	
63	6/15/2022	TWENTYMILE	GRAB	Flow	0.0271	MGD		6/15/2022	
63	6/15/2022	TWENTYMILE	GRAB	Iron, Total	0.36	mg/L	L73873-01	6/25/2022	
63	6/15/2022	TWENTYMILE	GRAB	pH Temperature	20.7	Deg C	L73873-01	6/22/2022	
63	6/15/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		6/15/2022	
63	6/15/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L73873-01	6/22/2022	
63	6/15/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73873-01	6/15/2022	
63	6/15/2022	TWENTYMILE	GRAB	Solids, Total Suspended	13	mg/L	L73873-01	6/15/2022	
63	6/15/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4470	UMHOS/CM		6/15/2022	
63	6/15/2022	TWENTYMILE	GRAB	Temperature, Field	16.6	Deg C		6/15/2022	
63	6/22/2022	TWENTYMILE	GRAB	Flow	0.0304	MGD		6/22/2022	
63	6/22/2022	TWENTYMILE	GRAB	Iron, Total	0.31	mg/L	L74062-01	7/7/2022	
63	6/22/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L74062-01	6/30/2022	
63	6/22/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		6/22/2022	
63	6/22/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L74062-01	6/30/2022	
63	6/22/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74062-01	6/22/2022	
63	6/22/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L74062-01	6/24/2022	
63	6/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4580	UMHOS/CM		6/22/2022	
63	6/22/2022	TWENTYMILE	GRAB	Temperature, Field	21.8	Deg C		6/22/2022	
63	6/29/2022	TWENTYMILE	GRAB	Flow	0.0104	MGD		6/29/2022	
63	6/29/2022	TWENTYMILE	GRAB	Iron, Total	0.33	mg/L	L74203-01	7/13/2022	
63	6/29/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L74203-01	7/7/2022	
63	6/29/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		6/29/2022	
63	6/29/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74203-01	7/7/2022	
63	6/29/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74203-01	6/29/2022	
63	6/29/2022	TWENTYMILE	GRAB	Solids, Total Suspended	11	mg/L	L74203-01	6/29/2022	
63	6/29/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4520	UMHOS/CM		6/29/2022	
63	6/29/2022	TWENTYMILE	GRAB	Temperature, Field	21.7	Deg C		6/29/2022	
63	7/6/2022	TWENTYMILE	GRAB	Flow	0.0862	MGD		7/6/2022	
63	7/6/2022	TWENTYMILE	GRAB	Iron, Total	0.412	mg/L	L74337-01	7/16/2022	
63	7/6/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L74337-01	7/8/2022	
63	7/6/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		7/6/2022	
63	7/6/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74337-01	7/8/2022	
63	7/6/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74337-01	7/6/2022	
63	7/6/2022	TWENTYMILE	GRAB	Solids, Total Suspended	16	mg/L	L74337-01	7/12/2022	
63	7/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4360	UMHOS/CM		7/6/2022	

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63	7/6/2022	TWENTYMILE	GRAB	Temperature, Field	24.5	Deg C		7/6/2022	
63	7/13/2022	TWENTYMILE	GRAB	Flow	0.00842	MGD		7/13/2022	
63	7/13/2022	TWENTYMILE	GRAB	Iron, Total	0.505	mg/L	L74510-01	7/26/2022	
63	7/13/2022	TWENTYMILE	GRAB	pH Temperature	21.5	Deg C	L74510-01	7/15/2022	
63	7/13/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		7/13/2022	
63	7/13/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L74510-01	7/15/2022	
63	7/13/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L74510-01	7/13/2022	
63	7/13/2022	TWENTYMILE	GRAB	Solids, Total Suspended	15	mg/L	L74510-01	7/14/2022	
63	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4520	UMHOS/CM		7/13/2022	
63	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	23	Deg C		7/13/2022	
63	7/20/2022	TWENTYMILE	GRAB	Flow	0.0091	MGD		7/20/2022	
63	7/20/2022	TWENTYMILE	GRAB	Iron, Total	0.406	mg/L	L74645-01	7/28/2022	
63	7/20/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L74645-01	7/27/2022	
63	7/20/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		7/20/2022	
63	7/20/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L74645-01	7/27/2022	
63	7/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L74645-01	7/20/2022	
63	7/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	19	mg/L	L74645-01	8/4/2022	
63	7/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4520	UMHOS/CM		7/20/2022	
63	7/20/2022	TWENTYMILE	GRAB	Temperature, Field	20.6	Deg C		7/20/2022	
63	7/26/2022	TWENTYMILE	GRAB	Flow	0.0702	MGD		7/26/2022	
63	7/26/2022	TWENTYMILE	GRAB	Iron, Total	0.269	mg/L	L74764-01	8/8/2022	
63	7/26/2022	TWENTYMILE	GRAB	pH Temperature	23	Deg C	L74764-01	7/29/2022	
63	7/26/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		7/26/2022	
63	7/26/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L74764-01	7/29/2022	
63	7/26/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L74764-01	7/26/2022	
63	7/26/2022	TWENTYMILE	GRAB	Solids, Total Suspended	12	mg/L	L74764-01	8/2/2022	
63	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4650	UMHOS/CM		7/26/2022	
63	7/26/2022	TWENTYMILE	GRAB	Temperature, Field	19.8	Deg C		7/26/2022	
63	8/3/2022	TWENTYMILE	GRAB	Flow	0.0891	MGD		8/3/2022	
63	8/3/2022	TWENTYMILE	GRAB	Iron, Total	0.983	mg/L	L74929-01	8/16/2022	
63	8/3/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L74929-01	8/9/2022	
63	8/3/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/3/2022	
63	8/3/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L74929-01	8/9/2022	
63	8/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74929-01	8/3/2022	
63	8/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	27	mg/L	L74929-01	8/9/2022	
63	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4440	UMHOS/CM		8/3/2022	
63	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	23.9	Deg C		8/3/2022	
63	8/10/2022	TWENTYMILE	GRAB	Flow	0.0181	MGD		8/10/2022	
63	8/10/2022	TWENTYMILE	GRAB	Iron, Total	0.476	mg/L	L75096-01	8/25/2022	
63	8/10/2022	TWENTYMILE	GRAB	pH Temperature	21.5	Deg C	L75096-01	8/12/2022	
63	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/10/2022	
63	8/10/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L75096-01	8/12/2022	
63	8/10/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75096-01	8/11/2022	
63	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	15	mg/L	L75096-01	8/17/2022	
63	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	830	UMHOS/CM		8/10/2022	
63	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	20.8	Deg C		8/10/2022	
63	8/16/2022	TWENTYMILE	GRAB	Flow	0.0891	MGD		8/16/2022	
63	8/16/2022	TWENTYMILE	GRAB	Iron, Total	0.463	mg/L	L75201-01	8/29/2022	
63	8/16/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L75201-01	8/17/2022	
63	8/16/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		8/16/2022	
63	8/16/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L75201-01	8/17/2022	
63	8/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75201-01	8/16/2022	
63	8/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	23	mg/L	L75201-01	8/19/2022	
63	8/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4590	UMHOS/CM		8/16/2022	
63	8/16/2022	TWENTYMILE	GRAB	Temperature, Field	20.4	Deg C		8/16/2022	
63	8/24/2022	TWENTYMILE	GRAB	Flow	0.0748	MGD		8/24/2022	
63	8/24/2022	TWENTYMILE	GRAB	Iron, Total	0.726	mg/L	L75404-01	9/9/2022	

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63	8/24/2022	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L75404-01	8/29/2022	
63	8/24/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/24/2022	
63	8/24/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L75404-01	8/29/2022	
63	8/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75404-01	8/24/2022	
63	8/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	24	mg/L	L75404-01	8/30/2022	
63	8/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4440	UMHOS/CM		8/24/2022	
63	8/24/2022	TWENTYMILE	GRAB	Temperature, Field	17.7	Deg C		8/24/2022	
63	8/31/2022	TWENTYMILE	GRAB	Flow	0.0449	MGD		8/31/2022	
63	8/31/2022	TWENTYMILE	GRAB	Iron, Total	0.45	mg/L	L75525-01	9/15/2022	
63	8/31/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L75525-01	9/1/2022	
63	8/31/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/31/2022	
63	8/31/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L75525-01	9/1/2022	
63	8/31/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75525-01	8/31/2022	
63	8/31/2022	TWENTYMILE	GRAB	Solids, Total Suspended	14	mg/L	L75525-01	9/6/2022	
63	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4470	UMHOS/CM		8/31/2022	
63	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	20.2	Deg C		8/31/2022	
63	9/8/2022	TWENTYMILE	GRAB	Flow	0.0339	MGD		9/8/2022	
63	9/8/2022	TWENTYMILE	GRAB	Iron, Total	0.609	mg/L	L75698-01	9/19/2022	
63	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.5	Deg C	L75698-01	9/16/2022	
63	9/8/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		9/8/2022	
63	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.3	S.U.	L75698-01	9/16/2022	
63	9/8/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75698-01	9/8/2022	
63	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	34	mg/L	L75698-01	9/14/2022	
63	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4560	UMHOS/CM		9/8/2022	
63	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	19.2	Deg C		9/8/2022	
63	9/15/2022	TWENTYMILE	GRAB	Flow	0.0209	MGD		9/15/2022	
63	9/15/2022	TWENTYMILE	GRAB	Iron, Total	0.803	mg/L	L75892-01	9/27/2022	
63	9/15/2022	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L75892-01	9/24/2022	
63	9/15/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		9/15/2022	
63	9/15/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L75892-01	9/24/2022	
63	9/15/2022	TWENTYMILE	GRAB	Solids, Settleable	0.1	mL/L	L75892-01	9/15/2022	
63	9/15/2022	TWENTYMILE	GRAB	Solids, Total Suspended	21	mg/L	L75892-01	9/21/2022	
63	9/15/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4350	UMHOS/CM		9/15/2022	
63	9/15/2022	TWENTYMILE	GRAB	Temperature, Field	19.5	Deg C		9/15/2022	
63	9/21/2022	TWENTYMILE	GRAB	Flow	0.0062	MGD		9/21/2022	
63	9/21/2022	TWENTYMILE	GRAB	Iron, Total	0.429	mg/L	L76077-01	9/30/2022	
63	9/21/2022	TWENTYMILE	GRAB	pH Temperature	21.4	Deg C	L76077-01	10/7/2022	
63	9/21/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		9/21/2022	
63	9/21/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L76077-01	10/7/2022	
63	9/21/2022	TWENTYMILE	GRAB	Solids, Settleable	0.1	mL/L	L76077-01	9/21/2022	
63	9/21/2022	TWENTYMILE	GRAB	Solids, Total Suspended	27	mg/L	L76077-01	9/26/2022	
63	9/21/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4530	UMHOS/CM		9/21/2022	
63	9/21/2022	TWENTYMILE	GRAB	Temperature, Field	17.5	Deg C		9/21/2022	
63	9/21/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4740	ums/cm	L76077-02	10/7/2022	
63	9/21/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3630	mg/L	L76077-02	9/28/2022	
63	9/28/2022	TWENTYMILE	GRAB	Flow	0.0304	MGD		9/28/2022	
63	9/28/2022	TWENTYMILE	GRAB	Iron, Total	0.373	mg/L	L76256-01	10/11/2022	
63	9/28/2022	TWENTYMILE	GRAB	pH Temperature	20.4	Deg C	L76256-01	10/8/2022	
63	9/28/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		9/28/2022	
63	9/28/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L76256-01	10/8/2022	
63	9/28/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L76256-01	9/28/2022	
63	9/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	15	mg/L	L76256-01	10/3/2022	
63	9/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4540	UMHOS/CM		9/28/2022	
63	9/28/2022	TWENTYMILE	GRAB	Temperature, Field	17.4	Deg C		9/28/2022	
80	1/27/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/27/2022	
80	2/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/3/2022	
80	2/9/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/9/2022	

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80	2/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/16/2022	
80	2/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/24/2022	
80	3/2/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/2/2022	
80	3/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/10/2022	
80	3/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/16/2022	
80	3/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/24/2022	
80	3/30/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/30/2022	
80	4/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/6/2022	
80	4/14/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/14/2022	
80	4/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/20/2022	
80	4/26/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/26/2022	
80	5/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/3/2022	
80	5/11/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/11/2022	
80	5/17/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/17/2022	
80	5/25/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/25/2022	
80	6/1/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/1/2022	
80	6/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/8/2022	
80	6/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/15/2022	
80	6/22/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/22/2022	
80	6/29/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/29/2022	
80	7/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/6/2022	
80	7/13/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/13/2022	
80	7/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/20/2022	
80	7/26/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/26/2022	
80	8/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/3/2022	
80	8/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/10/2022	
80	8/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/16/2022	
80	8/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/24/2022	
80	8/31/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/31/2022	
80	9/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/8/2022	
80	9/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/15/2022	
80	9/21/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/21/2022	
80	9/28/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/28/2022	
82	1/27/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/27/2022	
82	2/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/3/2022	
82	2/9/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/9/2022	
82	2/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/16/2022	
82	2/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/24/2022	
82	3/2/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/2/2022	
82	3/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/10/2022	
82	3/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/16/2022	
82	3/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/24/2022	
82	3/30/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/30/2022	
82	4/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/6/2022	
82	4/14/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/14/2022	
82	4/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/20/2022	
82	4/26/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/26/2022	
82	5/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/3/2022	
82	5/11/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/11/2022	
82	5/17/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/17/2022	
82	5/25/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/25/2022	
82	6/1/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/1/2022	
82	6/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/8/2022	
82	6/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/15/2022	
82	6/22/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/22/2022	
82	6/29/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/29/2022	
82	7/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/6/2022	
82	7/13/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/13/2022	
82	7/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/20/2022	

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82	7/26/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/26/2022	
82	8/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/3/2022	
82	8/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/10/2022	
82	8/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/16/2022	
82	8/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/24/2022	
82	8/31/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/31/2022	
82	9/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/8/2022	
82	9/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/15/2022	
82	9/21/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/21/2022	
82	9/28/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/28/2022	
84	10/7/2021	TWENTYMILE	GRAB	Flow	0.538797	MGD		10/7/2021	
84	10/7/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.129	mg/L	L69061-02	10/19/2021	
84	10/7/2021	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L69061-02	10/23/2021	
84	10/7/2021	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		10/7/2021	
84	10/7/2021	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L69061-02	10/23/2021	
84	10/7/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69061-01	10/7/2021	
84	10/7/2021	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L69061-01	10/13/2021	
84	10/7/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4950	UMHOS/CM		10/7/2021	
84	10/7/2021	TWENTYMILE	GRAB	Temperature, Field	16	Deg C		10/7/2021	
84	10/13/2021	TWENTYMILE	GRAB	Flow	0.4438596	MGD		10/13/2021	
84	10/13/2021	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		10/13/2021	
84	10/13/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69208-02	10/13/2021	
84	10/13/2021	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L69208-02	10/19/2021	
84	10/13/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4960	UMHOS/CM		10/13/2021	
84	10/13/2021	TWENTYMILE	GRAB	Temperature, Field	9.7	Deg C		10/13/2021	
84	10/13/2021	TWENTYMILE	GRAB	Arsenic, Total	0.00041	mg/L	L69208-03	10/19/2021	
84	10/13/2021	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L69208-03	10/19/2021	
84	10/13/2021	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L69208-03	10/13/2021	
84	10/13/2021	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L69208-03	10/19/2021	
84	10/13/2021	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.103	mg/L	L69208-03	10/18/2021	
84	10/13/2021	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00017	mg/L	L69208-03	10/19/2021	
84	10/13/2021	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L69208-03	10/18/2021	
84	10/21/2021	TWENTYMILE	GRAB	Flow	0.8122993	MGD		10/21/2021	
84	10/21/2021	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		10/21/2021	
84	10/21/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69405-02	10/21/2021	
84	10/21/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69405-02	10/26/2021	
84	10/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4990	UMHOS/CM		10/21/2021	
84	10/21/2021	TWENTYMILE	GRAB	Temperature, Field	11.4	Deg C		10/21/2021	
84	10/21/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.117	mg/L	L69405-03	10/27/2021	
84	10/21/2021	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L69405-03	10/29/2021	
84	10/21/2021	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L69405-03	10/29/2021	
84	10/27/2021	TWENTYMILE	GRAB	Flow	0.5638077	MGD		10/27/2021	
84	10/27/2021	TWENTYMILE	GRAB	pH, Field	8	S.U.		10/27/2021	
84	10/27/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69533-03	10/27/2021	
84	10/27/2021	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L69533-03	11/2/2021	
84	10/27/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4950	UMHOS/CM		10/27/2021	
84	10/27/2021	TWENTYMILE	GRAB	Temperature, Field	9.1	Deg C		10/27/2021	
84	10/27/2021	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.05	mg/L	L69533-04	11/3/2021	
84	10/27/2021	TWENTYMILE	GRAB	Iron, Total	0.147	mg/L	L69533-04	11/5/2021	
84	10/27/2021	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L69533-04	11/1/2021	
84	10/27/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	4790	ums/cm	L69533-04	11/5/2021	
84	10/27/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3480	mg/L	L69533-04	11/2/2021	
84	11/2/2021	TWENTYMILE	GRAB	Flow	1.7552101	MGD		11/2/2021	
84	11/2/2021	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		11/2/2021	
84	11/2/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69649-02	11/2/2021	
84	11/2/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69649-02	11/5/2021	
84	11/2/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4950	UMHOS/CM		11/2/2021	

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84	11/2/2021	TWENTYMILE	GRAB	Temperature, Field	10.7	Deg C		11/2/2021	
84	11/2/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.112	mg/L	L69649-03	11/10/2021	
84	11/2/2021	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L69649-03	11/12/2021	
84	11/2/2021	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L69649-03	11/12/2021	
84	11/10/2021	TWENTYMILE	GRAB	Flow	1.0674475	MGD		11/10/2021	
84	11/10/2021	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		11/10/2021	
84	11/10/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69827-02	11/10/2021	
84	11/10/2021	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L69827-02	11/16/2021	
84	11/10/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4960	UMHOS/CM		11/10/2021	
84	11/10/2021	TWENTYMILE	GRAB	Temperature, Field	9	Deg C		11/10/2021	
84	11/10/2021	TWENTYMILE	GRAB	Arsenic, Total	0.00034	mg/L	L69827-03	11/18/2021	
84	11/10/2021	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L69827-03	11/15/2021	
84	11/10/2021	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L69827-03	11/10/2021	
84	11/10/2021	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L69827-03	11/18/2021	
84	11/10/2021	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.104	mg/L	L69827-03	11/18/2021	
84	11/10/2021	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00026	mg/L	L69827-03	11/15/2021	
84	11/10/2021	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L69827-03	11/18/2021	
84	11/17/2021	TWENTYMILE	GRAB	Flow	0.6948717	MGD		11/17/2021	
84	11/17/2021	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		11/17/2021	
84	11/17/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69956-02	11/17/2021	
84	11/17/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69956-02	11/17/2021	
84	11/17/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5010	UMHOS/CM		11/17/2021	
84	11/17/2021	TWENTYMILE	GRAB	Temperature, Field	9.2	Deg C		11/17/2021	
84	11/17/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.165	mg/L	L69956-03	11/23/2021	
84	11/17/2021	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L69956-03	12/1/2021	
84	11/17/2021	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L69956-03	12/1/2021	
84	11/23/2021	TWENTYMILE	GRAB	Flow	0.1116112	MGD		11/23/2021	
84	11/23/2021	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		11/23/2021	
84	11/23/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70084-02	11/23/2021	
84	11/23/2021	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L70084-02	11/29/2021	
84	11/23/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4770	UMHOS/CM		11/23/2021	
84	11/23/2021	TWENTYMILE	GRAB	Temperature, Field	6.5	Deg C		11/23/2021	
84	12/1/2021	TWENTYMILE	GRAB	Flow	0.0420077	MGD		12/1/2021	
84	12/1/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		12/1/2021	
84	12/1/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70175-02	12/1/2021	
84	12/1/2021	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L70175-02	12/8/2021	
84	12/1/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5010	UMHOS/CM		12/1/2021	
84	12/1/2021	TWENTYMILE	GRAB	Temperature, Field	8.5	Deg C		12/1/2021	
84	12/1/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	0.143	mg/L	L70175-03	12/8/2021	
84	12/1/2021	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L70175-03	12/7/2021	
84	12/1/2021	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L70175-03	12/7/2021	
84	12/8/2021	TWENTYMILE	GRAB	Flow	0.0217794	MGD		12/8/2021	
84	12/8/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		12/8/2021	
84	12/8/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70331-02	12/8/2021	
84	12/8/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70331-02	12/10/2021	
84	12/8/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5010	UMHOS/CM		12/8/2021	
84	12/8/2021	TWENTYMILE	GRAB	Temperature, Field	3.7	Deg C		12/8/2021	
84	12/8/2021	TWENTYMILE	GRAB	Arsenic, Total	0.00051	mg/L	L70331-03	12/16/2021	
84	12/8/2021	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L70331-03	12/15/2021	
84	12/8/2021	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L70331-03	12/8/2021	
84	12/8/2021	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	0.00056	mg/L	L70331-03	12/15/2021	
84	12/8/2021	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.114	mg/L	L70331-03	12/14/2021	
84	12/8/2021	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00055	mg/L	L70331-03	12/15/2021	
84	12/8/2021	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L70331-03	12/14/2021	
84	12/15/2021	TWENTYMILE	GRAB	Flow	0.0278543	MGD		12/15/2021	
84	12/15/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		12/15/2021	

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84	12/15/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70483-02	12/15/2021	
84	12/15/2021	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L70483-02	12/17/2021	
84	12/15/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5930	UMHOS/CM		12/15/2021	
84	12/15/2021	TWENTYMILE	GRAB	Temperature, Field	0	Deg C		12/15/2021	
84	12/15/2021	TWENTYMILE	GRAB	Iron, Total Recoverable	< 0.15	mg/L	L70483-03	12/22/2021	
84	12/15/2021	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L70483-03	12/22/2021	
84	12/15/2021	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L70483-03	12/22/2021	
84	12/21/2021	TWENTYMILE	GRAB	Flow	0.0164153	MGD		12/21/2021	
84	12/21/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		12/21/2021	
84	12/21/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70618-02	12/21/2021	
84	12/21/2021	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L70618-02	12/22/2021	
84	12/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4740	UMHOS/CM		12/21/2021	
84	12/21/2021	TWENTYMILE	GRAB	Temperature, Field	5.6	Deg C		12/21/2021	
84	12/28/2021	TWENTYMILE	GRAB	Flow	0.0420077	MGD		12/28/2021	
84	12/28/2021	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		12/28/2021	
84	12/28/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70673-02	12/29/2021	
84	12/28/2021	TWENTYMILE	GRAB	Solids, Total Suspended	14	mg/L	L70673-02	12/30/2021	
84	12/28/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5130	UMHOS/CM		12/28/2021	
84	12/28/2021	TWENTYMILE	GRAB	Temperature, Field	0.8	Deg C		12/28/2021	
84	1/5/2022	TWENTYMILE	GRAB	Flow	0.421434	MGD		1/5/2022	
84	1/5/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		1/5/2022	
84	1/5/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70745-02	1/6/2022	
84	1/5/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L70745-02	1/7/2022	
84	1/5/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4190	UMHOS/CM		1/5/2022	
84	1/5/2022	TWENTYMILE	GRAB	Temperature, Field	6	Deg C		1/5/2022	
84	1/5/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.209	mg/L	L70745-03	1/14/2022	
84	1/5/2022	TWENTYMILE	GRAB	pH Temperature	21.2	Deg C	L70745-03	1/11/2022	
84	1/5/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L70745-03	1/11/2022	
84	1/12/2022	TWENTYMILE	GRAB	Flow	0.538797	MGD		1/12/2022	
84	1/12/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		1/12/2022	
84	1/12/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70886-02	1/12/2022	
84	1/12/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L70886-02	1/13/2022	
84	1/12/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4210	UMHOS/CM		1/12/2022	
84	1/12/2022	TWENTYMILE	GRAB	Temperature, Field	2.3	Deg C		1/12/2022	
84	1/12/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00025	mg/L	L70886-03	1/21/2022	
84	1/12/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L70886-03	1/20/2022	
84	1/12/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L70886-03	1/12/2022	
84	1/12/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L70886-03	1/20/2022	
84	1/12/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.137	mg/L	L70886-03	1/17/2022	
84	1/12/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00041	mg/L	L70886-03	1/20/2022	
84	1/12/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L70886-03	1/17/2022	
84	1/12/2022	TWENTYMILE	GRAB	Alkalinity as CaCO3, @ pH 4.5	818	mg/L	L70886-04	1/14/2022	
84	1/12/2022	TWENTYMILE	GRAB	Alkalinity, Bicarbonate as CaCO3	751	mg/L	L70886-04	1/14/2022	
84	1/12/2022	TWENTYMILE	GRAB	Alkalinity, Carbonate as CaCO3	66.4	mg/L	L70886-04	1/14/2022	
84	1/12/2022	TWENTYMILE	GRAB	Alkalinity, Hydroxide as CaCO3	< 20	mg/L	L70886-04	1/14/2022	
84	1/12/2022	TWENTYMILE	GRAB	Bicarbonate as HCO3	917	mg/L	L70886-04	1/14/2022	
84	1/12/2022	TWENTYMILE	GRAB	Calcium, Dissolved	108	mg/L	L70886-04	1/20/2022	
84	1/12/2022	TWENTYMILE	GRAB	Carbonate as CO3	39.8	mg/L	L70886-04	1/14/2022	
84	1/12/2022	TWENTYMILE	GRAB	Cation / Anion Balance	-2.8	%	L70886-04	1/25/2022	
84	1/12/2022	TWENTYMILE	GRAB	Chloride	0.68	mg/L	L70886-04	1/17/2022	
84	1/12/2022	TWENTYMILE	GRAB	Hydroxide as OH	< 20	mg/L	L70886-04	1/14/2022	
84	1/12/2022	TWENTYMILE	GRAB	Magnesium, Dissolved	75.5	mg/L	L70886-04	1/20/2022	
84	1/12/2022	TWENTYMILE	GRAB	Potassium, Dissolved	10.4	mg/L	L70886-04	1/20/2022	
84	1/12/2022	TWENTYMILE	GRAB	Sodium, Dissolved	935	mg/L	L70886-04	1/21/2022	
84	1/12/2022	TWENTYMILE	GRAB	Sulfates	1870	mg/L	L70886-04	1/18/2022	
84	1/12/2022	TWENTYMILE	GRAB	Total Anions	56	MEQ/L	L70886-04	1/25/2022	
84	1/12/2022	TWENTYMILE	GRAB	Total Cations	53	MEQ/L	L70886-04	1/25/2022	

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84	1/19/2022	TWENTYMILE	GRAB	Flow	0.4438596	MGD		1/19/2022	
84	1/19/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		1/19/2022	
84	1/19/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71015-02	1/19/2022	
84	1/19/2022	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L71015-02	1/20/2022	
84	1/19/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4160	UMHOS/CM		1/19/2022	
84	1/19/2022	TWENTYMILE	GRAB	Temperature, Field	4.9	Deg C		1/19/2022	
84	1/19/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.148	mg/L	L71015-03	1/25/2022	
84	1/19/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L71015-03	1/26/2022	
84	1/19/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71015-03	1/26/2022	
84	1/27/2022	TWENTYMILE	GRAB	Flow	0.4903	MGD		1/27/2022	
84	1/27/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		1/27/2022	
84	1/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71164-02	1/27/2022	
84	1/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71164-02	1/27/2022	
84	1/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3900	UMHOS/CM		1/27/2022	
84	1/27/2022	TWENTYMILE	GRAB	Temperature, Field	5.2	Deg C		1/27/2022	
84	2/3/2022	TWENTYMILE	GRAB	Flow	0.4903	MGD		2/3/2022	
84	2/3/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		2/3/2022	
84	2/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71257-02	2/3/2022	
84	2/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71257-02	2/3/2022	
84	2/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4240	UMHOS/CM		2/3/2022	
84	2/3/2022	TWENTYMILE	GRAB	Temperature, Field	1	Deg C		2/3/2022	
84	2/3/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.162	mg/L	L71257-03	2/9/2022	
84	2/3/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L71257-03	2/3/2022	
84	2/3/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71257-03	2/3/2022	
84	2/9/2022	TWENTYMILE	GRAB	Flow	0.4214	MGD		2/9/2022	
84	2/9/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		2/9/2022	
84	2/9/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71347-02	2/9/2022	
84	2/9/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71347-02	2/9/2022	
84	2/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3900	UMHOS/CM		2/9/2022	
84	2/9/2022	TWENTYMILE	GRAB	Temperature, Field	6	Deg C		2/9/2022	
84	2/9/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00023	mg/L	L71347-03	2/16/2022	
84	2/9/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L71347-03	2/15/2022	
84	2/9/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L71347-03	2/9/2022	
84	2/9/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.001	mg/L	L71347-03	2/17/2022	
84	2/9/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.136	mg/L	L71347-03	2/16/2022	
84	2/9/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.0005	mg/L	L71347-03	2/17/2022	
84	2/9/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L71347-03	2/16/2022	
84	2/16/2022	TWENTYMILE	GRAB	Flow	0.3782	MGD		2/16/2022	
84	2/16/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		2/16/2022	
84	2/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71494-02	2/16/2022	
84	2/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L71494-02	2/18/2022	
84	2/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3570	UMHOS/CM		2/16/2022	
84	2/16/2022	TWENTYMILE	GRAB	Temperature, Field	5.1	Deg C		2/16/2022	
84	2/16/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.296	mg/L	L71494-03	2/28/2022	
84	2/16/2022	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L71494-03	2/25/2022	
84	2/16/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71494-03	2/25/2022	
84	2/24/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.1	mg/L	L71655-03	2/28/2022	
84	2/24/2022	TWENTYMILE	GRAB	Flow	0.5388	MGD		2/24/2022	
84	2/24/2022	TWENTYMILE	GRAB	Iron, Total	0.2	mg/L	L71655-03	3/3/2022	
84	2/24/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L71655-03	3/1/2022	
84	2/24/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		2/24/2022	
84	2/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71655-02	2/24/2022	
84	2/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	13	mg/L	L71655-02	2/25/2022	
84	2/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3780	UMHOS/CM		2/24/2022	
84	2/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4420	ums/cm	L71655-03	2/25/2022	
84	2/24/2022	TWENTYMILE	GRAB	Temperature, Field	6.5	Deg C		2/24/2022	

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84	2/24/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3260	mg/L	L71655-03	3/1/2022	
84	3/2/2022	TWENTYMILE	GRAB	Flow	0.5388	MGD		3/2/2022	
84	3/2/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/2/2022	
84	3/2/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71737-02	3/2/2022	
84	3/2/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L71737-02	3/2/2022	
84	3/2/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3850	UMHOS/CM		3/2/2022	
84	3/2/2022	TWENTYMILE	GRAB	Temperature, Field	6.7	Deg C		3/2/2022	
84	3/2/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.339	mg/L	L71737-03	3/16/2022	
84	3/2/2022	TWENTYMILE	GRAB	pH Temperature	19.4	Deg C	L71737-03	3/3/2022	
84	3/2/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71737-03	3/3/2022	
84	3/10/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00041	mg/L	L71924-03	3/18/2022	
84	3/10/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L71924-03	3/15/2022	
84	3/10/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L71924-03	3/10/2022	
84	3/10/2022	TWENTYMILE	GRAB	Flow	0.5639	MGD		3/10/2022	
84	3/10/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L71924-03	3/15/2022	
84	3/10/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.145	mg/L	L71924-03	3/15/2022	
84	3/10/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/10/2022	
84	3/10/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00078	mg/L	L71924-03	3/15/2022	
84	3/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4370	UMHOS/CM		3/10/2022	
84	3/10/2022	TWENTYMILE	GRAB	Temperature, Field	3.4	Deg C		3/10/2022	
84	3/10/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L71924-03	3/15/2022	
84	3/10/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71924-04	3/10/2022	
84	3/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71924-04	3/14/2022	
84	3/16/2022	TWENTYMILE	GRAB	Flow	0.5388	MGD		3/16/2022	
84	3/16/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/16/2022	
84	3/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71995-02	3/16/2022	
84	3/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L71995-02	3/17/2022	
84	3/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4110	UMHOS/CM		3/16/2022	
84	3/16/2022	TWENTYMILE	GRAB	Temperature, Field	6.7	Deg C		3/16/2022	
84	3/16/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.255	mg/L	L71995-03	3/24/2022	
84	3/16/2022	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L71995-03	3/19/2022	
84	3/16/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71995-03	3/19/2022	
84	3/24/2022	TWENTYMILE	GRAB	Flow	0.5143	MGD		3/24/2022	
84	3/24/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/24/2022	
84	3/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72161-02	3/24/2022	
84	3/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L72161-02	3/29/2022	
84	3/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3940	UMHOS/CM		3/24/2022	
84	3/24/2022	TWENTYMILE	GRAB	Temperature, Field	10.3	Deg C		3/24/2022	
84	3/30/2022	TWENTYMILE	GRAB	Flow	1.1362	MGD		3/30/2022	
84	3/30/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/30/2022	
84	3/30/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72280-02	3/30/2022	
84	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	15	mg/L	L72280-02	3/31/2022	
84	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4270	UMHOS/CM		3/30/2022	
84	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	9.3	Deg C		3/30/2022	
84	4/6/2022	TWENTYMILE	GRAB	Flow	1.1362	MGD		4/6/2022	
84	4/6/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		4/6/2022	
84	4/6/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72361-02	4/6/2022	
84	4/6/2022	TWENTYMILE	GRAB	Solids, Total Suspended	33	mg/L	L72361-02	4/8/2022	
84	4/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4430	UMHOS/CM		4/6/2022	
84	4/6/2022	TWENTYMILE	GRAB	Temperature, Field	6.8	Deg C		4/6/2022	
84	4/6/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.356	mg/L	L72361-03	4/11/2022	
84	4/6/2022	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L72361-03	4/16/2022	
84	4/6/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72361-03	4/16/2022	
84	4/14/2022	TWENTYMILE	GRAB	Flow	1.0675	MGD		4/14/2022	
84	4/14/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		4/14/2022	
84	4/14/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72565-02	4/14/2022	

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84	4/14/2022	TWENTYMILE	GRAB	Solids, Total Suspended	12	mg/L	L72565-02	4/18/2022	
84	4/14/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4290	UMHOS/CM		4/14/2022	
84	4/14/2022	TWENTYMILE	GRAB	Temperature, Field	9.7	Deg C		4/14/2022	
84	4/14/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00036	mg/L	L72565-03	4/25/2022	
84	4/14/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L72565-03	4/19/2022	
84	4/14/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L72565-03	4/14/2022	
84	4/14/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L72565-03	4/19/2022	
84	4/14/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.133	mg/L	L72565-03	4/22/2022	
84	4/14/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.0011	mg/L	L72565-03	4/19/2022	
84	4/14/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L72565-03	4/22/2022	
84	4/20/2022	TWENTYMILE	GRAB	Flow	0.4439	MGD		4/20/2022	
84	4/20/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		4/20/2022	
84	4/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72619-02	4/20/2022	
84	4/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	13	mg/L	L72619-02	4/26/2022	
84	4/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4320	UMHOS/CM		4/20/2022	
84	4/20/2022	TWENTYMILE	GRAB	Temperature, Field	14.5	Deg C		4/20/2022	
84	4/20/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.276	mg/L	L72619-03	4/29/2022	
84	4/20/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L72619-03	4/22/2022	
84	4/20/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72619-03	4/22/2022	
84	4/26/2022	TWENTYMILE	GRAB	Flow	0.8425	MGD		4/26/2022	
84	4/26/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		4/26/2022	
84	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4280	UMHOS/CM		4/26/2022	
84	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	16.1	Deg C		4/26/2022	
84	4/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72785-04	4/27/2022	
84	4/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72785-04	4/29/2022	
84	5/3/2022	TWENTYMILE	GRAB	Flow	1.5088	MGD		5/3/2022	
84	5/3/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		5/3/2022	
84	5/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72901-02	5/3/2022	
84	5/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L72901-02	5/10/2022	
84	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4450	UMHOS/CM		5/3/2022	
84	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	12	Deg C		5/3/2022	
84	5/3/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.249	mg/L	L72901-03	5/13/2022	
84	5/3/2022	TWENTYMILE	GRAB	pH Temperature	23	Deg C	L72901-03	5/4/2022	
84	5/3/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72901-03	5/4/2022	
84	5/11/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00034	mg/L	L73138-02	5/20/2022	
84	5/11/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L73138-02	5/19/2022	
84	5/11/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L73138-02	5/11/2022	
84	5/11/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L73138-02	5/19/2022	
84	5/11/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.105	mg/L	L73138-02	5/16/2022	
84	5/11/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00058	mg/L	L73138-02	5/19/2022	
84	5/11/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L73138-02	5/16/2022	
84	5/11/2022	TWENTYMILE	GRAB	Flow	1.0007	MGD		5/11/2022	
84	5/11/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/11/2022	
84	5/11/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73138-03	5/11/2022	
84	5/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L73138-03	5/13/2022	
84	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4450	UMHOS/CM		5/11/2022	
84	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	16	Deg C		5/11/2022	
84	5/17/2022	TWENTYMILE	GRAB	Flow	1.1016	MGD		5/17/2022	
84	5/17/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/17/2022	
84	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4460	UMHOS/CM		5/17/2022	
84	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	20	Deg C		5/17/2022	
84	5/18/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73318-02	5/18/2022	
84	5/18/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L73318-02	5/24/2022	
84	5/18/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.1	mg/L	L73318-03	6/3/2022	
84	5/18/2022	TWENTYMILE	GRAB	Iron, Total	< 0.3	mg/L	L73318-03	5/31/2022	
84	5/18/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L73318-03	5/23/2022	

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84	5/18/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4720	ums/cm	L73318-03	5/27/2022	
84	5/18/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3600	mg/L	L73318-03	5/25/2022	
84	5/25/2022	TWENTYMILE	GRAB	Flow	0.9681	MGD		5/25/2022	
84	5/25/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		5/25/2022	
84	5/25/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73442-02	5/25/2022	
84	5/25/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L73442-02	6/1/2022	
84	5/25/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4320	UMHOS/CM		5/25/2022	
84	5/25/2022	TWENTYMILE	GRAB	Temperature, Field	18.6	Deg C		5/25/2022	
84	6/1/2022	TWENTYMILE	GRAB	Flow	1.2795	MGD		6/1/2022	
84	6/1/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		6/1/2022	
84	6/1/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73573-02	6/1/2022	
84	6/1/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L73573-02	6/6/2022	
84	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4490	UMHOS/CM		6/1/2022	
84	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	17.6	Deg C		6/1/2022	
84	6/1/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.167	mg/L	L73573-03	6/11/2022	
84	6/1/2022	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L73573-03	6/7/2022	
84	6/1/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L73573-03	6/7/2022	
84	6/8/2022	TWENTYMILE	GRAB	Flow	0.9043	MGD		6/8/2022	
84	6/8/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		6/8/2022	
84	6/8/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L73737-03	6/8/2022	
84	6/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L73737-03	6/13/2022	
84	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4520	UMHOS/CM		6/8/2022	
84	6/8/2022	TWENTYMILE	GRAB	Temperature, Field	21.1	Deg C		6/8/2022	
84	6/8/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00025	mg/L	L73737-04	6/17/2022	
84	6/8/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L73737-04	6/15/2022	
84	6/8/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L73737-04	6/8/2022	
84	6/8/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L73737-04	6/15/2022	
84	6/8/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.126	mg/L	L73737-04	6/16/2022	
84	6/8/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00053	mg/L	L73737-04	6/15/2022	
84	6/8/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L73737-04	6/16/2022	
84	6/8/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.05	mg/L	L73737-05	6/16/2022	
84	6/8/2022	TWENTYMILE	GRAB	Iron, Total	0.22	mg/L	L73737-05	6/20/2022	
84	6/8/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L73737-05	6/14/2022	
84	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4610	ums/cm	L73737-05	6/22/2022	
84	6/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3440	mg/L	L73737-05	6/13/2022	
84	6/15/2022	TWENTYMILE	GRAB	Flow	1.1016	MGD		6/15/2022	
84	6/15/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		6/15/2022	
84	6/15/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73873-02	6/15/2022	
84	6/15/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L73873-02	6/15/2022	
84	6/15/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4690	UMHOS/CM		6/15/2022	
84	6/15/2022	TWENTYMILE	GRAB	Temperature, Field	17.4	Deg C		6/15/2022	
84	6/15/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.232	mg/L	L73873-03	6/23/2022	
84	6/15/2022	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L73873-03	6/22/2022	
84	6/15/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L73873-03	6/22/2022	
84	6/22/2022	TWENTYMILE	GRAB	Flow	1.2795	MGD		6/22/2022	
84	6/22/2022	TWENTYMILE	GRAB	pH, Field	7.8	S.U.		6/22/2022	
84	6/22/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74062-02	6/22/2022	
84	6/22/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L74062-02	6/24/2022	
84	6/22/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4440	UMHOS/CM		6/22/2022	
84	6/22/2022	TWENTYMILE	GRAB	Temperature, Field	24.1	Deg C		6/22/2022	
84	6/29/2022	TWENTYMILE	GRAB	Flow	1.4694	MGD		6/29/2022	
84	6/29/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		6/29/2022	
84	6/29/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74203-02	6/29/2022	
84	6/29/2022	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L74203-02	6/29/2022	
84	6/29/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4550	UMHOS/CM		6/29/2022	
84	6/29/2022	TWENTYMILE	GRAB	Temperature, Field	21.9	Deg C		6/29/2022	

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84	7/6/2022	TWENTYMILE	GRAB	Flow	1.1362	MGD		7/6/2022	
84	7/6/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		7/6/2022	
84	7/6/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74337-02	7/6/2022	
84	7/6/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L74337-02	7/12/2022	
84	7/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4500	UMHOS/CM		7/6/2022	
84	7/6/2022	TWENTYMILE	GRAB	Temperature, Field	23.2	Deg C		7/6/2022	
84	7/6/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.223	mg/L	L74337-03	7/20/2022	
84	7/6/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L74337-03	7/8/2022	
84	7/6/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L74337-03	7/8/2022	
84	7/13/2022	TWENTYMILE	GRAB	Flow	0.8732	MGD		7/13/2022	
84	7/13/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		7/13/2022	
84	7/13/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74510-02	7/13/2022	
84	7/13/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L74510-02	7/14/2022	
84	7/13/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4520	UMHOS/CM		7/13/2022	
84	7/13/2022	TWENTYMILE	GRAB	Temperature, Field	23.8	Deg C		7/13/2022	
84	7/13/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00042	mg/L	L74510-03	7/20/2022	
84	7/13/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L74510-03	7/19/2022	
84	7/13/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L74510-03	7/13/2022	
84	7/13/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L74510-03	7/19/2022	
84	7/13/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.139	mg/L	L74510-03	7/23/2022	
84	7/13/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00029	mg/L	L74510-03	7/19/2022	
84	7/13/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L74510-03	7/23/2022	
84	7/20/2022	TWENTYMILE	GRAB	Flow	1.1362	MGD		7/20/2022	
84	7/20/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		7/20/2022	
84	7/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74645-02	7/20/2022	
84	7/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L74645-02	8/4/2022	
84	7/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4670	UMHOS/CM		7/20/2022	
84	7/20/2022	TWENTYMILE	GRAB	Temperature, Field	22.7	Deg C		7/20/2022	
84	7/20/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.259	mg/L	L74645-03	7/27/2022	
84	7/20/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L74645-03	7/27/2022	
84	7/20/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L74645-03	7/27/2022	
84	7/26/2022	TWENTYMILE	GRAB	Flow	1.5487	MGD		7/26/2022	
84	7/26/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		7/26/2022	
84	7/26/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74764-02	7/26/2022	
84	7/26/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L74764-02	8/2/2022	
84	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4650	UMHOS/CM		7/26/2022	
84	7/26/2022	TWENTYMILE	GRAB	Temperature, Field	21.7	Deg C		7/26/2022	
84	8/3/2022	TWENTYMILE	GRAB	Flow	1.7553	MGD		8/3/2022	
84	8/3/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		8/3/2022	
84	8/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74929-02	8/3/2022	
84	8/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L74929-02	8/9/2022	
84	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4610	UMHOS/CM		8/3/2022	
84	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	23.9	Deg C		8/3/2022	
84	8/3/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.31	mg/L	L74929-03	8/16/2022	
84	8/3/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L74929-03	8/9/2022	
84	8/3/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L74929-03	8/9/2022	
84	8/10/2022	TWENTYMILE	GRAB	Flow	1.8849	MGD		8/10/2022	
84	8/10/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		8/10/2022	
84	8/10/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75096-02	8/11/2022	
84	8/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L75096-02	8/17/2022	
84	8/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	810	UMHOS/CM		8/10/2022	
84	8/10/2022	TWENTYMILE	GRAB	Temperature, Field	23.2	Deg C		8/10/2022	
84	8/10/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00029	mg/L	L75096-03	8/18/2022	
84	8/10/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L75096-03	8/19/2022	
84	8/10/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L75096-03	8/11/2022	
84	8/10/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L75096-03	8/19/2022	

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84	8/10/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.117	mg/L	L75096-03	8/27/2022	
84	8/10/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	< 0.00025	mg/L	L75096-03	8/19/2022	
84	8/10/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L75096-03	8/27/2022	
84	8/16/2022	TWENTYMILE	GRAB	Flow	1.929	MGD		8/16/2022	
84	8/16/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		8/16/2022	
84	8/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75201-02	8/16/2022	
84	8/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L75201-02	8/19/2022	
84	8/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4650	UMHOS/CM		8/16/2022	
84	8/16/2022	TWENTYMILE	GRAB	Temperature, Field	21.5	Deg C		8/16/2022	
84	8/16/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.269	mg/L	L75201-03	8/30/2022	
84	8/16/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L75201-03	8/17/2022	
84	8/16/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L75201-03	8/17/2022	
84	8/24/2022	TWENTYMILE	GRAB	Flow	1.713	MGD		8/24/2022	
84	8/24/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		8/24/2022	
84	8/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75404-02	8/24/2022	
84	8/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L75404-02	8/30/2022	
84	8/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4650	UMHOS/CM		8/24/2022	
84	8/24/2022	TWENTYMILE	GRAB	Temperature, Field	20.1	Deg C		8/24/2022	
84	8/31/2022	TWENTYMILE	GRAB	Flow	1.929	MGD		8/31/2022	
84	8/31/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		8/31/2022	
84	8/31/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75525-02	8/31/2022	
84	8/31/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L75525-02	9/6/2022	
84	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4590	UMHOS/CM		8/31/2022	
84	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	21.4	Deg C		8/31/2022	
84	9/8/2022	TWENTYMILE	GRAB	Flow	0.3174	MGD		9/8/2022	
84	9/8/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		9/8/2022	
84	9/8/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L75698-02	9/8/2022	
84	9/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L75698-02	9/14/2022	
84	9/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4570	UMHOS/CM		9/8/2022	
84	9/8/2022	TWENTYMILE	GRAB	Temperature, Field	19.8	Deg C		9/8/2022	
84	9/8/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.11	mg/L	L75698-03	9/19/2022	
84	9/8/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L75698-03	9/16/2022	
84	9/8/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L75698-03	9/16/2022	
84	9/15/2022	TWENTYMILE	GRAB	Flow	1.1362	MGD		9/15/2022	
84	9/15/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		9/15/2022	
84	9/15/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75892-02	9/15/2022	
84	9/15/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L75892-02	9/21/2022	
84	9/15/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4550	UMHOS/CM		9/15/2022	
84	9/15/2022	TWENTYMILE	GRAB	Temperature, Field	19.7	Deg C		9/15/2022	
84	9/15/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00034	mg/L	L75892-03	9/21/2022	
84	9/15/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L75892-03	9/20/2022	
84	9/15/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L75892-03	9/15/2022	
84	9/15/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	0.00013	mg/L	L75892-03	9/20/2022	
84	9/15/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	0.115	mg/L	L75892-03	9/21/2022	
84	9/15/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00033	mg/L	L75892-03	9/20/2022	
84	9/15/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	0.031	mg/L	L75892-03	9/21/2022	
84	9/19/2022	TWENTYMILE	GRAB	Flow	1.1362	MGD		9/19/2022	
84	9/19/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		9/19/2022	
84	9/19/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4200	UMHOS/CM		9/19/2022	
84	9/19/2022	TWENTYMILE	GRAB	Temperature, Field	20.2	Deg C		9/19/2022	
84	9/21/2022	TWENTYMILE	GRAB	Flow	1.1362	MGD		9/21/2022	
84	9/21/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		9/21/2022	
84	9/21/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L76077-03	9/21/2022	
84	9/21/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L76077-03	9/26/2022	
84	9/21/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4520	UMHOS/CM		9/21/2022	
84	9/21/2022	TWENTYMILE	GRAB	Temperature, Field	19.2	Deg C		9/21/2022	

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84	9/21/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.211	mg/L	L76077-04	9/30/2022	
84	9/21/2022	TWENTYMILE	GRAB	pH Temperature	21.3	Deg C	L76077-04	10/7/2022	
84	9/21/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L76077-04	10/7/2022	
84	9/28/2022	TWENTYMILE	GRAB	Flow	1.1362	MGD		9/28/2022	
84	9/28/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		9/28/2022	
84	9/28/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L76256-02	9/28/2022	
84	9/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L76256-02	10/3/2022	
84	9/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4580	UMHOS/CM		9/28/2022	
84	9/28/2022	TWENTYMILE	GRAB	Temperature, Field	18.3	Deg C		9/28/2022	
84	9/28/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.05	mg/L	L76256-03	10/10/2022	
84	9/28/2022	TWENTYMILE	GRAB	Iron, Total	0.192	mg/L	L76256-03	10/11/2022	
84	9/28/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L76256-03	10/5/2022	
84	9/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4690	ums/cm	L76256-03	10/8/2022	
84	9/28/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3450	mg/L	L76256-03	10/4/2022	
85	10/7/2021	TWENTYMILE	GRAB	Flow	0.0078845	MGD		10/7/2021	
85	10/7/2021	TWENTYMILE	GRAB	Iron, Total	0.074	mg/L	L69061-03	10/15/2021	
85	10/7/2021	TWENTYMILE	GRAB	pH Temperature	21.8	Deg C	L69061-03	10/23/2021	
85	10/7/2021	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		10/7/2021	
85	10/7/2021	TWENTYMILE	GRAB	pH, Lab	9	S.U.	L69061-03	10/23/2021	
85	10/7/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69061-03	10/7/2021	
85	10/7/2021	TWENTYMILE	GRAB	Solids, Total Suspended	12	mg/L	L69061-03	10/13/2021	
85	10/7/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5500	UMHOS/CM		10/7/2021	
85	10/7/2021	TWENTYMILE	GRAB	Temperature, Field	13.2	Deg C		10/7/2021	
85	10/13/2021	TWENTYMILE	GRAB	Flow	0.0096295	MGD		10/13/2021	
85	10/13/2021	TWENTYMILE	GRAB	Iron, Total	0.065	mg/L	L69208-04	10/20/2021	
85	10/13/2021	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L69208-04	10/15/2021	
85	10/13/2021	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		10/13/2021	
85	10/13/2021	TWENTYMILE	GRAB	pH, Lab	9	S.U.	L69208-04	10/15/2021	
85	10/13/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69208-04	10/13/2021	
85	10/13/2021	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L69208-04	10/19/2021	
85	10/13/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5320	UMHOS/CM		10/13/2021	
85	10/13/2021	TWENTYMILE	GRAB	Temperature, Field	7.3	Deg C		10/13/2021	
85	10/21/2021	TWENTYMILE	GRAB	Flow	0.0038776	MGD		10/21/2021	
85	10/21/2021	TWENTYMILE	GRAB	Iron, Total	0.113	mg/L	L69405-04	10/31/2021	
85	10/21/2021	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L69405-04	10/29/2021	
85	10/21/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		10/21/2021	
85	10/21/2021	TWENTYMILE	GRAB	pH, Lab	8.8	S.U.	L69405-04	10/29/2021	
85	10/21/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69405-04	10/21/2021	
85	10/21/2021	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L69405-04	10/26/2021	
85	10/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5280	UMHOS/CM		10/21/2021	
85	10/21/2021	TWENTYMILE	GRAB	Temperature, Field	7.8	Deg C		10/21/2021	
85	10/27/2021	TWENTYMILE	GRAB	Flow	0.0028436	MGD		10/27/2021	
85	10/27/2021	TWENTYMILE	GRAB	Iron, Total	0.219	mg/L	L69533-05	11/5/2021	
85	10/27/2021	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L69533-05	11/5/2021	
85	10/27/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		10/27/2021	
85	10/27/2021	TWENTYMILE	GRAB	pH, Lab	8.8	S.U.	L69533-05	11/5/2021	
85	10/27/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69533-05	10/27/2021	
85	10/27/2021	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L69533-05	11/2/2021	
85	10/27/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4910	UMHOS/CM		10/27/2021	
85	10/27/2021	TWENTYMILE	GRAB	Temperature, Field	6.4	Deg C		10/27/2021	
85	10/27/2021	TWENTYMILE	GRAB	Specific Conductivity, Lab	4890	ums/cm	L69533-06	11/5/2021	
85	10/27/2021	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3660	mg/L	L69533-06	11/2/2021	
85	11/2/2021	TWENTYMILE	GRAB	Flow	0.0014218	MGD		11/2/2021	
85	11/2/2021	TWENTYMILE	GRAB	Iron, Total	0.139	mg/L	L69649-04	11/11/2021	
85	11/2/2021	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L69649-04	11/12/2021	
85	11/2/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		11/2/2021	
85	11/2/2021	TWENTYMILE	GRAB	pH, Lab	8.9	S.U.	L69649-04	11/12/2021	

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85	11/2/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L69649-04	11/2/2021	
85	11/2/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69649-04	11/5/2021	
85	11/2/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4760	UMHOS/CM		11/2/2021	
85	11/2/2021	TWENTYMILE	GRAB	Temperature, Field	7.6	Deg C		11/2/2021	
85	11/10/2021	TWENTYMILE	GRAB	Flow	0.0020681	MGD		11/10/2021	
85	11/10/2021	TWENTYMILE	GRAB	Iron, Total	0.078	mg/L	L69827-04	11/19/2021	
85	11/10/2021	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L69827-04	11/19/2021	
85	11/10/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		11/10/2021	
85	11/10/2021	TWENTYMILE	GRAB	pH, Lab	8.9	S.U.	L69827-04	11/19/2021	
85	11/10/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L69827-04	11/10/2021	
85	11/10/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L69827-04	11/16/2021	
85	11/10/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5060	UMHOS/CM		11/10/2021	
85	11/10/2021	TWENTYMILE	GRAB	Temperature, Field	6	Deg C		11/10/2021	
85	11/17/2021	TWENTYMILE	GRAB	Flow	0.0028436	MGD		11/17/2021	
85	11/17/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		11/17/2021	
85	11/17/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5050	UMHOS/CM		11/17/2021	
85	11/17/2021	TWENTYMILE	GRAB	Temperature, Field	5.2	Deg C		11/17/2021	
85	11/23/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		11/23/2021	
85	11/23/2021	TWENTYMILE	GRAB	Iron, Total	0.104	mg/L	L70084-03	12/2/2021	
85	11/23/2021	TWENTYMILE	GRAB	pH Temperature	21.9	Deg C	L70084-03	12/1/2021	
85	11/23/2021	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		11/23/2021	
85	11/23/2021	TWENTYMILE	GRAB	pH, Lab	8.8	S.U.	L70084-03	12/1/2021	
85	11/23/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70084-03	11/23/2021	
85	11/23/2021	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L70084-03	11/29/2021	
85	11/23/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5020	UMHOS/CM		11/23/2021	
85	11/23/2021	TWENTYMILE	GRAB	Temperature, Field	6.9	Deg C		11/23/2021	
85	12/1/2021	TWENTYMILE	GRAB	Flow	0.0028436	MGD		12/1/2021	
85	12/1/2021	TWENTYMILE	GRAB	Iron, Total	< 0.15	mg/L	L70175-04	12/10/2021	
85	12/1/2021	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L70175-04	12/7/2021	
85	12/1/2021	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		12/1/2021	
85	12/1/2021	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L70175-04	12/7/2021	
85	12/1/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70175-04	12/1/2021	
85	12/1/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70175-04	12/8/2021	
85	12/1/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5070	UMHOS/CM		12/1/2021	
85	12/1/2021	TWENTYMILE	GRAB	Temperature, Field	6	Deg C		12/1/2021	
85	12/8/2021	TWENTYMILE	GRAB	Flow	6.463E-05	MGD		12/8/2021	
85	12/8/2021	TWENTYMILE	GRAB	Iron, Total	0.143	mg/L	L70331-06	12/15/2021	
85	12/8/2021	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L70331-06	12/18/2021	
85	12/8/2021	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		12/8/2021	
85	12/8/2021	TWENTYMILE	GRAB	pH, Lab	8.8	S.U.	L70331-06	12/18/2021	
85	12/8/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70331-06	12/8/2021	
85	12/8/2021	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L70331-06	12/10/2021	
85	12/8/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5320	UMHOS/CM		12/8/2021	
85	12/8/2021	TWENTYMILE	GRAB	Temperature, Field	2.5	Deg C		12/8/2021	
85	12/15/2021	TWENTYMILE	GRAB	Flow	6.463E-05	MGD		12/15/2021	
85	12/15/2021	TWENTYMILE	GRAB	Iron, Total	0.092	mg/L	L70483-04	12/22/2021	
85	12/15/2021	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L70483-04	12/22/2021	
85	12/15/2021	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		12/15/2021	
85	12/15/2021	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L70483-04	12/22/2021	
85	12/15/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70483-04	12/15/2021	
85	12/15/2021	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L70483-04	12/17/2021	
85	12/15/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	4920	UMHOS/CM		12/15/2021	
85	12/15/2021	TWENTYMILE	GRAB	Temperature, Field	0	Deg C		12/15/2021	
85	12/21/2021	TWENTYMILE	GRAB	Flow	6.463E-05	MGD		12/21/2021	
85	12/21/2021	TWENTYMILE	GRAB	Iron, Total	0.064	mg/L	L70618-03	12/29/2021	
85	12/21/2021	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L70618-03	12/30/2021	

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85	12/21/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		12/21/2021	
85	12/21/2021	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L70618-03	12/30/2021	
85	12/21/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L70618-03	12/21/2021	
85	12/21/2021	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L70618-03	12/28/2021	
85	12/21/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5390	UMHOS/CM		12/21/2021	
85	12/21/2021	TWENTYMILE	GRAB	Temperature, Field	1.2	Deg C		12/21/2021	
85	12/28/2021	TWENTYMILE	GRAB	Flow	0.0049763	MGD		12/28/2021	
85	12/28/2021	TWENTYMILE	GRAB	Iron, Total	0.1	mg/L	L70673-03	1/5/2022	
85	12/28/2021	TWENTYMILE	GRAB	pH Temperature	22.8	Deg C	L70673-03	12/31/2021	
85	12/28/2021	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		12/28/2021	
85	12/28/2021	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L70673-03	12/31/2021	
85	12/28/2021	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70673-03	12/29/2021	
85	12/28/2021	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L70673-03	12/30/2021	
85	12/28/2021	TWENTYMILE	GRAB	Specific Conductivity, Field	5090	UMHOS/CM		12/28/2021	
85	12/28/2021	TWENTYMILE	GRAB	Temperature, Field	0.6	Deg C		12/28/2021	
85	1/5/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/5/2022	
85	1/5/2022	TWENTYMILE	GRAB	Iron, Total	0.123	mg/L	L70745-04	1/12/2022	
85	1/5/2022	TWENTYMILE	GRAB	pH Temperature	21.3	Deg C	L70745-04	1/11/2022	
85	1/5/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		1/5/2022	
85	1/5/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L70745-04	1/11/2022	
85	1/5/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70745-04	1/6/2022	
85	1/5/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L70745-04	1/7/2022	
85	1/5/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4360	UMHOS/CM		1/5/2022	
85	1/5/2022	TWENTYMILE	GRAB	Temperature, Field	5	Deg C		1/5/2022	
85	1/12/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/12/2022	
85	1/12/2022	TWENTYMILE	GRAB	Iron, Total	0.083	mg/L	L70886-05	1/17/2022	
85	1/12/2022	TWENTYMILE	GRAB	pH Temperature	21.3	Deg C	L70886-05	1/14/2022	
85	1/12/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		1/12/2022	
85	1/12/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L70886-05	1/14/2022	
85	1/12/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L70886-05	1/12/2022	
85	1/12/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L70886-05	1/14/2022	
85	1/12/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4290	UMHOS/CM		1/12/2022	
85	1/12/2022	TWENTYMILE	GRAB	Temperature, Field	1.1	Deg C		1/12/2022	
85	1/19/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/19/2022	
85	1/19/2022	TWENTYMILE	GRAB	Iron, Total	0.077	mg/L	L71015-04	1/26/2022	
85	1/19/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L71015-04	1/26/2022	
85	1/19/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		1/19/2022	
85	1/19/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71015-04	1/26/2022	
85	1/19/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71015-04	1/19/2022	
85	1/19/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L71015-04	1/20/2022	
85	1/19/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3610	UMHOS/CM		1/19/2022	
85	1/19/2022	TWENTYMILE	GRAB	Temperature, Field	2.3	Deg C		1/19/2022	
85	1/27/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		1/27/2022	
85	1/27/2022	TWENTYMILE	GRAB	Iron, Total	< 0.3	mg/L	L71164-03	2/5/2022	
85	1/27/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L71164-03	1/28/2022	
85	1/27/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		1/27/2022	
85	1/27/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71164-03	1/28/2022	
85	1/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71164-03	1/27/2022	
85	1/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71164-03	1/27/2022	
85	1/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3450	UMHOS/CM		1/27/2022	
85	1/27/2022	TWENTYMILE	GRAB	Temperature, Field	4.4	Deg C		1/27/2022	
85	2/3/2022	TWENTYMILE	GRAB	Flow	0.0009	MGD		2/3/2022	
85	2/3/2022	TWENTYMILE	GRAB	Iron, Total	< 0.3	mg/L	L71257-04	2/15/2022	
85	2/3/2022	TWENTYMILE	GRAB	pH Temperature	22.7	Deg C	L71257-04	2/3/2022	
85	2/3/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		2/3/2022	
85	2/3/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71257-04	2/3/2022	
85	2/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71257-04	2/3/2022	

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85	2/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L71257-04	2/3/2022	
85	2/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3880	UMHOS/CM		2/3/2022	
85	2/3/2022	TWENTYMILE	GRAB	Temperature, Field	0.1	Deg C		2/3/2022	
85	2/9/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		2/9/2022	
85	2/9/2022	TWENTYMILE	GRAB	Iron, Total	0.314	mg/L	L71347-04	2/18/2022	
85	2/9/2022	TWENTYMILE	GRAB	pH Temperature	21.2	Deg C	L71347-04	2/10/2022	
85	2/9/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		2/9/2022	
85	2/9/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71347-04	2/10/2022	
85	2/9/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71347-04	2/9/2022	
85	2/9/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L71347-04	2/9/2022	
85	2/9/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3230	UMHOS/CM		2/9/2022	
85	2/9/2022	TWENTYMILE	GRAB	Temperature, Field	3.1	Deg C		2/9/2022	
85	2/16/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		2/16/2022	
85	2/16/2022	TWENTYMILE	GRAB	Iron, Total	0.244	mg/L	L71494-05	2/22/2022	
85	2/16/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L71494-05	2/25/2022	
85	2/16/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		2/16/2022	
85	2/16/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71494-05	2/25/2022	
85	2/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L71494-05	2/16/2022	
85	2/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L71494-05	2/18/2022	
85	2/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2700	UMHOS/CM		2/16/2022	
85	2/16/2022	TWENTYMILE	GRAB	Temperature, Field	4.4	Deg C		2/16/2022	
85	2/24/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		2/24/2022	
85	2/24/2022	TWENTYMILE	GRAB	Iron, Total	0.122	mg/L	L71655-04	3/3/2022	
85	2/24/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L71655-04	2/25/2022	
85	2/24/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		2/24/2022	
85	2/24/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71655-04	2/25/2022	
85	2/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71655-04	2/24/2022	
85	2/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L71655-04	2/25/2022	
85	2/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2760	UMHOS/CM		2/24/2022	
85	2/24/2022	TWENTYMILE	GRAB	Temperature, Field	3	Deg C		2/24/2022	
85	3/2/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		3/2/2022	
85	3/2/2022	TWENTYMILE	GRAB	Iron, Total	0.709	mg/L	L71737-04	3/11/2022	
85	3/2/2022	TWENTYMILE	GRAB	pH Temperature	19.5	Deg C	L71737-04	3/3/2022	
85	3/2/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/2/2022	
85	3/2/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71737-04	3/3/2022	
85	3/2/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L71737-04	3/2/2022	
85	3/2/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L71737-04	3/2/2022	
85	3/2/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1580	UMHOS/CM		3/2/2022	
85	3/2/2022	TWENTYMILE	GRAB	Temperature, Field	5.3	Deg C		3/2/2022	
85	3/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	2950	ums/cm	L71924-06	3/12/2022	
85	3/10/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2170	mg/L	L71924-06	3/16/2022	
85	3/10/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		3/10/2022	
85	3/10/2022	TWENTYMILE	GRAB	Iron, Total	0.108	mg/L	L71924-05	3/21/2022	
85	3/10/2022	TWENTYMILE	GRAB	pH Temperature	21	Deg C	L71924-05	3/12/2022	
85	3/10/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		3/10/2022	
85	3/10/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L71924-05	3/12/2022	
85	3/10/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.52	mL/L	L71924-05	3/10/2022	
85	3/10/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L71924-05	3/14/2022	
85	3/10/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2710	UMHOS/CM		3/10/2022	
85	3/10/2022	TWENTYMILE	GRAB	Temperature, Field	0.8	Deg C		3/10/2022	
85	3/16/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		3/16/2022	
85	3/16/2022	TWENTYMILE	GRAB	Iron, Total	0.715	mg/L	L71995-04	3/25/2022	
85	3/16/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L71995-04	3/19/2022	
85	3/16/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		3/16/2022	
85	3/16/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L71995-04	3/19/2022	
85	3/16/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L71995-04	3/16/2022	
85	3/16/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L71995-04	3/17/2022	

85	3/16/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2200	UMHOS/CM		3/16/2022	
85	3/16/2022	TWENTYMILE	GRAB	Temperature, Field	4	Deg C		3/16/2022	
85	3/24/2022	TWENTYMILE	GRAB	Flow	0.0495	MGD		3/24/2022	
85	3/24/2022	TWENTYMILE	GRAB	Iron, Total	0.25	mg/L	L72161-03	4/5/2022	
85	3/24/2022	TWENTYMILE	GRAB	pH Temperature	22.7	Deg C	L72161-03	3/29/2022	
85	3/24/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		3/24/2022	
85	3/24/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72161-03	3/29/2022	
85	3/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.51	mL/L	L72161-03	3/24/2022	
85	3/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	6	mg/L	L72161-03	3/29/2022	
85	3/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2660	UMHOS/CM		3/24/2022	
85	3/24/2022	TWENTYMILE	GRAB	Temperature, Field	5.2	Deg C		3/24/2022	
85	3/30/2022	TWENTYMILE	GRAB	Flow	0.0383	MGD		3/30/2022	
85	3/30/2022	TWENTYMILE	GRAB	Iron, Total	0.322	mg/L	L72280-03	4/7/2022	
85	3/30/2022	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L72280-03	4/5/2022	
85	3/30/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		3/30/2022	
85	3/30/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72280-03	4/5/2022	
85	3/30/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72280-03	3/30/2022	
85	3/30/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72280-03	3/31/2022	
85	3/30/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1520	UMHOS/CM		3/30/2022	
85	3/30/2022	TWENTYMILE	GRAB	Temperature, Field	7.3	Deg C		3/30/2022	
85	4/6/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		4/6/2022	
85	4/6/2022	TWENTYMILE	GRAB	Iron, Total	0.623	mg/L	L72361-04	4/13/2022	
85	4/6/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L72361-04	4/16/2022	
85	4/6/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/6/2022	
85	4/6/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72361-04	4/16/2022	
85	4/6/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72361-04	4/6/2022	
85	4/6/2022	TWENTYMILE	GRAB	Solids, Total Suspended	35	mg/L	L72361-04	4/8/2022	
85	4/6/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3390	UMHOS/CM		4/6/2022	
85	4/6/2022	TWENTYMILE	GRAB	Temperature, Field	5.1	Deg C		4/6/2022	
85	4/14/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		4/14/2022	
85	4/14/2022	TWENTYMILE	GRAB	Iron, Total	0.217	mg/L	L72565-04	4/28/2022	
85	4/14/2022	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L72565-04	4/20/2022	
85	4/14/2022	TWENTYMILE	GRAB	pH, Field	8.7	S.U.		4/14/2022	
85	4/14/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L72565-04	4/20/2022	
85	4/14/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72565-04	4/14/2022	
85	4/14/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L72565-04	4/18/2022	
85	4/14/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3130	UMHOS/CM		4/14/2022	
85	4/14/2022	TWENTYMILE	GRAB	Temperature, Field	9	Deg C		4/14/2022	
85	4/20/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		4/20/2022	
85	4/20/2022	TWENTYMILE	GRAB	Iron, Total	0.135	mg/L	L72619-04	4/29/2022	
85	4/20/2022	TWENTYMILE	GRAB	pH Temperature	21.3	Deg C	L72619-04	4/22/2022	
85	4/20/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		4/20/2022	
85	4/20/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L72619-04	4/22/2022	
85	4/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72619-04	4/20/2022	
85	4/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	5	mg/L	L72619-04	4/26/2022	
85	4/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3310	UMHOS/CM		4/20/2022	
85	4/20/2022	TWENTYMILE	GRAB	Temperature, Field	13.4	Deg C		4/20/2022	
85	4/26/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		4/26/2022	
85	4/26/2022	TWENTYMILE	GRAB	pH, Field	8.2	S.U.		4/26/2022	
85	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3350	UMHOS/CM		4/26/2022	
85	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	16.1	Deg C		4/26/2022	
85	4/27/2022	TWENTYMILE	GRAB	Iron, Total	0.095	mg/L	L72785-05	5/10/2022	
85	4/27/2022	TWENTYMILE	GRAB	pH Temperature	22.2	Deg C	L72785-05	4/28/2022	
85	4/27/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L72785-05	4/28/2022	
85	4/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72785-05	4/27/2022	
85	4/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	11	mg/L	L72785-05	4/29/2022	

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85	5/3/2022	TWENTYMILE	GRAB	Flow	0.0138	MGD		5/3/2022	
85	5/3/2022	TWENTYMILE	GRAB	Iron, Total	0.507	mg/L	L72901-01	5/16/2022	
85	5/3/2022	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L72901-01	5/4/2022	
85	5/3/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		5/3/2022	
85	5/3/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L72901-01	5/4/2022	
85	5/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72901-01	5/3/2022	
85	5/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	14	mg/L	L72901-01	5/10/2022	
85	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3030	UMHOS/CM		5/3/2022	
85	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	11.1	Deg C		5/3/2022	
85	5/11/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		5/11/2022	
85	5/11/2022	TWENTYMILE	GRAB	Iron, Total	0.136	mg/L	L73138-04	5/24/2022	
85	5/11/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L73138-04	5/19/2022	
85	5/11/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		5/11/2022	
85	5/11/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L73138-04	5/19/2022	
85	5/11/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73138-04	5/11/2022	
85	5/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	10	mg/L	L73138-04	5/13/2022	
85	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3270	UMHOS/CM		5/11/2022	
85	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	17.5	Deg C		5/11/2022	
85	5/17/2022	TWENTYMILE	GRAB	Flow	0.0218	MGD		5/17/2022	
85	5/17/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		5/17/2022	
85	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3330	UMHOS/CM		5/17/2022	
85	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	19.7	Deg C		5/17/2022	
85	5/18/2022	TWENTYMILE	GRAB	Iron, Total	0.136	mg/L	L73318-04	5/31/2022	
85	5/18/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L73318-04	5/27/2022	
85	5/18/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L73318-04	5/27/2022	
85	5/18/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73318-04	5/18/2022	
85	5/18/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L73318-04	5/24/2022	
85	5/25/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		5/25/2022	
85	5/25/2022	TWENTYMILE	GRAB	Iron, Total	0.13	mg/L	L73442-03	6/8/2022	
85	5/25/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L73442-03	6/1/2022	
85	5/25/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		5/25/2022	
85	5/25/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L73442-03	6/1/2022	
85	5/25/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73442-03	5/25/2022	
85	5/25/2022	TWENTYMILE	GRAB	Solids, Total Suspended	8	mg/L	L73442-03	6/1/2022	
85	5/25/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3280	UMHOS/CM		5/25/2022	
85	5/25/2022	TWENTYMILE	GRAB	Temperature, Field	21.4	Deg C		5/25/2022	
85	6/1/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		6/1/2022	
85	6/1/2022	TWENTYMILE	GRAB	Iron, Total	0.256	mg/L	L73573-01	6/14/2022	
85	6/1/2022	TWENTYMILE	GRAB	pH Temperature	22	Deg C	L73573-01	6/7/2022	
85	6/1/2022	TWENTYMILE	GRAB	pH, Field	8	S.U.		6/1/2022	
85	6/1/2022	TWENTYMILE	GRAB	pH, Lab	8.6	S.U.	L73573-01	6/7/2022	
85	6/1/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73573-01	6/1/2022	
85	6/1/2022	TWENTYMILE	GRAB	Solids, Total Suspended	11	mg/L	L73573-01	6/6/2022	
85	6/1/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	2890	UMHOS/CM		6/1/2022	
85	6/1/2022	TWENTYMILE	GRAB	Temperature, Field	17.6	Deg C		6/1/2022	
85	6/8/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		6/8/2022	
85	6/8/2022	TWENTYMILE	GRAB	Iron, Total	0.231	mg/L	L73737-06	6/20/2022	
85	6/8/2022	TWENTYMILE	GRAB	pH Temperature	21.7	Deg C	L73737-06	6/22/2022	
85	6/8/2022	TWENTYMILE	GRAB	pH, Field	8.6	S.U.		6/8/2022	
85	6/8/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L73737-06	6/22/2022	
85	6/8/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73737-06	6/8/2022	
85	6/8/2022	TWENTYMILE	GRAB	Solids, Total Suspended	16	mg/L	L73737-06	6/13/2022	
85	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	3160	UMHOS/CM		6/8/2022	
85	6/8/2022	TWENTYMILE	GRAB	Temperature, Field	21	Deg C		6/8/2022	
85	6/8/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	3310	ums/cm	L73737-07	6/22/2022	
85	6/8/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	2410	mg/L	L73737-07	6/13/2022	
85	6/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/15/2022	

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85	6/22/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/22/2022	
85	6/29/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/29/2022	
85	7/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/6/2022	
85	7/13/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/13/2022	
85	7/20/2022	TWENTYMILE	GRAB	Flow	0.0001	MGD		7/20/2022	
85	7/20/2022	TWENTYMILE	GRAB	Iron, Total	< 0.3	mg/L	L74645-04	7/28/2022	
85	7/20/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L74645-04	7/27/2022	
85	7/20/2022	TWENTYMILE	GRAB	pH, Field	8.9	S.U.		7/20/2022	
85	7/20/2022	TWENTYMILE	GRAB	pH, Lab	8.9	S.U.	L74645-04	7/27/2022	
85	7/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L74645-04	7/20/2022	
85	7/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L74645-04	8/4/2022	
85	7/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4200	UMHOS/CM		7/20/2022	
85	7/20/2022	TWENTYMILE	GRAB	Temperature, Field	20.9	Deg C		7/20/2022	
85	7/26/2022	TWENTYMILE	GRAB	Flow	0.0001	MGD		7/26/2022	
85	7/26/2022	TWENTYMILE	GRAB	Iron, Total	< 0.15	mg/L	L74764-03	8/5/2022	
85	7/26/2022	TWENTYMILE	GRAB	pH Temperature	22.9	Deg C	L74764-03	7/29/2022	
85	7/26/2022	TWENTYMILE	GRAB	pH, Field	9	S.U.		7/26/2022	
85	7/26/2022	TWENTYMILE	GRAB	pH, Lab	9.1	S.U.	L74764-03	7/29/2022	
85	7/26/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L74764-03	7/26/2022	
85	7/26/2022	TWENTYMILE	GRAB	Solids, Total Suspended	7	mg/L	L74764-03	8/2/2022	
85	7/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4170	UMHOS/CM		7/26/2022	
85	7/26/2022	TWENTYMILE	GRAB	Temperature, Field	19.9	Deg C		7/26/2022	
85	8/3/2022	TWENTYMILE	GRAB	Flow	0.0283	MGD		8/3/2022	
85	8/3/2022	TWENTYMILE	GRAB	Iron, Total	0.118	mg/L	L74929-04	8/16/2022	
85	8/3/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L74929-04	8/9/2022	
85	8/3/2022	TWENTYMILE	GRAB	pH, Field	8.9	S.U.		8/3/2022	
85	8/3/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L74929-04	8/9/2022	
85	8/3/2022	TWENTYMILE	GRAB	Solids, Settleable	0.11	mL/L	L74929-04	8/3/2022	
85	8/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	32	mg/L	L74929-04	8/9/2022	
85	8/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4240	UMHOS/CM		8/3/2022	
85	8/3/2022	TWENTYMILE	GRAB	Temperature, Field	21.6	Deg C		8/3/2022	
85	8/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/10/2022	
85	8/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/16/2022	
85	8/18/2022	TWENTYMILE	GRAB	Flow	0.0031667	MGD		8/18/2022	
85	8/18/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		8/18/2022	
85	8/18/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	6030	UMHOS/CM		8/18/2022	
85	8/18/2022	TWENTYMILE	GRAB	Temperature, Field	17.4	Deg C		8/18/2022	
85	8/24/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		8/24/2022	
85	8/24/2022	TWENTYMILE	GRAB	Iron, Total	0.065	mg/L	L75404-03	9/9/2022	
85	8/24/2022	TWENTYMILE	GRAB	pH Temperature	22.4	Deg C	L75404-03	8/29/2022	
85	8/24/2022	TWENTYMILE	GRAB	pH, Field	8.8	S.U.		8/24/2022	
85	8/24/2022	TWENTYMILE	GRAB	pH, Lab	8.7	S.U.	L75404-03	8/29/2022	
85	8/24/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L75404-03	8/24/2022	
85	8/24/2022	TWENTYMILE	GRAB	Solids, Total Suspended	12	mg/L	L75404-03	8/30/2022	
85	8/24/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4500	UMHOS/CM		8/24/2022	
85	8/24/2022	TWENTYMILE	GRAB	Temperature, Field	17.6	Deg C		8/24/2022	
85	8/31/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		8/31/2022	
85	8/31/2022	TWENTYMILE	GRAB	Iron, Total	< 0.15	mg/L	L75525-03	9/15/2022	
85	8/31/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L75525-03	9/1/2022	
85	8/31/2022	TWENTYMILE	GRAB	pH, Field	8.9	S.U.		8/31/2022	
85	8/31/2022	TWENTYMILE	GRAB	pH, Lab	8.9	S.U.	L75525-03	9/1/2022	
85	8/31/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L75525-03	8/31/2022	
85	8/31/2022	TWENTYMILE	GRAB	Solids, Total Suspended	13	mg/L	L75525-03	9/6/2022	
85	8/31/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4490	UMHOS/CM		8/31/2022	
85	8/31/2022	TWENTYMILE	GRAB	Temperature, Field	20	Deg C		8/31/2022	
85	9/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/8/2022	
85	9/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/15/2022	

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85	9/21/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		9/21/2022	
85	9/21/2022	TWENTYMILE	GRAB	Iron, Total	< 0.15	mg/L	L76077-05	9/30/2022	
85	9/21/2022	TWENTYMILE	GRAB	pH Temperature	20.8	Deg C	L76077-05	10/7/2022	
85	9/21/2022	TWENTYMILE	GRAB	pH, Field	8.9	S.U.		9/21/2022	
85	9/21/2022	TWENTYMILE	GRAB	pH, Lab	9	S.U.	L76077-05	10/7/2022	
85	9/21/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L76077-05	9/21/2022	
85	9/21/2022	TWENTYMILE	GRAB	Solids, Total Suspended	13	mg/L	L76077-05	9/26/2022	
85	9/21/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4550	UMHOS/CM		9/21/2022	
85	9/21/2022	TWENTYMILE	GRAB	Temperature, Field	18.6	Deg C		9/21/2022	
85	9/21/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	4810	ums/cm	L76077-06	10/7/2022	
85	9/21/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	3780	mg/L	L76077-06	9/28/2022	
85	9/28/2022	TWENTYMILE	GRAB	Flow	0.005	MGD		9/28/2022	
85	9/28/2022	TWENTYMILE	GRAB	Iron, Total	0.062	mg/L	L76256-04	10/11/2022	
85	9/28/2022	TWENTYMILE	GRAB	pH Temperature	20.6	Deg C	L76256-04	10/8/2022	
85	9/28/2022	TWENTYMILE	GRAB	pH, Field	9	S.U.		9/28/2022	
85	9/28/2022	TWENTYMILE	GRAB	pH, Lab	9	S.U.	L76256-04	10/8/2022	
85	9/28/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L76256-04	9/28/2022	
85	9/28/2022	TWENTYMILE	GRAB	Solids, Total Suspended	9	mg/L	L76256-04	10/3/2022	
85	9/28/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	4750	UMHOS/CM		9/28/2022	
85	9/28/2022	TWENTYMILE	GRAB	Temperature, Field	17.4	Deg C		9/28/2022	
87	1/27/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/27/2022	
87	2/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/3/2022	
87	2/9/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/9/2022	
87	2/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/16/2022	
87	2/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/24/2022	
87	3/2/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/2/2022	
87	3/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/10/2022	
87	3/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/16/2022	
87	3/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/24/2022	
87	3/30/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/30/2022	
87	4/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/6/2022	
87	4/14/2022	TWENTYMILE	GRAB	Flow	0	MGD		4/14/2022	
87	4/20/2022	TWENTYMILE	GRAB	Flow	0.0098	MGD		4/20/2022	
87	4/20/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		4/20/2022	
87	4/20/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72619-05	4/20/2022	
87	4/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72619-05	4/26/2022	
87	4/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1550	UMHOS/CM		4/20/2022	
87	4/20/2022	TWENTYMILE	GRAB	Temperature, Field	14.6	Deg C		4/20/2022	
87	4/20/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	< 0.15	mg/L	L72619-06	4/29/2022	
87	4/20/2022	TWENTYMILE	GRAB	pH Temperature	21.2	Deg C	L72619-06	4/22/2022	
87	4/20/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72619-06	4/22/2022	
87	4/26/2022	TWENTYMILE	GRAB	Flow	0.0003	MGD		4/26/2022	
87	4/26/2022	TWENTYMILE	GRAB	pH, Field	8.3	S.U.		4/26/2022	
87	4/26/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1580	UMHOS/CM		4/26/2022	
87	4/26/2022	TWENTYMILE	GRAB	Temperature, Field	15.5	Deg C		4/26/2022	
87	4/27/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00079	mg/L	L72785-09	5/5/2022	
87	4/27/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L72785-09	5/9/2022	
87	4/27/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L72785-09	4/27/2022	
87	4/27/2022	TWENTYMILE	GRAB	Copper, Potentially Dissolvable	< 0.05	mg/L	L72785-07	5/3/2022	
87	4/27/2022	TWENTYMILE	GRAB	Iron, Total	< 0.15	mg/L	L72785-07	5/10/2022	
87	4/27/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	< 0.15	mg/L	L72785-08	5/9/2022	
87	4/27/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L72785-09	5/9/2022	
87	4/27/2022	TWENTYMILE	GRAB	Mercury, Total	< 0.001	mg/L	L72785-07	5/3/2022	
87	4/27/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L72785-09	5/3/2022	
87	4/27/2022	TWENTYMILE	GRAB	pH Temperature	22.1	Deg C	L72785-08	4/28/2022	
87	4/27/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72785-08	4/28/2022	
87	4/27/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00641	mg/L	L72785-09	5/9/2022	

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87	4/27/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L72785-06	4/27/2022	
87	4/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72785-06	4/29/2022	
87	4/27/2022	TWENTYMILE	GRAB	Specific Conductivity, Lab	1720	ums/cm	L72785-07	4/28/2022	
87	4/27/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	1340	mg/L	L72785-07	5/2/2022	
87	4/27/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L72785-09	5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	Flow	0.0003	MGD		5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.49	mL/L	L72901-05	5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L72901-05	5/10/2022	
87	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1820	UMHOS/CM		5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	12.9	Deg C		5/3/2022	
87	5/3/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.142	mg/L	L72901-06	5/13/2022	
87	5/3/2022	TWENTYMILE	GRAB	pH Temperature	22.6	Deg C	L72901-06	5/4/2022	
87	5/3/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L72901-06	5/4/2022	
87	5/11/2022	TWENTYMILE	GRAB	Arsenic, Total	0.00072	mg/L	L73138-05	5/20/2022	
87	5/11/2022	TWENTYMILE	GRAB	Chromium, Potentially Dissolvable	< 0.002	mg/L	L73138-05	5/19/2022	
87	5/11/2022	TWENTYMILE	GRAB	Chromium-6, Dissolved	< 0.02	mg/L	L73138-05	5/11/2022	
87	5/11/2022	TWENTYMILE	GRAB	Flow	0.0003	MGD		5/11/2022	
87	5/11/2022	TWENTYMILE	GRAB	Lead, Potentially Dissolvable	< 0.0005	mg/L	L73138-05	5/19/2022	
87	5/11/2022	TWENTYMILE	GRAB	Nickel, Potentially Dissolvable	< 0.04	mg/L	L73138-05	5/16/2022	
87	5/11/2022	TWENTYMILE	GRAB	pH, Field	8.4	S.U.		5/11/2022	
87	5/11/2022	TWENTYMILE	GRAB	Selenium, Potentially Dissolvable	0.00456	mg/L	L73138-05	5/19/2022	
87	5/11/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1630	UMHOS/CM		5/11/2022	
87	5/11/2022	TWENTYMILE	GRAB	Temperature, Field	16.8	Deg C		5/11/2022	
87	5/11/2022	TWENTYMILE	GRAB	Zinc, Potentially Dissolvable	< 0.05	mg/L	L73138-05	5/16/2022	
87	5/11/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73138-06	5/11/2022	
87	5/11/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L73138-06	5/13/2022	
87	5/11/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	< 0.15	mg/L	L73138-07	5/25/2022	
87	5/11/2022	TWENTYMILE	GRAB	pH Temperature	21.6	Deg C	L73138-07	5/19/2022	
87	5/11/2022	TWENTYMILE	GRAB	pH, Lab	8.5	S.U.	L73138-07	5/19/2022	
87	5/17/2022	TWENTYMILE	GRAB	Flow	0.0003	MGD		5/17/2022	
87	5/17/2022	TWENTYMILE	GRAB	pH, Field	8.1	S.U.		5/17/2022	
87	5/17/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1900	UMHOS/CM		5/17/2022	
87	5/17/2022	TWENTYMILE	GRAB	Temperature, Field	20	Deg C		5/17/2022	
87	5/18/2022	TWENTYMILE	GRAB	Iron, Total Recoverable	0.069	mg/L	L73318-05	5/31/2022	
87	5/18/2022	TWENTYMILE	GRAB	pH Temperature	22.3	Deg C	L73318-05	5/27/2022	
87	5/18/2022	TWENTYMILE	GRAB	pH, Lab	8.4	S.U.	L73318-05	5/27/2022	
87	5/18/2022	TWENTYMILE	GRAB	Solids, Settleable	< 0.5	mL/L	L73318-06	5/18/2022	
87	5/18/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L73318-06	5/24/2022	
87	5/25/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/25/2022	
87	6/1/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/1/2022	
87	6/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/8/2022	
87	6/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/15/2022	
87	6/22/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/22/2022	
87	6/29/2022	TWENTYMILE	GRAB	Flow	0	MGD		6/29/2022	
87	7/6/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/6/2022	
87	7/13/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/13/2022	
87	7/20/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/20/2022	
87	7/26/2022	TWENTYMILE	GRAB	Flow	0	MGD		7/26/2022	
87	8/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/3/2022	
87	8/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/10/2022	
87	8/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/16/2022	
87	8/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/24/2022	
87	8/31/2022	TWENTYMILE	GRAB	Flow	0	MGD		8/31/2022	
87	9/8/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/8/2022	
87	9/15/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/15/2022	
87	9/21/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/21/2022	
87	9/28/2022	TWENTYMILE	GRAB	Flow	0	MGD		9/28/2022	

Foidel Creek Mine Permit No. C-82-056

2022 Annual Hydrology Report

300E	1/27/2022	TWENTYMILE	GRAB	Flow	0	MGD		1/27/2022	
300E	2/3/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/3/2022	
300E	2/9/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/9/2022	
300E	2/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/16/2022	
300E	2/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		2/24/2022	
300E	3/2/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/2/2022	
300E	3/10/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/10/2022	
300E	3/16/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/16/2022	
300E	3/24/2022	TWENTYMILE	GRAB	Flow	0	MGD		3/24/2022	
300E	3/30/2022	TWENTYMILE	GRAB	Ammonia Nitrogen	9.15	mg/L	L72280-05	4/14/2022	
300E	3/30/2022	TWENTYMILE	GRAB	Flow	0	GPM		3/30/2022	
300E	3/30/2022	TWENTYMILE	GRAB	Total Dissolved Solids, Lab	1000	mg/L	L72280-05	4/1/2022	
300E	4/6/2022	TWENTYMILE	GRAB	Flow	0	GPM		4/6/2022	
300E	4/14/2022	TWENTYMILE	GRAB	Flow	0	GPM		4/14/2022	
300E	4/20/2022	TWENTYMILE	GRAB	BOD	14	mg/L	L72619-08	4/21/2022	
300E	4/20/2022	TWENTYMILE	GRAB	Chloride	48.9	mg/L	L72619-08	4/27/2022	
300E	4/20/2022	TWENTYMILE	GRAB	Fecal Coliform	4	#/100ML	L72619-08	4/20/2022	
300E	4/20/2022	TWENTYMILE	GRAB	Flow	4.8	GPM		4/20/2022	
300E	4/20/2022	TWENTYMILE	GRAB	NO3-NO2 Nitrogen	2.62	mg/L	L72619-08	4/28/2022	
300E	4/20/2022	TWENTYMILE	GRAB	pH, Field	8.5	S.U.		4/20/2022	
300E	4/20/2022	TWENTYMILE	GRAB	Solids, Total Suspended	19	mg/L	L72619-08	4/26/2022	
300E	4/20/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1120	UMHOS/CM		4/20/2022	
300E	4/20/2022	TWENTYMILE	GRAB	Sulfates	462	mg/L	L72619-08	4/28/2022	
300E	4/20/2022	TWENTYMILE	GRAB	Temperature, Field	13.4	Deg C		4/20/2022	
300E	4/26/2022	TWENTYMILE	GRAB	Flow	1.5	GPM		4/26/2022	
300E	4/26/2022	TWENTYMILE	GRAB	pH, Field	7.9	S.U.		4/26/2022	
300E	4/27/2022	TWENTYMILE	GRAB	BOD	12	mg/L	L72785-10	4/29/2022	
300E	4/27/2022	TWENTYMILE	GRAB	Solids, Total Suspended	20	mg/L	L72785-10	4/29/2022	
300E	5/3/2022	TWENTYMILE	GRAB	Flow	0.4	GPM		5/3/2022	
300E	5/3/2022	TWENTYMILE	GRAB	pH, Field	7.6	S.U.		5/3/2022	
300E	5/3/2022	TWENTYMILE	GRAB	Specific Conductivity, Field	1060	UMHOS/CM		5/3/2022	
300E	5/3/2022	TWENTYMILE	GRAB	Temperature, Field	10.5	Deg C		5/3/2022	
300E	5/11/2022	TWENTYMILE	GRAB	Flow	0	GPM		5/11/2022	
300E	5/17/2022	TWENTYMILE	GRAB	Flow	2	GPM		5/17/2022	
300E	5/17/2022	TWENTYMILE	GRAB	pH, Field	7.5	S.U.		5/17/2022	
300E	5/18/2022	TWENTYMILE	GRAB	BOD	3	mg/L	L73318-09	5/19/2022	
300E	5/18/2022	TWENTYMILE	GRAB	Solids, Total Suspended	< 20	mg/L	L73318-09	5/24/2022	
300E	5/25/2022	TWENTYMILE	GRAB	Flow	0	MGD		5/25/2022	
300E	6/1/2022	TWENTYMILE	GRAB	Flow	0	GPM		6/1/2022	
300E	6/8/2022	TWENTYMILE	GRAB	Flow	0	GPM		6/8/2022	
300E	6/17/2022	TWENTYMILE	GRAB	Flow	0	GPM		6/17/2022	
300E	6/22/2022	TWENTYMILE	GRAB	Flow	0	GPM		6/22/2022	
300E	6/29/2022	TWENTYMILE	GRAB	Flow	0	GPM		6/29/2022	
300E	7/6/2022	TWENTYMILE	GRAB	Flow	0	GPM		7/6/2022	
300E	7/13/2022	TWENTYMILE	GRAB	Flow	0	GPM		7/13/2022	
300E	7/20/2022	TWENTYMILE	GRAB	Flow	0	GPM		7/20/2022	
300E	7/26/2022	TWENTYMILE	GRAB	Flow	0	GPM		7/26/2022	
300E	8/3/2022	TWENTYMILE	GRAB	Flow	0	GPM		8/3/2022	
300E	8/10/2022	TWENTYMILE	GRAB	Flow	0	GPM		8/10/2022	

300E	8/16/2022	TWENTYMILE	GRAB	Flow	0	GPM		8/16/2022	
300E	8/24/2022	TWENTYMILE	GRAB	Flow	0	MILLION GALLONS PER DAY		8/24/2022	
300E	8/31/2022	TWENTYMILE	GRAB	Flow	0	GPM		8/31/2022	
300E	9/8/2022	TWENTYMILE	GRAB	Flow	0	GPM		9/8/2022	
300E	9/15/2022	TWENTYMILE	GRAB	Flow	0	GPM		9/15/2022	
300E	9/21/2022	TWENTYMILE	GRAB	Flow	0	GPM		9/21/2022	
300E	9/28/2022	TWENTYMILE	GRAB	Flow	0	GPM		9/28/2022	
300E	10/5/2022	TWENTYMILE	GRAB	Flow	0	MGD		10/5/2022	
300E	10/12/2022	TWENTYMILE	GRAB	Flow	0	GPM		10/12/2022	
300E	10/19/2022	TWENTYMILE	GRAB	Flow	0	GPM		10/19/2022	
300E	10/26/2022	TWENTYMILE	GRAB	Flow	0	GPM		10/26/2022	

Foidel Creek Mine
2022 Annual Report
Attachment 6
Mine Water Discharge Site Data

Foidel Creek Mine

2022 Annual Report

Attachment 6

Mine Water Discharge Site Data

	<u>Page</u>
Water Quality for Water Year, Life of Well Water Quality Statistics, and Graphs of TDS and Field Conductivity for Mine Water Discharge Sites.....	Att-04-3
Site 7 (Area #1).....	Att-04-4

Water Quality for Water Year, Life of Well Water Quality Statistics, and Graphs of TDS and
Field Conductivity for Mine Water Discharge Sites

Ground and Surface Water Quality Report

Sample Point:	7	Township:	005N	Range:	086W	Section:	32SWSE
Mine:	FOIDEL CREEK MINE	Northing:	32485				
State:	CO	Easting:	17759				
Drainage/Geologic Unit:		Elevation:	6850				
Date Range:	10/01/2021 - 9/30/2022						

Date(s) of Collection: 6/30/2022

Comment(s):

Chemical	Unit
Alkalinity as CaCO ₃ , @ pH 4.5	mg/L
Alkalinity, Bicarbonate as CaCO ₃	820
Alkalinity, Carbonate as CaCO ₃	mg/L
Alkalinity, Hydroxide as CaCO ₃	795
Ammonia Nitrogen	mg/L
Bicarbonate as HCO ₃	25.3
Cadmium, Total Recoverable	mg/L
Calcium, Dissolved	< 20
Carbonate as CO ₃	1.87
Flow	mg/L
Hydroxide as OH	970
Iron, Total Recoverable	< 0.0005
Magnesium, Dissolved	mg/L
Manganese, Total Recoverable	86.4
Mercury, Total	15.2
Molybdenum, Total Recoverable	MILLION GAL
NO ₃ -NO ₂ Nitrogen	1.1016
pH Temperature	mg/L
pH, Field	< 20
pH, Lab	0.929
Phosphorus, Orthophosphorus	mg/L
Selenium, Total Recoverable	50.6
Silver, Total Recoverable	0.061
Sodium Adsorption Ratio	mg/L
Sodium, Dissolved	< 0.001
Solids, Total Suspended	mg/L
Specific Conductivity, Field	20
	951
	mg/L
	9.0
	UMHOS/CM
	4600

Specific Conductivity, Lab	ums/cm	4590
Sulfates	mg/L	1640
Temperature, Field	Deg C	22
Total Dissolved Solids, Lab	mg/L	3380
Zinc, Total Recoverable	mg/L	< 0.1

Ground and Surface Water Quality Statistics Report

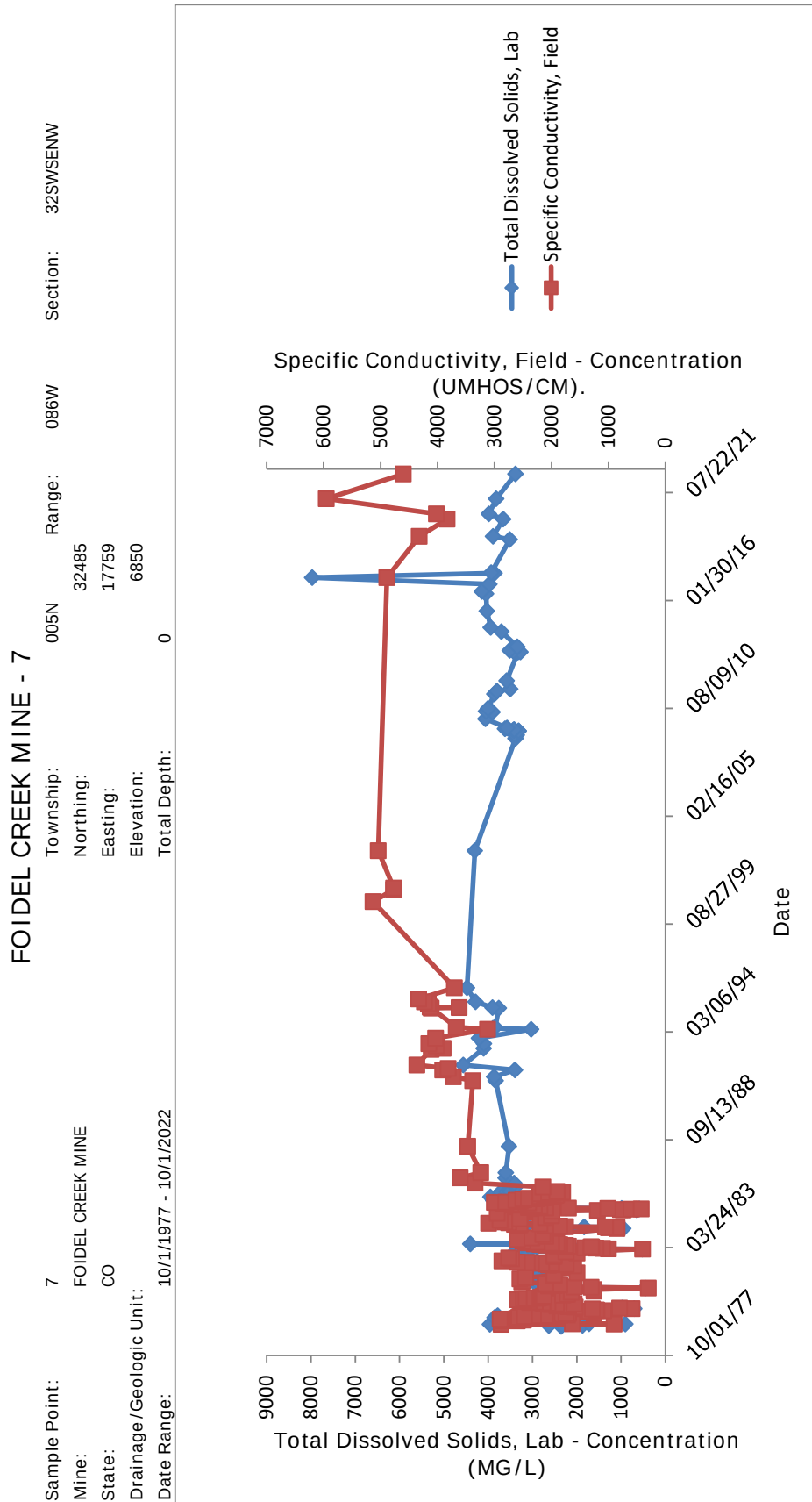
Sample Point 7 **Township** 005N **Range:** 086W **Section** 32SWSENW
Mine: FOIDEL CREEK MINE **Northings** 32485
State: CO **Easting** 17759
Drainage/Geologic Unit: **Elevation** 6850
Date Range 10/01/1978 to 9/30/2022

Parm Description	Units	Uncensored Data					Censored Data				
		Count	Min	Max	Mean	Std.Dev.	Count	Min	Max	Max	
Alkalinity as CaCO3, @ pH 4.5	mg/L	51	154	1050	581.7451	249.4467	0				
Alkalinity, Bicarbonate as CaCO3	mg/L	108	0	1190	478.5265	298.6988	0				
Alkalinity, Carbonate as CaCO3	mg/L	35	0	92.7	20.0	20.0	20	<	1	<	
Alkalinity, Hydroxide as CaCO3	mg/L	0					6	<	2	<	
Aluminum, Total	ug/L	30	60	1300	473.3333	335.6449	11	<	10	<	
Ammonia Nitrogen	mg/L	51	0.001	4.57	0.947	1.004	7	<	0.05	<	
Ammonium	mg/L	15	0.05	1.14	0.67	0.37	0			0.2	
Arsenic, Total	ug/L	13	1	5	2.769231	1.535895	48	<	1	<	
Barium, Total	ug/L	2	300	520	410	155.5635	14	<	10	<	
Bicarbonate as HCO3	mg/L	6	659	1110	904.6667	172.3156	0			300	
Boron, Dissolved	ug/L	3	220	310	256.6667	47.25816	0				
Boron, Total	ug/L	32	20	65000	3665.313	13399.9	1	<	100	<	
Cadmium, Total	ug/L	4	1	13	9.25	5.560276	37	<	0.1	<	
Cadmium, Total Recoverable	ug/L	5	0.0001	0.2	0.0412	0.0888	48	<	0.0001	<	
Calcium, Dissolved	mg/L	120	27.2	610	307.2	150.5	0			3	
Calcium, Total Recoverable	mg/L	1	483	483	483		0				
Carbonate as CO3	mg/L	4	15.2	55.6	29.1	19.0	2	<	2	<	
Chloride	mg/L	60	1	103	12.17333	14.64771	0			10	
Copper, Total	ug/L	27	1	70	13.85185	16.46839	49	<	1	<	
Copper, Total Recoverable	ug/L	12	2	8	4.166667	1.99241	0			30	
Flow	cfs	41	0.01	2.13	0.68	0.66	0				
Fluoride	mg/L	14	0.1	0.51	0.25	0.15	0				
Hardness, Calcium	mg/L	83	269	3194	1916.626	673.5374	0				
Hydroxide as OH	mg/L	0					37	<	2	<	
Iron, Total	ug/L	143	20	36000	574.8951	3017.609	32	<	10	<	
Iron, Total Recoverable	ug/L	72	0.05	570	76.72	109.88	10	<	0.1	<	
Lead, Total	ug/L	19	20	60	22.10526	9.176629	21	<	10	<	
Magnesium, Dissolved	mg/L	120	28	440	202.6317	102.2607	0			20	
Magnesium, Total Recoverable	mg/L	1	324	324	324		0				
Manganese, Dissolved	ug/L	1	300	300	300		0				

Manganese, Total	129	8	1600	197.6201	247.3068	14	<	10	<	30
Manganese, Total Recoverable	51	0.02	1610	188.41	348.39	2	<	0.05	<	0.05
Mercury, Total	9	1	2	1.111111	0.3333333	107	<	0.0002	<	1
Mercury, Total Recoverable	0					20	<	0.0002	<	0.2
Molybdenum, Total	7	10	70	24.28572	25.07133	33	<	50	<	500
Molybdenum, Total Recoverable	6	0.01	0.04	0.02	0.01	47	<	0.02	<	50
Nitrate Nitrogen	22	0.02	8.1	1.60	2.47	1	<	0.02	<	0.02
Nitrite Nitrogen	6	0.01	0.09	0.06	0.03	4	<	0.01	<	0.02
Nitrogen, TKN	1	11.3	11.3	11.3		0				
NO3-NO2 Nitrogen	110	0.02	21.2	5.57	5.81	2	<	0.005	<	0.02
pH Temperature	40	18.5	25	21.5	1.5	0				
pH, Field	233	6.2	8.8	7.4	0.4	0				
pH, Lab	41	7.45	8.8	8.26	0.22	0				
Phosphorus, Dissolved	11	0.02	0.06	0.03	0.01	0				
Phosphorus, Orthophosphorus	42	0.009	4.9	0.730	0.941	43	<	0.005	<	1
Potassium, Dissolved	39	3.6	18	8.5	2.3	0				
Selenium, Total	21	1	15	3.714286	3.257957	40	<	1	<	2
Selenium, Total Recoverable	34	0.0002	16	1.1788	3.6794	19	<	0.0002	<	10
Silver, Total	12	0.2	0.7	0.3	0.2	18	<	0.1	<	0.1
Silver, Total Recoverable	12	0.1	2	0.5	0.6	66	<	0.0002	<	2.5
Sodium Adsorption Ratio	120	0.324	31	5.304	7.197	0				
Sodium, Dissolved	120	26	1200	343.375	369.7817	0				
Sodium, Total Recoverable	1	49	49	49		0				
Solids, Settleable	1	0.3	0.3	0.3		23	<	0.1	<	0.6
Solids, Total Suspended	173	2	30400	445.6069	2996.515	45	<	2	<	20
Specific Conductivity, Field	229	300	5950	2332.38	926.6569	0				
Specific Conductivity, Lab	53	2710	5400	4384.566	513.4675	0				
Sulfates	120	295	2910	1903.083	523.5032	0				
Sulfide	0					1	<	0.1	<	0.1
Temperature, Field	230	0.1	25	12.1	6.3	0				
Total Dissolved Solids, Lab	253	456	7970	3099.253	826.7347	0				
Zinc, Total	69	5	6520	130.9565	781.4501	6	<	10	<	40
Zinc, Total Recoverable	46	0.02	150	18.66	27.99	34	<	0.01	<	10

< - denotes value is below detectable limits

> - denotes value is above detectable limits



Foidel Creek Mine

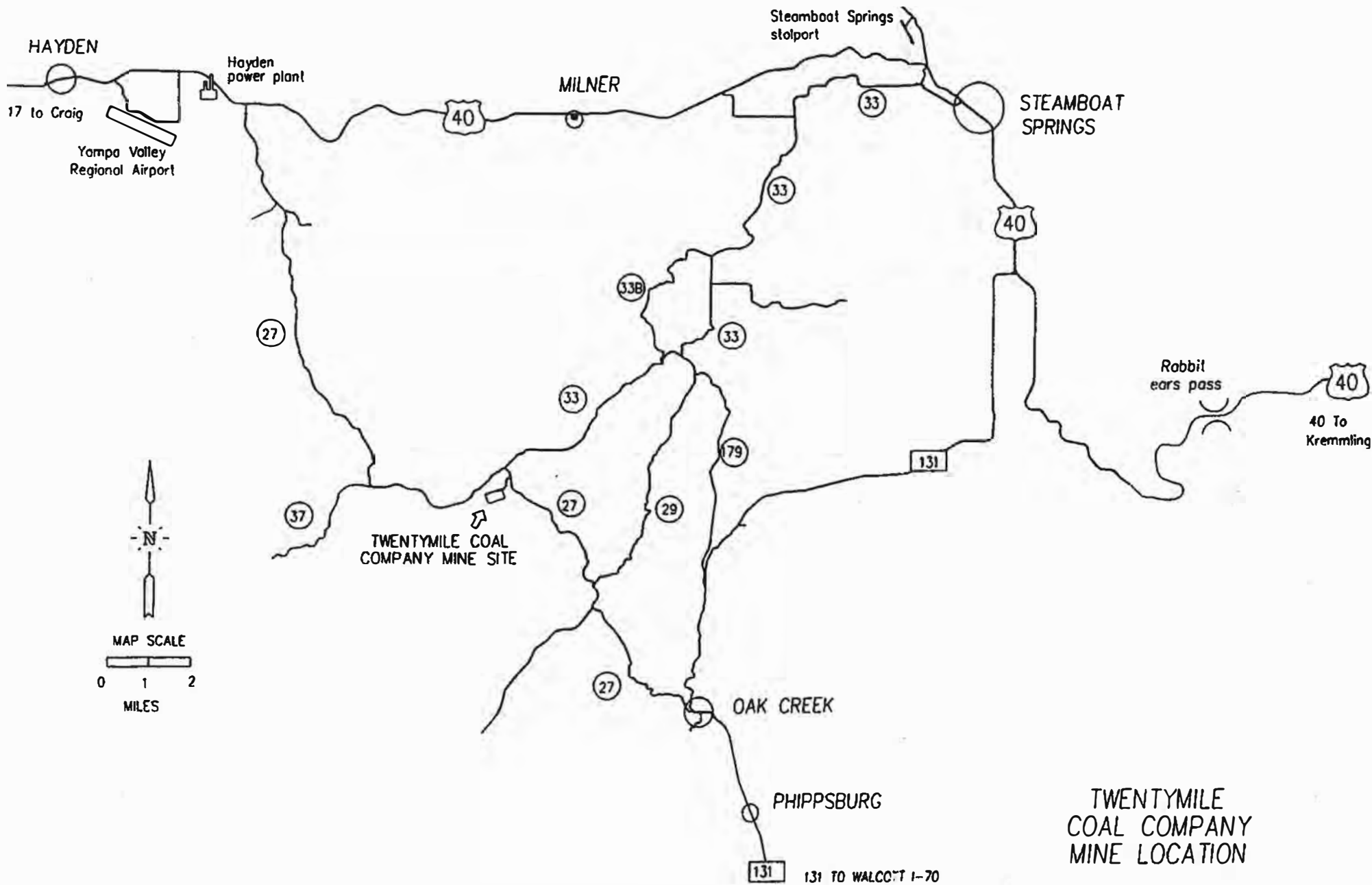
2022 Annual Report

Attachment 7

Figures

Foidel Creek Mine
2022 Annual Report
Attachment 7 Figures
Table of Contents

	<u>Figures</u>
Twentymile Coal Company Mine Location	Figure 1
Foidel Creek Mine, Designated Locations, Hydrologic Monitoring Program	Figure 2



BED ROCK WELLS

- WADGE OVERBURDEN
- TWENTYMILE SANDSTONE
- TROUT CREEK SANDSTONE
- FISH CREEK SANDSTONE

ALLUVIAL WELLS

- FOIDEL CREEK
- FISH CREEK
- TROUT CREEK

SURFACE SITES

- ☐ FOIDEL CREEK
- ☐ FISH CREEK
- ☐ TROUT CREEK
- ☐ MIDDLE CREEK

OTHERS

- SPRINGS
- SPRINGS OR SEEPS
- ▲ DISCHARGE POINTS

NOTE: IN ORDER TO MONITOR UPSTREAM AND DOWNSTREAM CONDITIONS, SEVERAL ADJACENT AREA HYDROLOGIC MONITORING SITES ARE LOCATED OUTSIDE THE MINE PERMIT BOUNDARY.

MAP 13 A (FIGURE 2)

TWENTYMILE COAL CO.	
DATE	BY
2/14/94	KEFC
FOIDEL CREEK MINE	
DESCRIPTION	
20A-1	KEFC
05/25/94	KEFC
REVISION #	DATE
1	2/25/94
2	2/25/94
3	2/25/94
4	2/25/94
5	2/25/94
6	2/25/94
7	2/25/94
8	2/25/94
9	2/25/94
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DRAWN BY >> KEC | SCALE >> 1" = 2000