

# OXBOW MINING, LLC



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Via email

March 5, 2025

Dan Ben-Horin  
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2465 S. Townsend Avenue  
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Mr. Levi Broyles  
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Paonia Ranger District  
PO Box 1030  
Paonia, CO 81428

Re: 2024 Annual Hydrology Report  
CDRMS Permit C-1981-022, Oxbow Mining, LLC

To Whom It May Concern:

In accordance with the requirements of Federal Coal Lease COC- 61357, *Special Stipulation Section 15(d)(1) Water Replacement Plan*, please find attached one copy of the Oxbow Mining, LLC., CDRMS Annual Hydrology Report for the year 2024.

Please contact me at 970-929-6034 if you have any questions concerning the contents of the report.

Sincerely,

Doug A. Smith  
Chief Engineer

Enclosures

Xc: Mike Ludlow (OMLLC)  
Dan Gray (USFS)  
Andrew Laca (BLM)

Files



March 5, 2025

Mr. Leigh Simmons  
Environmental Protection Specialist  
Colorado Division of Reclamation, Mining and Safety  
1313 Sherman Street, Room 215  
Denver, CO 80203

Re: 2024 Annual Hydrology Report  
CDRMS Permit C-1981-022, Oxbow Mining, LLC

Dear Mr. Simmons:

Please find enclosed one copy of the Annual Hydrology Report for the year 2024.

The report and site descriptions follow the format of the revised hydrologic monitoring program approved as a result of the PR-04 Permit Revision and TR-47.

Please contact me if you have any questions concerning the contents of the report.

Sincerely,

Doug A. Smith  
Chief Engineer

Enclosures

Xc: Mike Ludlow (OMLLC)  
files



**2024 ANNUAL**  
**HYDROLOGY REPORT**

**OXBOW MINING, LLC**

**ELK CREEK MINE**

**CDRMS PERMIT C-1981-022**

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Exhibit No. 1 – Surface Water Information

Exhibit No. 2 – Ground Water Information

## 1.1 Introduction

Oxbow Mining, LLC owns the now closed and reclaimed Elk Creek and Sanborn Creek Mines. The surface facilities for the mines are located immediately north of the town of Somerset, Colorado in Gunnison County. The Sanborn Creek Mine portals were located about one mile east and the Elk Creek Mine portal is located about a half mile north of the office facilities, the town of Somerset and State Highway 133. Coal from both mines had been conveyed to surface facilities where storage, processing (screening and crushing) was conducted. The coal was then loaded onto unit train rail cars for shipment to customers. A limited amount of coal had historically been transported by highway truck from the facilities to a nearby loading and crushing facility (Terror Creek Loadout) where sized coal products were provided to customers. In early 2003 the Sanborn Creek mine completed mining of the last longwall panel, the mining equipment was removed and the mine was sealed and the portals reclaimed. In 2015 the Elk Creek Mine portals were sealed and demolition, backfill and grading was completed in 2018.

The Sanborn Creek and Elk Creek Mines' surface facilities are located within the North Fork of the Gunnison River drainage, which is a tributary to the Colorado River. The North Fork drainage ranges in elevation from 5,550 feet to 12,000 feet and drains 1,253 square miles. The average annual discharge of the North Fork of the Gunnison River at the U.S. Geological Survey gauging station 2.3 miles east of Somerset is 313,300 acre feet of water, or an average discharge of 457 cubic feet per second. Peak flows generally occur in May as a result of snowmelt with minimum flows occurring during the winter months.

Surface drainage from the CDRMS permit area runs directly to the North Fork of the Gunnison River. One perennial, one intermittent, and eleven ephemeral creeks and gulches drain the permit area. From west to east, the creeks shown on CDRMS permit drawing 2.04-M6 are known as:

|                  |              |
|------------------|--------------|
| Hubbard Creek    | Perennial    |
| Bear Creek       | Ephemeral    |
| Elk Creek        | Ephemeral    |
| Sanborn Creek    | Ephemeral    |
| Unnamed Drainage | Ephemeral    |
| Coal Gulch       | Ephemeral    |
| A-Gulch          | Ephemeral    |
| B-Gulch          | Ephemeral    |
| C-Gulch          | Ephemeral    |
| Hawksnest Creek  | Ephemeral    |
| Hoopla Gulch     | Ephemeral    |
| Bardine Canyon   | Ephemeral    |
| Thompson Creek   | Intermittent |

## 1.2 Monitoring Information

The hydrologic monitoring parameters and the schedules for the hydrologic monitoring programs are presented in Section 2. The monitoring sites, parameters and schedules have evolved over time as the facility has evolved and changed. The current monitoring program was substantially modified in 2001 per Permit Revision PR-04 and further modified in TR-47 in 2004. The current monitoring program can be found in Exhibit 2.05-E7 – Hydrologic Monitoring Plan of the CDRMS permit.

Field parameters for groundwater are depth to water level, pH, conductivity, and temperature. Field parameters for surface water are flow, pH, conductivity, dissolved oxygen, and temperature. Equipment and methods used to measure the field parameters include:

- Depth to water level - A cable marked in increments is lowered into the groundwater monitoring well until electrical continuity is reached at the water surface.
- pH – An Oakton Instruments pH Testr basic pocket-size tester is used to measure the pH of a water sample. Published specifications for the pH Testr are range: pH - 0.0 to 14.0, resolution: 0.1 pH, accuracy:  $\pm 0.1$  pH, automatic temperature compensation, up to 3 point calibration. The pH tester is calibrated prior to sampling events using the 2 point method. The expected pH is bracketed by the pH of the calibration solutions. In most cases the pH tester is calibrated to 7 and 10 which brackets all of the current monitoring results. If an expected pH is less than 7, the pH tester can be calibrated at 4 and 7.
- Conductivity - A Cole Parmer pocket-size TDS Testr 3 or TDS Testr 4 is used to measure the conductivity of a water sample. Published specifications for the TDS Testr 3 are range: 0 to 1990 uS, resolution 10 uS, accuracy:  $\pm 2\%$  full scale, automatic temperature compensation: 0 to 50 degrees C, calibration with standard solution. Published specifications for the TDS Testr 4 are range: 0 to 19.90 mS, resolution: 0.1 mS, accuracy:  $\pm 2\%$  full scale, automatic temperature compensation: 0 to 50 degrees C, calibration with standard solution. In 2021, An Ohaus ST20C-B was purchased to replace the failed Testr 3, as it has similar specifications and functions.
- Temperature - A standard mercury thermometer that measures temperature in degrees Celsius is used.
- Flow - The flow is measured in one of four different ways. The first method is to utilize a known culvert size combined with the depth of flow and the velocity determined by measuring the time it takes a floating object to travel a known distance or using a flow meter. The second method is to time flow into a bucket of known size. The third is to measure the length, width, depth, and the velocity of a stream of water or sum the flows measured in segments of a larger stream of water. The fourth way, used to find the flow of the North Fork of the Gunnison, is obtained from the nearby USGS gauging station or alternative if the station is not available.
- Dissolved Oxygen – An EXTECH Model 407510 Dissolved Oxygen Meter is used to measure dissolved oxygen with a remote sensor also containing a thermistor for measuring temperature. The DO range is 0.0 – 19.9 mg/l  $\pm 0.4$  mg/l with 0.1 mg/l resolution. Before use, the meter is calibrated according to the meter calibration procedure. This meter also provides temperature readings in F or C degrees.

Historically, water samples from groundwater wells H-10 and B-6 had been taken with a bailer that had a restricted inlet. The bailer is weighted so it sinks to the bottom of the well when it is empty. The water flowed into the bailer slowly so a sample of the water from the bottom of the well was obtained. It was not possible to purge wells H-10 and B-6 because they were connected to the flooded mine workings. With the exception of 2009, H-10 well has been dry resulting in no samples being obtained. Because of mine development activities in the Bear Creek drainage during 2004, B-6 was sealed.

Typically, water samples from groundwater wells are obtained with a bailer after the wells have been bailed to remove the equivalent of at least one volume of water from the wells. Because of regional drought conditions a number of wells often experience lowered water levels and reduced inflows. Some wells simply continue to monitor limited water containing zones. In such cases, water levels may often be obtained but water samples are not available. Often, limited volumes of water are obtained with the bailer and some samples may contain sediment moved from the “disturbed” bottom of the well.

Pre 2010, SGS (formerly Commercial Testing & Engineering Co.) of Denver, Colorado, completed the laboratory analyses of the water samples. Post 2010, Enviro Chem Analytical, Inc. of Grand Junction, Colorado completed the laboratory analysis.

These analyses are summarized on the tables and graphs found in this report. The original copies of the laboratory analytical results are stored in the OMLLC offices and are available for inspection by CDRMS during complete quarterly inspections. Copies of the specific laboratory reports are also available upon request.

2013 was the year where the mine was sealed in January because of a spontaneous combustion event in the longwall gob. Attempts to recover the mining equipment were thwarted in September 2013 when the mine was reopened and the spontaneous combustion later re-ignited. The portion of the mine containing the longwall was resealed and mine was temporarily idled on December 5, 2013. In December of 2015, the portals to the Elk Creek Mine were sealed and backfilled. The shafts were backfilled and capped. From November 2017 to March of 2018, the middle pad of the Elk Creek Mine property was reclaimed, and the creek bed was restored in this area. During May 2018 to September 2018, the lower pad, which was used for coal storage and handling, was reclaimed and the creek bed was restored in this area as well.

Snow levels in 2023 were well above normal and there was an abnormally high spring runoff. The road up Hubbard Creek was closed due rock falls and slides until June. Highway 133 was closed due to a washout at the base of Bear Creek between May 2 and June 19. A Bear Creek Road culvert was washed out at this time as well and was not replaced until midsummer. The lower Elk Creek overflowed and damaged the banks during the runoff as well. The lower Elk Creek was repaired and widened during no flow periods in late summer of 2023. Snow levels in the Upper Gunnison Basin had a favorable snowpack during the 2023–2024 winter, with snow water equivalent levels slightly above the long-term median which lead to a typical spring runoff.

## 2.0 Monitoring Requirements

### 2.1 Hydrologic Monitoring Parameters

The ongoing water quality monitoring parameters list is presented in Table 2.04.7-T1 (page 2.04-41) and Exhibit 2.05-E7 of the OMLLC permit and presented again as follows.

| <u>Ground Water</u>         |              | <u>Surface Water</u>        |                |
|-----------------------------|--------------|-----------------------------|----------------|
| <u>Parameter</u>            | <u>Units</u> | <u>Parameter</u>            | <u>Units</u>   |
| Water Level (Field)         | feet         | Flow                        | gpm/cfs        |
| pH (field & lab)            | standard     | pH (field & lab)            | standard units |
| Conductivity(field and lab) | uS/cm        | Conductivity(field and lab) | uS/cm          |
| Temperature                 | celsius      | Temperature                 | celsius        |
|                             |              | *Dissolved Oxygen           | mg/l           |
| Total Dissolved Solids(TDS) | mg/l         | Total Dissolved Solids(TDS) | mg/l           |
|                             |              | Total Suspended Solids(TSS) | mg/l           |
| Alkalinity                  | mg/l         | Alkalinity                  | mg/l           |
| Ammonia                     | mg/l         |                             |                |
| Bicarbonate                 | mg/l         | Bicarbonate                 | mg/l           |
| Calcium                     | mg/l         | Calcium (Tot)               | mg/l           |
|                             |              |                             |                |
| Carbonate                   | mg/l         | Magnesium(Tot)              | mg/l           |
| Chloride                    | mg/l         | Chloride                    | mg/l           |
| Nitrate/Nitrite             | mg/l         | Nitrate/Nitrite             | mg/l           |
| Phosphate                   | mg/l         | Phosphate                   | mg/l           |
| Sodium (Dis)                | mg/l         | Sodium (Dis)                | mg/l           |
| Sulfate                     | mg/l         | Sulfate                     | mg/l           |
| Arsenic (Dis)               | mg/l         |                             |                |
| Cadmium (Dis)               | mg/l         |                             |                |
| Iron (Dis)                  | mg/l         | Iron (Dis)                  | mg/l           |
| Iron (Tot)                  | mg/l         | Iron (Tot)                  | mg/l           |
| Manganese (Dis)             | mg/l         |                             |                |
| Manganese (Tot)             | mg/l         | Oil and Grease              | visual         |
| Zinc (Dis)                  | mg/l         |                             |                |

Note: The August water sample for the two North Fork of the Gunnison River sites will also be analyzed for the parameters of hardness, ammonia, cyanide, arsenic, silver, boron, cadmium, chromium III and IV, chlorine, mercury, manganese (dis), nickel, lead, selenium and zinc.

Tot = Total Recoverable

Dis = Dissolved

\* Dissolved Oxygen – Dissolved oxygen will be monitored only for streams.

## 2.2 Hydrologic Monitoring Schedule

CDRMS Permit Revision PR-04 and TR-47 provide the most recent modification and definition to the ongoing hydrologic monitoring program. The following list describes the present monitoring sites.

| <u>Station</u>                     | <u>Frequency</u> | <u>Elevation</u> | <u>Location</u>       | <u>Water Type</u>               |
|------------------------------------|------------------|------------------|-----------------------|---------------------------------|
| <b><u>Wells</u></b>                |                  |                  |                       |                                 |
| BC-1                               | Note 3           | 6000             | Lower Bear Creek      | Colluvial Well – Down Gradient  |
| EC-14                              | Note 3           | 6400             | Upper Elk Creek       | Colluvial Well – Up Gradient    |
| EC-15                              | Note 3           | 6300             | Mid Elk Creek         | Colluvial Well – Mid Gradient   |
| H-10                               | Note 3           | 6376             | Hubbard Creek         | Ground Water – Down Gradient    |
|                                    |                  |                  |                       | Somerset Mine B seam workings   |
| SC-1                               | Note 3           | 6106.1           | Drill hole            | Ground Water – Rollins SS       |
| SC-3                               | Note 3           | 6227.8           | Drill hole            | Ground Water – D Seam           |
| D2B                                | Note 7           | 6415             | Upper Elk Creek       | D to B Seam Water Transfer Well |
| <b><u>Streams</u></b>              |                  |                  |                       |                                 |
| B-1                                | Note 1           | 6000             | Lower Bear Creek      | Surface Water – Down Gradient   |
| B-2                                | Note 8           | 6800             | Mid Bear Creek        | Surface Water – Down Gradient   |
| B-3                                | Note 8           | 7400             | Upper Bear Creek      | Surface Water – Up Gradient     |
| C-1                                | Note 1           | 6070             | Lower Coal Gulch      | Surface Water – Down Gradient   |
| E-1                                | Note 1           | 6000             | Lower Elk Creek       | Surface Water – Down Gradient   |
| E-2                                | Note 1           | 6400             | Upper Elk Creek       | Surface Water - Up Gradient     |
| H-1                                | Note 1           | 6100             | Lower Hubbard Creek   | Surface Water – Down Gradient   |
| HN-1                               | Note 1           | 6200             | Hawksnest Creek       | Surface Water – Down Gradient   |
| NF-1                               | Note 2           | 6080             | N. Fk. Gunnison River | Surface Water – Up Gradient     |
| NF-3                               | Note 2           | 5910             | N. Fk. Gunnison River | Surface Water – Down-gradient   |
| S-1                                | Note 1           | 6080             | Upper Sanborn Creek   | Surface Water – Up Gradient     |
| USGS Gage                          | Note 6           | 6080             | N. Fk Gunnison River  | Surface Water                   |
| <b><u>Springs and Seeps</u></b>    |                  |                  |                       |                                 |
| SP-8                               | Note 4           | 6200             | Spring                | Ground Water – slump feature    |
| SP-9                               | Note 4           | 6200             | Spring                | Ground Water – slump feature    |
| <b><u>Mine Water Discharge</u></b> |                  |                  |                       |                                 |
| Outfall 015                        | Note 5           | 6400             | Elk Creek Mine        | Mine Water                      |

### NOTES:

1. Monthly flow and field parameters - April through October. One full suite analysis during 2<sup>nd</sup> and 3<sup>rd</sup> quarters if available.
2. Same as Note 1 plus monthly field parameters and 4<sup>th</sup> quarter full suite analysis.
3. Field parameters twice, June through October. Full suite 3<sup>rd</sup> quarter if sample is available.
4. Discharge and field parameters twice during June through October.
5. CDPS requirements including quarterly WET testing.
6. USGS Gage used for stream flow purposes only.
7. D to B Seam water transfer well D2B is monitored for annual flow, TSS, pH and water level twice/year. D2B2 well is sealed
8. B-2 and B-3 are surface flow and field parameters only.

### 3.0 Surface Water Information

The data collected from Oxbow Mining, LLC (OMLLC) surface water monitoring sites along with the results of laboratory analyses are presented in Exhibit 1- Surface Water Information.

The following site discussions are presented from west to east through the OMLLC property.

There were some anomaly results for high Calcium, Sodium and Chloride for the surface water. These abnormalities are suspected to be related to the abnormally high spring runoff.

#### H-1 – Lower Hubbard Creek

Surface water monitoring point H-1 is located on Hubbard Creek, where this perennial stream flows through the western edge of the OMLLC permit area associated with the abandoned but reclaimed Somerset Mine facility area and Blue Ribbon Mine Facility. Until 1996, the most recent surface activity in the area was the reclamation of the lower Hubbard Creek site. Mining activities also included the upper Hubbard Creek facilities area and the reclaimed Blue Ribbon Mine facility. In 2005 the Hubbard Bleeder Fan site, associated with the Elk Creek Mine, was permitted and constructed. During 2007, Bowie Resources, Ltd started construction of a ventilation shaft facility on lands managed by the USFS. The Bowie site is located adjacent to Hubbard Creek and up gradient of the Hubbard Creek facilities. The Bowie shaft construction continued into 2008 as did use of the upper Hubbard Creek facilities as a project staging area. Hubbard Creek is a stream that also serves as a trans-basin diversion from the Terror Creek reservoir during the summer irrigation season. The Hubbard Creek drainage and the Delta County two track road is also used extensively by USFS and BLM recreationists and other Bowie Resources mining related activities.

During 2009, the Blue Ribbon Mine received final Phase III bond release from CDRMS. Oxbow initiated reclamation rough grading of the Hubbard Fan site in 2010 and completed reclamation and seeding in 2011. In 2021, the Hubbard Fan site achieved phase 3 bond release. The Bowie Hubbard Shaft was reclaimed and seeded in 2011.

The H-1 site is, in theory, utilized as a down gradient site to detect potential changes in stream quality or quantity as a result of mining activities. Hubbard Creek point H-1 was monitored in accordance with the permit requirements. Hubbard Creek continues to exhibit summer flow volumes in response to the management of upstream diversions and regional snow conditions. Hubbard Creek flows had abnormally high spring flows during 2023. Due to road closure, samples in April and May were collected 0.75 miles downstream. The road was reopened in June. Elevated chloride and field conductivity are noted for 2023. 2024 values returned to normal. No significant difference in the 2024 monitoring results from baseline or historical measurements were observed. There appears to be no mining related impacts.

#### B-1, B-2 and B-3 – Bear Creek

The Bear Creek canyon light use road is used extensively to access the upper reaches of Bear Creek for cattle and sheep grazing, logging, hunting, mine exploration and borehole reclamation activities, natural gas operation and support companies, etc.

B-1 -- Surface water monitoring point B-1 - Lower Bear Creek, an ephemeral drainage, is monitored as a down gradient site to “verify” that the Elk Creek mine does not have an adverse effect on the quality of runoff in the drainage. During 2024, there was typical flow to no flow at B-1. A high sample of sodium and calcium appeared, probably due to low flow and nearby railroad maintenance activities at the time of sampling.

Retreat mining of D seam ended under the Bear Creek drainage during 2008. The status of the Bear Creek Road is assessed as part of ongoing subsidence monitoring. No adverse effects as a result of mining activities (or the multitude of other uses) were observed to have occurred to the Bear Creek Road or Bear Creek water quality in 2022. From a historical perspective it is important to remember that, in addition to all of the surface uses of the Bear Creek drainage, the Bear Creek drainage was also undermined by extensive historic mine workings in the B and C seam of the Somerset Mine.

B-2 and B-3 -- In accordance with the Elk Creek Federal Coal Lease COC-61357 “Water Replacement Plan” stipulation, surface water monitoring points B-2 and B-3 are monitored for flow twice annually after tributary flow from side channels between the two points has ceased. B-2 corresponds to a mid-Bear creek location roughly corresponding to the south limit of the Elk Creek Federal Coal Lease. B-3 corresponds to an upper Bear Creek location roughly corresponding to the north limit of the Elk Creek Federal Coal Lease. Generally, due to the ephemeral nature of Bear Creek and the propensity for flows to quickly cease by late June, flow measurements are most often obtained in mid-June, but because of washed out culvert crossings caused during the abnormally high spring runoff, there was no access to B-2 and B-3 measurement locations until August when the flow had already stopped.

The information is collected to aid in analyzing 1) potential water depletions and 2) potential for injury to any Bear Creek water rights. Bear Creek stream flows continued into July. A spike in 2011 total iron levels appeared tied to TSS and returned to normal levels in 2015. A spike in chloride and conductivity during 2023 and 2024 are assumed to be related to the spring runoff. Levels of sodium, calcium, TDS, and bicarbonate alkalinity appear to remain at historic levels. Other than elevated chloride and conductivity levels, analysis of the 2024 data, as well as subsidence monitoring and observations in the field, suggests no significant anomalies or any indication of adverse effects attributable to mining activities.

# BEAR CREEK FLOW INFORMATION

| Date          | Site B-2   | Site B-3   |
|---------------|------------|------------|
| June 10, 2003 | 0.25 cfs   | 0.21 cfs   |
| June 16, 2003 | 0.097 cfs  | 0.088 cfs  |
| June 15, 2004 | 0.02 cfs   | 0.041 cfs  |
| June 22, 2004 | 0.0 cfs    | 0.0174 cfs |
| June 15, 2005 | 1.036 cfs  | 1.085 cfs  |
| June 30, 2005 | 0.39 cfs   | 0.13 cfs   |
| June 7, 2006  | 0.047 cfs  | 0.033 cfs  |
| June 13, 2006 | Trace flow | Trace flow |
| June 15, 2007 | 0.21 cfs   | 0.34 cfs   |
| June 28, 2007 | Trace flow | Trace flow |
| June 18, 2008 | 1.29.cfs   | 0.72 cfs   |
| June 25, 2008 | 0.49 cfs   | 0.67 cfs   |
| June 17, 2009 | 0.55 cfs   | 0.46 cfs   |
| June 25, 2009 | 0.65 cfs   | 0.63 cfs   |
| June 4, 2010  | 3.3 cfs    | 1.5 cfs    |
| June 11, 2010 | 0.67 cfs   | 0.67 cfs   |
| June 14, 2011 | 2.3 cfs    | 1.85 cfs   |
| June 28, 2011 | 1.35cfs    | 1.92 cfs   |
| June 8, 2012  | 0.0 cfs    | 0.0 cfs    |
| June 13, 2012 | 0.0 cfs    | 0.0 cfs    |
| June 3, 2013  | 0.257 cfs  | 0.22 cfs   |
| June 24, 2013 | 0.0 cfs    | 0.0 cfs    |
| June 12, 2014 | 0.5 cfs    | 0.63 cfs   |
| June 17, 2014 | 0.42 cfs   | 0.12 cfs   |
| June 16, 2015 | 0.3 cfs    | 0.62 cfs   |
| June 24, 2015 | 0.13 cfs   | 0.13 cfs   |
| June 10,2016  | 0.23 cfs   | 0.18 cfs   |
| June 23, 2016 | 0.0 cfs    | 0.0 cfs    |
| June 6, 2017  | 1.2 cfs    | 1.4 cfs    |
| June 13, 2017 | 0.65 cfs   | 0.74 cfs   |
| May 14, 2018  | .05 cfs    | .05 cfs    |
| June 23, 2018 | 0.0 cfs    | 0.0 cfs    |
| June 7, 2019  | 4.7 cfs    | 4.7 cfs    |
| June 20, 2019 | 2.4 cfs    | 2.4 cfs    |
| June 2, 2020  | .07 cfs    | .09 cfs    |
| June 12, 2020 | .02 cfs    | .02 cfs    |
| June 11,2021  | .01 cfs    | .01 cfs    |
| June 18, 2021 | 0.0 cfs    | 0.0 cfs    |
| June 7, 2022  | 0.2 cfs    | 0.03 cfs   |
| June 30, 2022 | 0.3 cfs    | 0.03 cfs   |
| June 22, 2023 | no access  | no access  |
| June 30,2023  | no access  | no access  |

|               |          |          |
|---------------|----------|----------|
| June 6, 2024  | 0.4 cfs  | 0.2 cfs  |
| June 18, 2024 | 0.08 cfs | 0.03 cfs |

#### E-1- Lower Elk Creek

Surface water monitoring point E-1 - Lower Elk Creek, an ephemeral drainage, is monitored as a down gradient site to verify that the Elk Creek Mine and the surface facility located at Somerset does not have an adverse effect on the quality of runoff in the drainage. During spring snowmelt, elevated levels of TSS and Total Recovered Iron are routinely encountered, presumably from natural upstream erosion in the unstable Elk Creek drainage, until stream flows subside. Naturally occurring slide blocks exist in the Elk Creek headwaters and no doubt contribute additional sediment loading.

Of particular note are the possible lingering effects of pumping the two mine recovery boreholes #1 and #2 during 3 months in 2013. Elevated levels of TDS from naturally occurring alkalinity were noted in the E-1 sampling during 2013. The additional pumping flows extended the 2013 runoff period in Elk Creek. Elevated dissolved solids raised conductivity measurement during pumping, but quickly returned to “normal” after pumping was terminated on September 9, 2013. Data beyond 2014 indicate no lingering effects from the pumping. The boreholes were sealed in 2015. The road and pad for these holes were reclaimed and seeded in 2016.

Mine activities in 2017 included reclamation of drill hole pads and roads above the Elk Creek drainage. This minimal activity should not have impacted the creek, but chloride levels appear to be elevated for both E-1 Lower Elk Creek and for E-2 Upper Elk Creek in beginning in 2017. E-2 chloride levels, which is upstream of actual mine facilities, typically are higher or match the E-1 levels downstream of the mine facilities. This would indicate that restoration of portions of the Elk Creek stream channel during 2017 and 2018 and repairs made in 2023 had no effect on sample results. Sodium, chloride and calcium levels are all elevated in 2023 and 2024. E-1 and E-2 samples mirror each other and are attributed to conditions upstream of the Elk Creek disturbance.

An analysis of the data suggests there is no adverse impact by the Elk Creek Mine to Lower Elk Creek.

#### E-2- Upper Elk Creek

Surface water monitoring point E-2 - Upper Elk Creek, an ephemeral drainage, is monitored to verify that the Elk Creek mine does not have an adverse effect on the quality of runoff in the drainage. In addition, the site will serve as an up-gradient site to monitor Elk Creek prior to entering the OMLLC surface facility. See the above comments for site E-1 for the discussion on the dewater recovery boreholes.

An elevated September 2014 and July 2015 chloride levels appear to be anomalies, as the down dip site does not show a similar chloride level. An analysis of the data suggests there is no adverse impact of the Elk Creek Mine to the upper Elk Creek site or the segment of Lower Elk Creek in particular. See above in E-1 for discussion on 2021 chloride levels. Sodium, chloride,

and calcium levels were all elevated in 2023 and 2024. E-1 and E-2 samples mirror each other and are attributed to conditions upstream of the Elk Creek disturbance.

#### S-1 – Upper Sanborn Creek and S-2 – Lower Sanborn Creek

Surface water monitoring points S-1 - Upper Sanborn Creek and S-2 – Lower Sanborn Creek were established to monitor the flow in ephemeral Sanborn Creek above and below the disturbed area of the Sanborn Creek Mine site. Historically, Sanborn Creek also received mine water discharge from the Sanborn Creek Mine, consisting primarily of natural mine water inflows and some runoff of imported (from the North Fork intake) water from the mining sections. The mine water discharge (CDPS discharge point 011) commingled with upper Sanborn Creek flow for approximately 300 feet through culverts under the railroad and highway prior to discharging into the North Fork of the Gunnison River. The S-2 sample site is located at the outlet of the culvert, prior to the confluence with the river. Because of the 2003 closure of the Sanborn Creek mine, and the termination of discharge Outfall point 011, the S-2 sample site was no longer needed and, thus, eliminated from the OMLLC hydrologic monitoring program in 2004. (see TR-45).

Sanborn Creek, an ephemeral stream, flows at monitoring point S-1 during spring runoff and significant precipitation events. During 2019, S-1 had slightly higher than normal flows and ran through June. In 2021, flow stopped in April, so no lab analysis is available. The data is variable but suggests there is no adverse impact of the Sanborn Creek Mine to Sanborn Creek.

#### C-1 – Lower Coal Gulch

Surface water monitoring point C-1 - Lower Coal Gulch, an ephemeral drainage, is monitored to verify that the Sanborn Creek mine does not have an adverse effect on the quality of runoff in this drainage. During 2021 there was, again, minimal flow in Coal Gulch during spring snowmelt, and no flow after snowmelt was completed. No lab analysis was conducted. Elevated levels of chloride are noted in 2016 through 2019. In 2024 there are no unexpected levels. An analysis of the data suggests there is no adverse impact of the Sanborn Creek Mine to Lower Coal Gulch.

#### NF-1 and NF-3 – North Fork of the Gunnison River

Surface water monitoring points NF-1 (North Fork upstream) and NF-3 (North Fork downstream) were selected to monitor the water quality in the North Fork of the Gunnison River above and below the disturbed surface mine site of the Sanborn Creek and Elk Creek Mines. Monitoring point NF-3 was established in September 1997 to monitor for any mining-related water quality impacts from the West Valley coal refuse pile. It should be noted that NF-3 is also downstream from the town of Somerset and monitoring results for this station most likely include impacts from domestic water use, possible leakage from sanitary sewers, the Bear Mine discharges, and other factors that are not related to the Sanborn Creek or Elk Creek Mines. Similarly, both sample locations are located downstream of the adjacent Mountain Coal Company, West Elk Mine discharge points and potentially other less distinct historic mine discharges scattered along the river.

Flow in the river reflects natural seasonal flows from upland drainages plus regulated flows from Paonia Reservoir and significant other upland irrigation water storage facility releases during the summer irrigation season. During 2019, flows appear to be consistent with flows measured in 2018. During September of 2017, river flows contained significant amounts of sediment from sediment scouring activities of the Paonia Reservoir. Summer and early fall flows reflect discharges from upland storage reservoirs used downstream by the water rights holders. Irrigation water return from upstream agriculture activities does also occur. Charted cyanide levels are related to the Lab MDL. No significant changes were noted, however, in the analytical data. There is nothing in the data to suggest adverse impact by the Elk Creek Mine or Sanborn Creek Mine to the River.

The water flows for the North Fork are obtained from the USGS Gauging station located on the river upstream of the mine. If the data from the station becomes unavailable, some other mechanism may have to be employed for flow data.

#### HN-1 – Lower Hawk’s Nest Creek

Surface water monitoring site, HN-1 Lower Hawk’s Nest Creek, is monitored to verify that the Sanborn Creek Mine does not have an adverse effect on the quality or quantity of runoff from this ephemeral drainage. During 2021 there was, again, minimal flow in Hawk’s Nest Creek during spring snowmelt, and no flow after snowmelt was completed. Higher sulfate levels seen in 2011 appeared to return to normal in 2013. In 2019, sulfate again began to rise and the 2021 sulfate level is similar to the level in 2011. An analysis of the data suggests there is no adverse impact of the Sanborn Creek Mine to Lower Hawk’s Nest Creek.

## 4.0 SEEP AND SPRING INFORMATION

Two spring monitoring points, SP-8 and SP-9 are monitored, and the results compared with baseline and historic monitoring data. A significant change in the quality or quantity of flow from these springs and seeps after retreat mining might indicate that the Sanborn Creek Mine might be impacting these water resources.

The data collected from Oxbow's groundwater monitoring stations, along with the results of laboratory analyses are presented in Exhibit 2 – Groundwater Information.

### Spring SP-8

Based on the quality and location of spring SP-8, it was determined that the source of the spring was the abandoned Oliver Mine. Until 1999, flows from this spring were relatively consistent. No flows were recorded during any of the 2001 through 2024 monitoring events. Based solely upon coincidence, Oxbow believes that water from the Oliver Mine may have drained into the Sanborn Creek mine at the time of the 1999 mine fire event. Since this event occurred, no flow from spring SP-8 has been recorded.

### Spring SP-9

Spring SP-9 is a seep located at the base of a landslide feature in the Unnamed Gulch. Historically, flow had been nearly continual, but at very low rates. The source of the spring appears to be a shallow perched water zone discharging from the toe of a surface slide feature. During 2024 the spring SP-9 did not flow.

## 5.0 Ground Water Information

The data collected from Oxbow's groundwater monitoring sites, along with the results of laboratory analyses are presented in Exhibit 2 – Groundwater Information.

The following site discussions are presented from west to east through the OMLLC property.

### H-10 Well – B-Seam – Somerset Mine Workings – Hubbard Creek Drainage

The sealing of the abandoned, historic Somerset Mine portals has precluded access into the mine to obtain underground mine water samples from those abandoned workings. Instead, since the Somerset mine was closed in 1985, monitoring wells H-10 and B-6 had historically been utilized to monitor potential groundwater inflow and quality in order to predict the extent of flooding in the abandoned underground workings. Monitoring water levels in these two wells served as a valuable predictive tool as to whether water from flooded mine workings could impact the hydrologic balance.

The H-10 well is in Hubbard canyon near the western limit of underground B seam mining of the Somerset mine and near the north or down-gradient limit of the old mine workings in that specific area. The elevation of the B seam in the well is ~ 6018 feet. From 1987 to 1989, the water level in H-10 held steady at about elevation 6028 feet, and then in 1992 rose to approximately 6068 feet in elevation. From 1989 until 1999, the water level ranged from 6067 feet to 6069 feet in elevation. In October 1999 and 2000 through 2008 no water could be measured in the well. In 2009 the water level elevation was found to have reestablished and ranged from 6088.7' to 6090'. In 2010 through 2022, no water has been measured in the well.

Starting in 2006, the H-10 well was to have been used to monitor any B seam water level resulting from the transfer of water from the D seam workings to the B seam workings through borehole D2B2 located in the vicinity of the Hubbard Fan site. As of the data year 2008, no water level had been encountered in H-10. With the sealing of the western mining district and sealing of the Hubbard shaft on October 12, 2008, the pumping of water to D2B2 was halted.

The reestablishment of a water level in the well in 2009 likely indicated inflow into the abandoned mine workings in this vicinity. A comparison of the 2009 water quality data versus the earlier pre-1997 data indicates little change except for increased dissolved and total iron concentrations and increased dissolved solids concentration, primarily as calcium. A lack of a water level in 2010 through 2024 indicates the variable nature of the ground water in the vicinity.

### B-6 Well – B Seam – Somerset Mine Workings – Bear Creek Drainage

The B-6 monitor well is no longer in service and the following discussion is presented for historical reference.

“The B-6 well is also located in a down-gradient location in the abandoned Somerset Mine workings in the vicinity of Bear Creek canyon. The elevation of B seam in this vicinity is ~5925

feet. In monitoring the B-6 well, the historical fluctuation of water levels has been different than experienced in well H-10. After initially rising to elevation 6035 feet, the water level fell to elevation 6014 feet in 1990. Water levels then recovered, with an increase to elevation 6033 feet in 1992, and rising to elevation 6051 feet in 1993. The water level ranged from 6038 feet to 6048 feet in 1994 and 1995, and then rose to elevation 6054 feet in 1997. In 1998 the water level ranged between 6052 and 6053 feet in elevation.

Similar to monitoring well H-10, since October 1999 and during 2000 through 2004 no water was measured in well B-6. The lack of water in the H-10 and B-6 wells may be due to a blockage or another problem in the wells. The scenario that both wells failed at the same time appears, however, unlikely. Performance and condition of the bailer when raised during sampling do not suggest the wells were blocked.

A more plausible explanation is that because these two wells are located in two different drainages and both are dry suggests that the water level, thus inflow, into the abandoned Somerset Mine has simply decreased for some unknown reason. Curiously, this decrease is coincident with the time of the mine fire event and pumping from the North Fork into the Sanborn Creek Mine. Flows also ceased just a few months earlier from Spring 8 (believed to have been from the old Oliver Mine D-seam workings).

However, unlike the Oliver Mine, there is no portion of the abandoned B- and C-seam workings of the Somerset Mine that overlie the Sanborn Creek Mine. Rather, there is more than 200 horizontal feet of unmined B-seam coal barrier pillar separating and isolating the Somerset Mine B workings from the Sanborn Creek mine B workings.

OMLLC has held the belief through the years that should wells H-10 and B-6 continue to remain dry, the data supports the conclusion that the Somerset mine will continue to have a negligible effect on the hydrologic balance of the region. (See the following discussion regarding the D2B water transfer well for additional ground water discussions.)

In the fall of 2004, the Elk Creek Mine D seam development was to have intercepted the vicinity of the B-6 well. Because of the MSHA requirement to seal interconnecting mine openings in order to isolate mine atmospheres, the B-6 well was plugged with concrete on October 19, 2004. Upon entering the vicinity of the well, the steel casing was never actually encountered by the D seam continuous miner section and the casing remains intact within a coal pillar.”

#### BC-1 Well – Lower Bear Creek Canyon – Alluvium/Colluvium

The Bear Creek canyon light use road is used extensively to access the upper reaches of Bear Creek for cattle and sheep grazing, logging, gas company access, mine exploration and methane ventilation activities, hunting, etc. The two track, ranch road crosses Oxbow, BLM, and other private lands.

The BC-1 Well is in the shallow alluvium/colluvium located near the entrance to Bear Creek canyon in the vicinity of the railroad trestle. The purpose of the well is to monitor possible groundwater changes down gradient from the Elk Creek Mine D seam mining activities in the

Bear Creek drainage area. In addition, it is important to note that the BC-1 well is also located down-gradient from the old Somerset Mine workings as well.

Groundwater in this ephemeral drainage appears closely linked to the variable surface water flow found nearby in Bear Creek. Soon after Bear Creek goes dry, typically, so drops the water level in the BC-1 well. During late 2006 the monitor well was damaged by a hunter's vehicle. No water samples could be taken during 2007 because of the damage. MR-85 addressed the re-drill of the monitor well which was completed on November 9, 2007. On June 18, 2008 and during the sampling event of August 8, 2008 attempts were made for the routine sample of the "new" well. We found that the well was "pushed over" making it un-useable once again. Repairs were made to the well on August 25, 2008 and the well successfully sampled on August 26, 2008. A large concrete barrier has been placed in front of BC-1 to prevent additional damage.

During 2023, Bear Creek had abnormally high spring snow melt flows, which actually washed out and closed CO Highway 133 from May 2 to June 19. Several upstream culvert crossings were also washed out and later replaced. The usual absence of flow during the dry season was typical in 2023.

During 2023, water samples were available in BC-1. A high sulfate anomaly is noted in 2023, but returned to normal in 2024. Analysis of the BC-1 data suggests no other anomalies or long-term trends.

#### EC-14, EC-15 Wells - Elk Creek – Alluvium/Colluvium

The EC-14 well is located up gradient of the EC-15 well. The EC-14 well is located in undisturbed alluvium/colluvium up-gradient from the Elk Creek mine surface facility but down-gradient from the eventual D seam mining area located in the upper reaches of Elk Creek. The EC-15 well is located in alluvium/colluvium located south of the D seam portal area but north of the coal stockpile area. Changes in the hydrologic condition of shallow Elk Creek alluvial groundwater due to mining activities could potentially be monitored from these two wells.

The EC-14 monitor well was proposed to be moved upstream to accommodate the 2012 construction of a methane fueled, electricity generation facility. In 2012 the monitor well was redrilled so as to be located off of the methane facility. The old well was sealed and abandoned.

During 2021, water levels in the wells were seasonably variable, with no sample collected from EC-15 in September.

Both wells showed elevated levels of chloride and zinc in 2012 for no apparent reason, but the 2013 levels appeared to return to "normal" During 2014, chloride was elevated in both, but zinc seemed elevated only in EC-15. There was an EC-14 chloride spike in June 2017, but levels returned to normal in September. EC-15 also had a spike in chloride in June 2017, but was dry in September. Elevated chloride and manganese levels continued in both wells during 2017 through 2020. Zinc in EC-14 and EC-15 has stabilized at slightly elevated levels. In 2024, analysis of the data for these wells suggests no anomalies or effects attributed to mining.

### D2B and D2B2 Mine Water Transfer Wells ( “D seam to B seam”)

The purpose of these two boreholes was to transfer mine water from the D seam Elk Creek mine workings to the underlying Somerset B/C seam workings. The depth to water is to be measured at the same frequency as the overall OMLLC groundwater monitoring program. Data is also to be collected regarding 1) annual total volume of water transferred, 2) representative pH of transferred water and 3) representative TSS of transferred water.

#### D2B

The D2B mine water transfer well was drilled and completed in late December 2004 in the vicinity of the upper Elk Creek facilities area. When the drill penetrated the B Seam workings, it was apparent that this portion of the B seam mine was flooded with water. The B seam was encountered at the 5918' elevation and a static water level later appeared at the 6042' elevation. Water transfer operations first began in early 2005 for D2B. During late 2011, the D2B water meter failed and had to be replaced. During 2012, we estimate that 81 million gallons of water was transferred. During 2013, with the sealing and later idling of the Elk Creek mine due to the spontaneous combustion event behind the longwall no water was transferred during the year. In 2015, the Elk Creek Mine was sealed and no water pumped since that time. The water level returns to the 6051' elevation.

The floor of the historic Somerset B Seam Mine portal is at the approximate 6090' elevation, so there remains approximately 39' of elevation remaining before the water could exit the mine at that location.

#### D2B2

The D2B2 borehole was completed in December 2005 in the vicinity of the Hubbard Fan. Water transfer started during early 2006. The bottom 39' of the 338' borehole is uncased. The B seam coal roof was encountered at 6046' elevation. After initial water transfer, initial water level was encountered at 6053' elevation, or 7' above the coal. Subsequent measurements encountered an apparent dry borehole obstruction at the 6070.7' elevation or 24' above the coal. The obstruction has not precluded water transfer but has limited the ability to lower the sounder past the obstruction. During 2008, the sounder encountered more favorable conditions and a water level appeared at the 6064' elevation. During 2008 the underground pumps ran very little. On October 12, 2008 the 13 West gate road was sealed, the Hubbard fan dismantled, the shaft sealed with earthen materials and the western mining district sealed off. Pumping of water to D2B2 was also concluded. The reclamation and seeding of the Hubbard fan site was completed in early 2012.

**Water Level (Elevation Ft.)**

| <b>Date</b>        | <b>D2B</b> | <b>D2B2</b>         |
|--------------------|------------|---------------------|
| January 14, 2005   | 6044.0     | -                   |
| January 19, 2005   | 6044.0     | -                   |
| February 22, 2005  | 6044.6     | -                   |
| March 31, 2005     | 6043.6     | -                   |
| May 3, 2005        | 6044.0     | -                   |
| June 15, 2005      | 6044.5     | -                   |
| July 11, 2005      | 6043.6     | -                   |
| August 24, 2005    | 6044.6     | -                   |
| October 17, 2005   | 6045.0     | -                   |
| April 19, 2006     | -          | 6053                |
| May 25, 2006       | 6047       | -                   |
| June 7, 2006       | -          | 6066.7              |
| July 26, 2006      | 6047       | 6070.7              |
| October 17, 2006   | 6045       | -                   |
| December 27, 2006  | 6047       | 6070.7              |
| May 23, 2007       | 6047       | Indeterminate       |
| June 19, 2007      | 6049       | Indeterminate       |
| August 16, 2007    | 6049       | Indeterminate       |
| June 18, 2008      | 6052.5     | 6063                |
| September 11, 2008 | -          | 6064                |
| October 15, 2008   | 6051       | -                   |
| March 16, 2009     | 6047       | Borehole is sealed. |
| June 16, 2009      | 6060       | Borehole is sealed  |
| August 4, 2009     | 6060       | Borehole is sealed  |
| October 26, 2009   | 6059       | Borehole is sealed  |
| June 15, 2010      | 6057.8     | Borehole is sealed  |
| August 6, 2010     | 6056.8     | Borehole is sealed  |
| June 30, 2011      | 6057       | Borehole is sealed  |
| October 7, 2011    | 6057       | Borehole is sealed  |
| June 19, 2012      | 6055       | Borehole is sealed  |
| November 21, 2012  | 6057       | Borehole is sealed  |
| May 10, 2013       | 6051.5     | Borehole is sealed  |
| October 16, 2013   | 6051       | Borehole is sealed  |
| May 27, 2014       | 6051       | Borehole is sealed  |
| September 8, 2014  | 6051       | Borehole is sealed  |
| June 30, 2015      | 6053       | Borehole is sealed  |
| Sept 16, 2015      | 6053       | Borehole is sealed  |
| July 13, 2016      | 6053       | Borehole is sealed  |
| October 11, 2016   | 6053       | Borehole is sealed  |
| June 30, 2017      | 6051       | Borehole is sealed  |

|                    |        |                    |
|--------------------|--------|--------------------|
| October 20, 2017   | 6051   | Borehole is sealed |
| June 20, 2018      | 6053   | Borehole is sealed |
| September 14, 2018 | 6053   | Borehole is sealed |
| June 20, 2019      | 6054   | Borehole is sealed |
| September 20, 2019 | 6053   | Borehole is sealed |
| June 19, 2020      | 6053.5 | Borehole is sealed |
| September 14, 2020 | 6051   | Borehole is sealed |
| June 18, 2021      | 6050.8 | Borehole is sealed |
| September 27, 2021 | 6054   | Borehole is sealed |
| June 27, 2022      | 6051.8 | Borehole is sealed |
| October 12, 2022   | 6050   | Borehole is sealed |
| June 26, 2023      | 6054.2 | Borehole is sealed |
| September 25, 2023 | 6051.8 | Borehole is sealed |
| June 24, 2024      | 6052.5 | Borehole is sealed |
| September 20, 2024 | 6051.0 | Borehole is sealed |

The data suggests no unexpected anomalies to the B seam water level.

Initially, once a year, samples of water were taken of water transferred to D2B and D2B2 and summarized below. The access to the pumps leading to D2B2 is permanently sealed with the sealing of the West District. A representative D2B data from the 2013 dewater borehole is presented here. There is no more transfer as the Elk Creek mine is sealed. No issues were ever encountered with respect to the analytical results.

| Date              | D2B  |         | D2B2          |               |
|-------------------|------|---------|---------------|---------------|
|                   | pH   | TSS     | pH            | TSS           |
| Year 2015         | N/A  | N/A     | N/A           | N/A           |
| Year 2014         | N/A  | N/A     | N/A           | N/A           |
| September 9, 2013 | 7.94 | 21 mg/l | N/A           | N/A           |
| December 27, 2012 | 9.19 | 85 mg/l | NA            | NA            |
| October 5, 2011   | 8.5  | 22 mg/l | N/A           | N/A           |
| November 18, 2010 | 9.11 | 23 mg/l | N/A           | N/A           |
| October 15, 2009  | 8.44 | 17 mg/l | Not available | Not available |
| December 31, 2008 | 8.69 | 38 mg/l | Not available | Not available |
| December 31, 2007 | 8.72 | 17 mg/l | 8.49          | 14 mg/l       |
| June 13, 2006     | 8.58 | 12 mg/l | 8.15          | 39 mg/l       |
| June 6, 2005      | 8.57 | 10 mg/l | NA            | NA            |
| December 28, 2004 | 8.53 | 6 mg/l  | NA            | NA            |

### SC-1 Well – Rollins Sandstone

Monitor well SC-1 is located just east of the reclaimed Sanborn Creek mine portal area.

Well SC-1 was completed in the Rollins Sandstone, which is located 40 to 50 feet below the B-Seam. Monitoring data were historically collected from well SC-1 prior to any substantial mining in the B-Seam of the Sanborn Creek Mine. The SC-1 well is located up-gradient relative to the Rollins Sandstone unit which is located stratigraphically under the footprint of the mining activities.

Water in the Rollins Sandstone is confined to limited localized zones that are fractured and/or contained above the Rollins, as evidenced by past water level measurements that are well above the top of the sandstone member. Water quality is poor, with high total dissolved solids as sodium chloride. Inflow and recovery of the water level in the drill holes indicates very low permeability and porosity of the sandstone. The 2012 sampling indicated a substantial drop in dissolved solids, chlorides, etc. These parameters appeared to return to “normal” in 2013. A review of the long-term water level appears to show a continuous drop in water level elevation, suggesting low transmissivity of water into the sandstone from the up gradient river. In 2014 the water level was so low there was barely enough to trip the sounder recording the water level. During 2016, there was insufficient water for bottled samples. Water levels returned in 2017, 2018 and in 2019, enough so that chemical analysis was barely possible. The waters return and low level may explain elevated Iron TR, Iron D and elevated calcium. The elevated calcium continued through 2024.

Generally, the limited water quantity and poor water quality suggests there is limited transmissivity between the North Fork of the Gunnison River alluvium through the Rollins sandstone down-gradient towards the area associated with the Sanborn Creek Mine.

### SC-3 Well - B-Seam Coal – Sanborn Creek Mine

Monitor well SC-3 is located east of the Sanborn Creek reclaimed mine portal area along the entrance to the pre-existing ranch road to Coal Gulch.

Monitoring well SC-3 was completed into the B Seam coal. Monitoring data were collected from well SC-3 prior to any substantial mining in the B-Seam of the Sanborn Creek Mine. The SC-3 well is up-gradient relative to the B seam underground mining activities but down-gradient from the North Fork of the Gunnison River

The plastic pipe casing is squeezed at the 20-foot level making it difficult to lower a bailer. Using a smaller diameter bailer, we have found very minimal water available in the well. In fact there are times when the initial bailing of the well to remove one volume effectively drains the available water. The lack of water in the well and the poor water quality suggests there is little transmissivity and connection between the North Fork of the Gunnison River and the B seam coal at this vicinity of the mine. The elevated 2012 levels of zinc and iron appeared to return to “normal” but sulfate seemed to remain elevated. The well was again dry in 2018 but returned in 2019. In 2021 and 2022, the well was sampled in June, but was again dry in September. Sulfate

returned to normal, but chloride remains elevated. In 2023, chloride returned to normal, but sulfate peaked again. Perhaps the lack of water in the well in 2022 is skewing the results. Results remained normal in 2024.

As the locations of SC-1 and SC-3 wells serve to monitor only the Rollins sandstone and B-seam coal respectively up-gradient of the Sanborn creek mining area, their utility towards the monitoring of the Sanborn Creek mine itself remains somewhat limited.

## 6.0 Mine Water Information

### Elk Creek Mine Water

The water utilized at the mine property continues to be all imported from the alluvial water supply well located near the North Fork of the Gunnison River per the OMLLC water rights and Augmentation Plan.

During 2012, the 4 West and 5 West seals flowed at a combined rate of 12.3 gpm. The 13 west entry 1 seal flowed ~80 gpm. The 4B entry 10.5 crosscut flowed 2.69 gpm. The 4N entry, 3 E crosscut flowed 23.08 gpm.

During 2013, the mine was sealed or idled for most of the year. An assessment of mine inflows was not possible during 2013 but it is likely similar to 2012. During 2014 the mine remained idle and at the end of 2015 the mine was permanently sealed.

See the D2B and D2B2 well discussion above for information regarding the transfer of collected Elk Creek mine sump water to the abandoned Somerset B/C seam workings. Water is no longer removed from the mine workings.

### Outfall 011 – Sanborn Creek Mine Water Discharge

Outfall 011 was the OMLLC - CDPS mine water discharge point from Sanborn Creek Mine that discharged into Sanborn Creek

The Sanborn Creek Mine water drainage system was decommissioned on May 21, 2003. Since the mine completed the last panel, the underground hardware was removed, and the entries were sealed in accordance with MSHA requirements.

During 2004, CDMG approved PAP TR-45 which removed Outfall 011 as a monitoring point.

### Outfall 015 – Elk Creek Mine Water Discharge

Outfall 015 is a CDPS mine water discharge point for the Elk Creek Mine. The mine water discharge point provides for the discharge of mine water to Elk Creek. The Outfall 015 has never discharged. The mine is sealed and will not discharge again.

### Outfall 015B – Elk Creek Mine Dewater Boreholes.

CDPS Permit No. CO-0000132 is the primary, current Permit for the Oxbow Mining, LLC., Elk Creek Mine. Outfall 015 is the primary dewater borehole for mine water. Due to unforeseen mine conditions and circumstances related to a spontaneous combustion event and temporary sealing of the mine by the Mine Safety and Health Administration (MSHA) Oxbow had proposed a temporary re-location for the mine water discharge Outfall 015 borehole to aid in mine recovery efforts. As Permit CO-0000132 was expired and operating under an Administrative Extension, CDPHE could not “modify” an expired Permit. Oxbow was instructed to submit an application for an alternative Outfall 015B. The alternative dewater borehole Permit application (March 26, 2013) resulted in the issuance (on April 16, 2013) of Permit COG-850064 for an alternative Outfall 015B. The resultant dewater borehole pump(s) operated from June 3, 2013 until September 9, 2013. Approximately 58,879,900 gallons (180.6 acre-feet) were subsequently pumped from the mine and discharged to upper Elk Creek. The pumps were later pulled, and all hardware removed from the drill pads. On January 31, 2014, a request was submitted to CDPHE to terminate COG-850064. During the active pumping of the dewater boreholes, the water monitoring and reporting were conducted in accordance with the terms and conditions found in the COG-850064 Permit.

During 2015, both boreholes were sealed and will not discharge again.

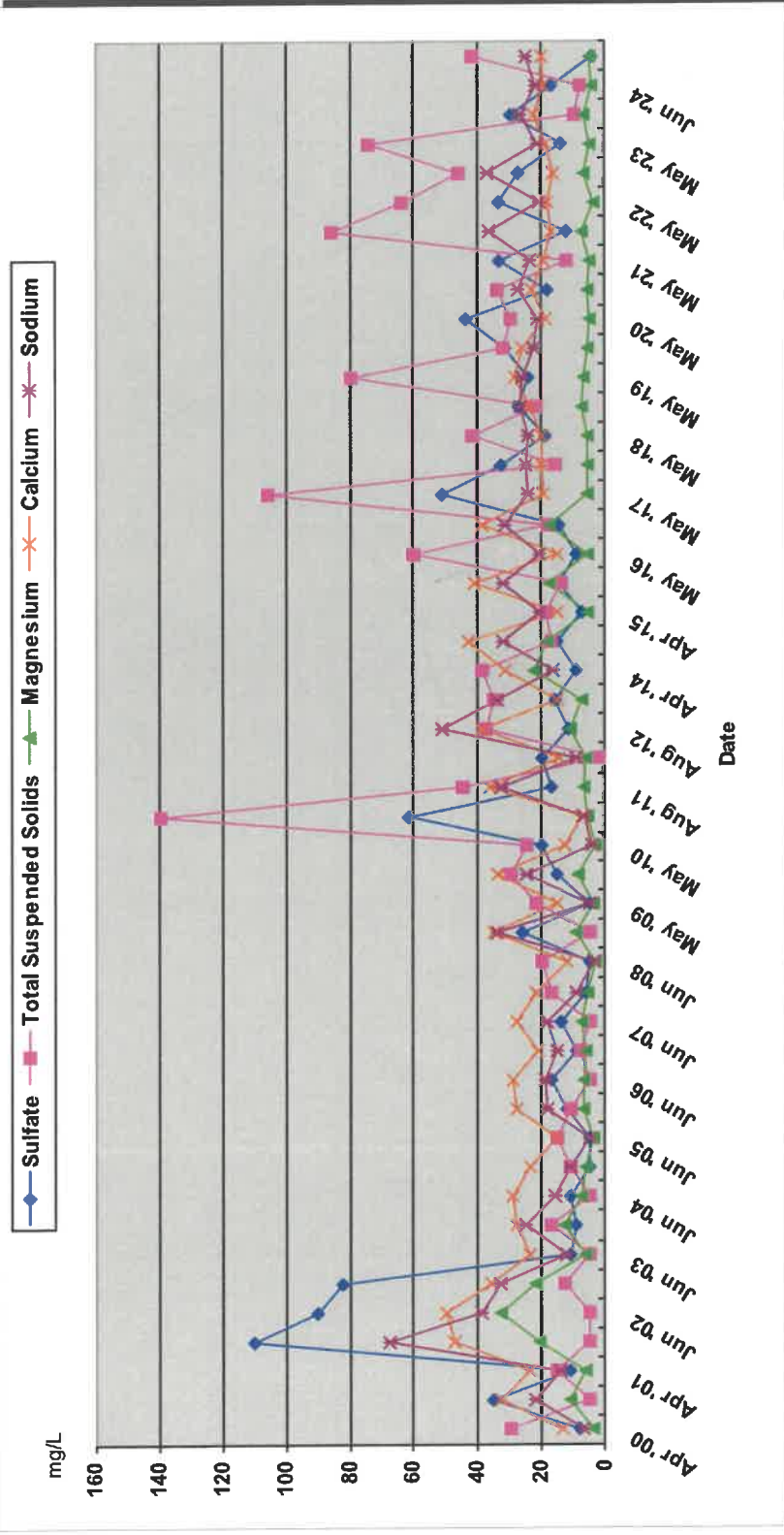
With completion of CDRMS Surety Release 3 in 2021, the pad achieved phase 2 release and the site was removed from the CDPHE discharge permit CO0000132.

# EXHIBIT 1

H-1 HUBBARD CREEK

# MONITORING CHART FOR 2024 AHR

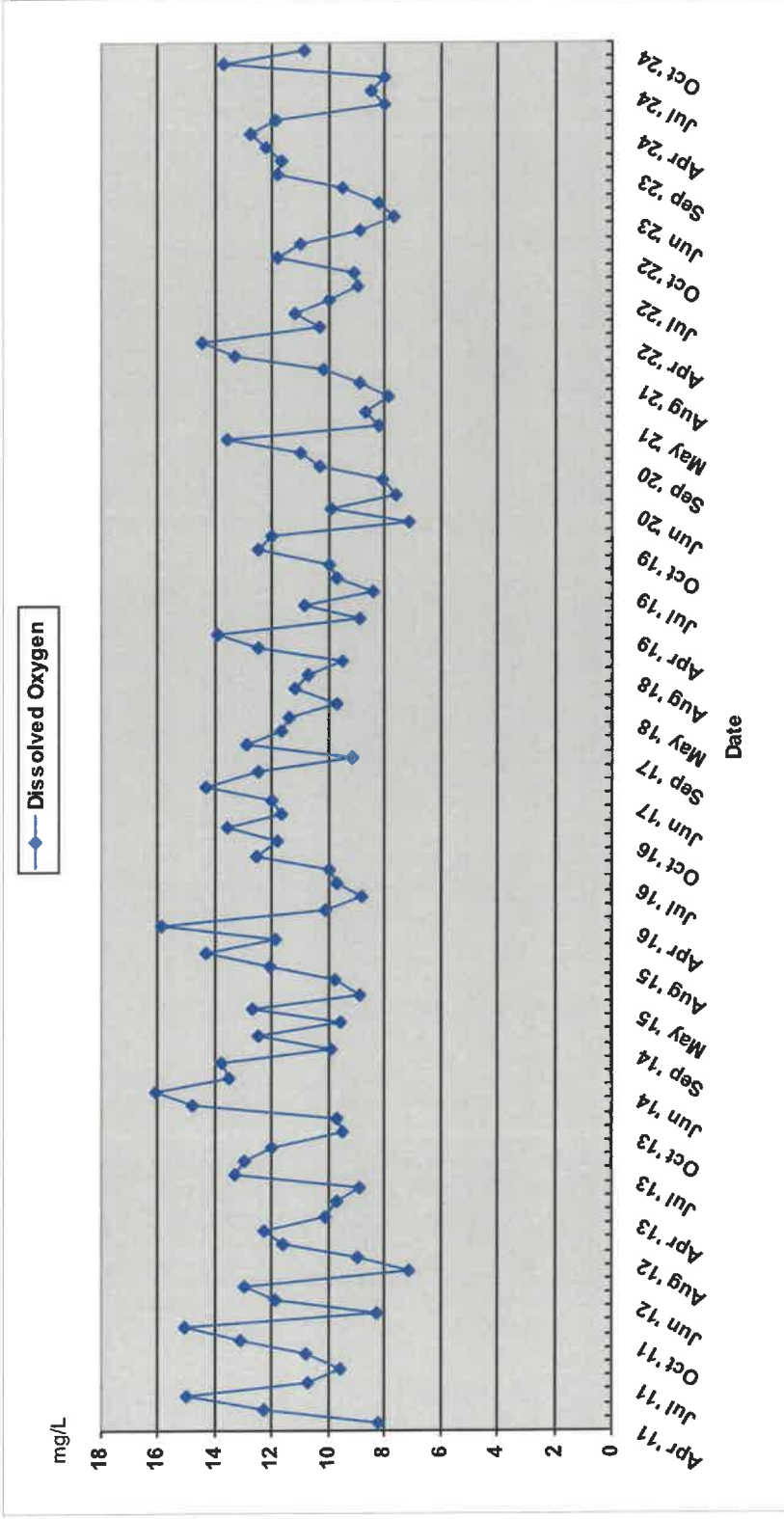
SURFACE WATER LOCATION: H-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

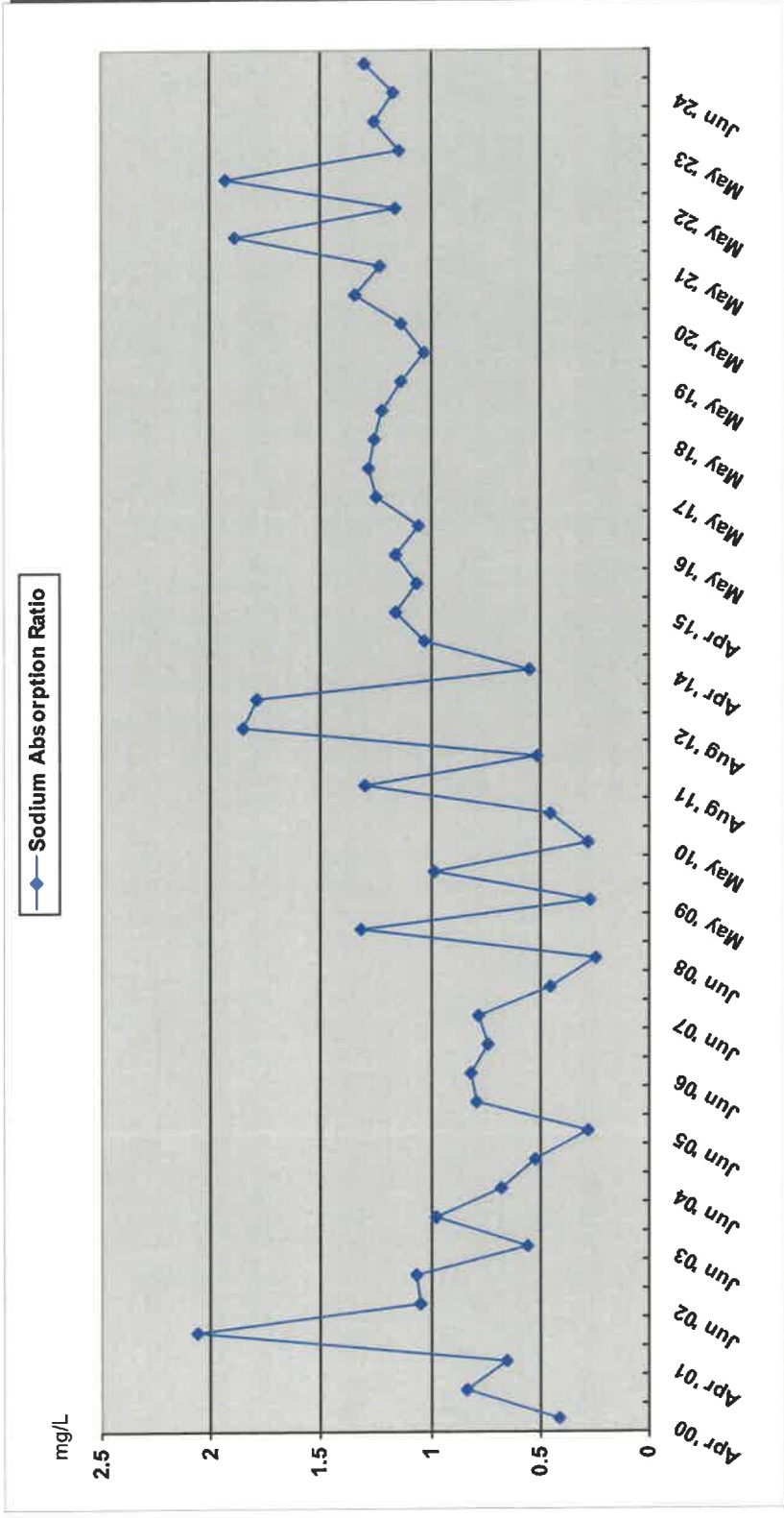
SURFACE WATER LOCATION: H-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

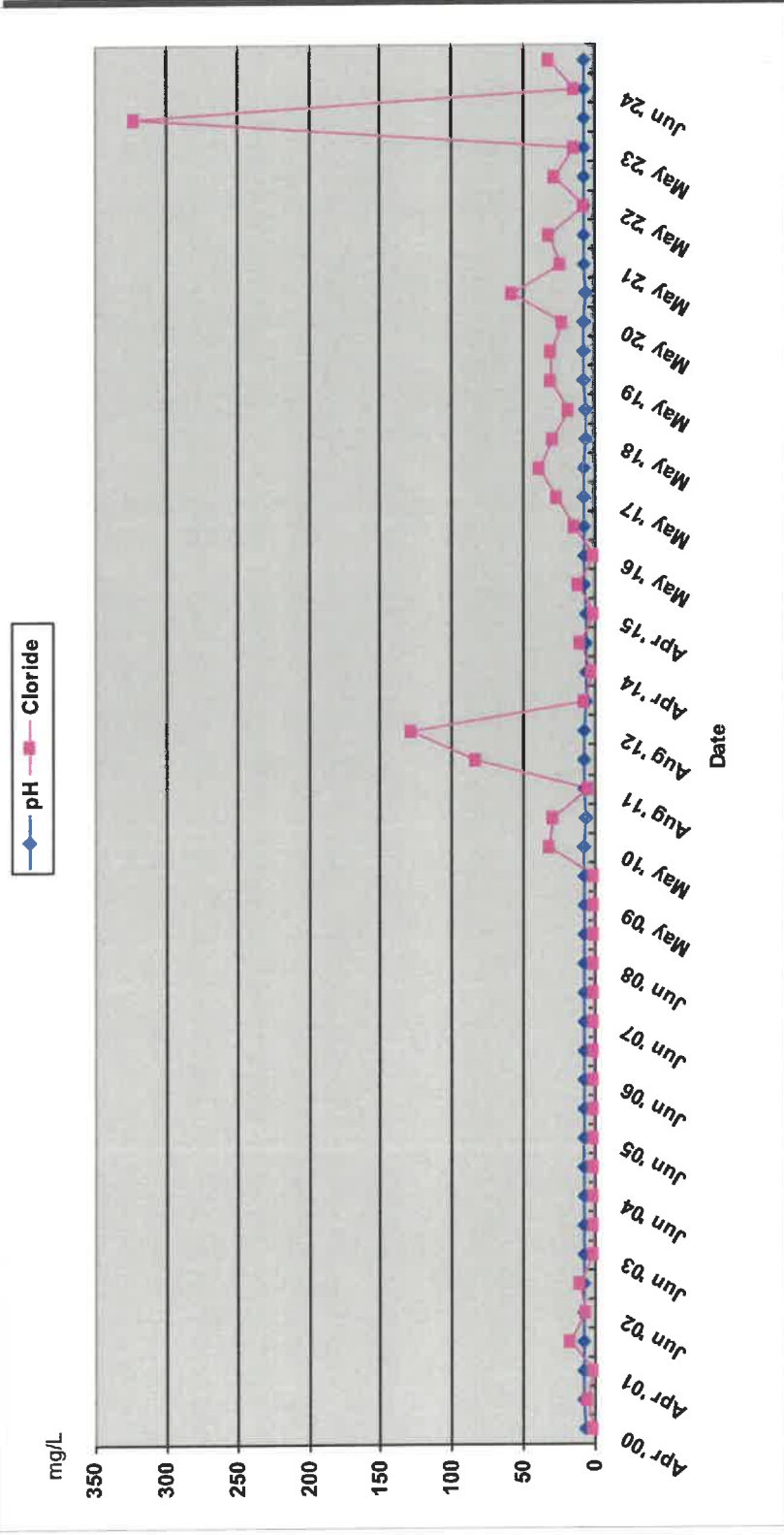
SURFACE WATER LOCATION: H-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

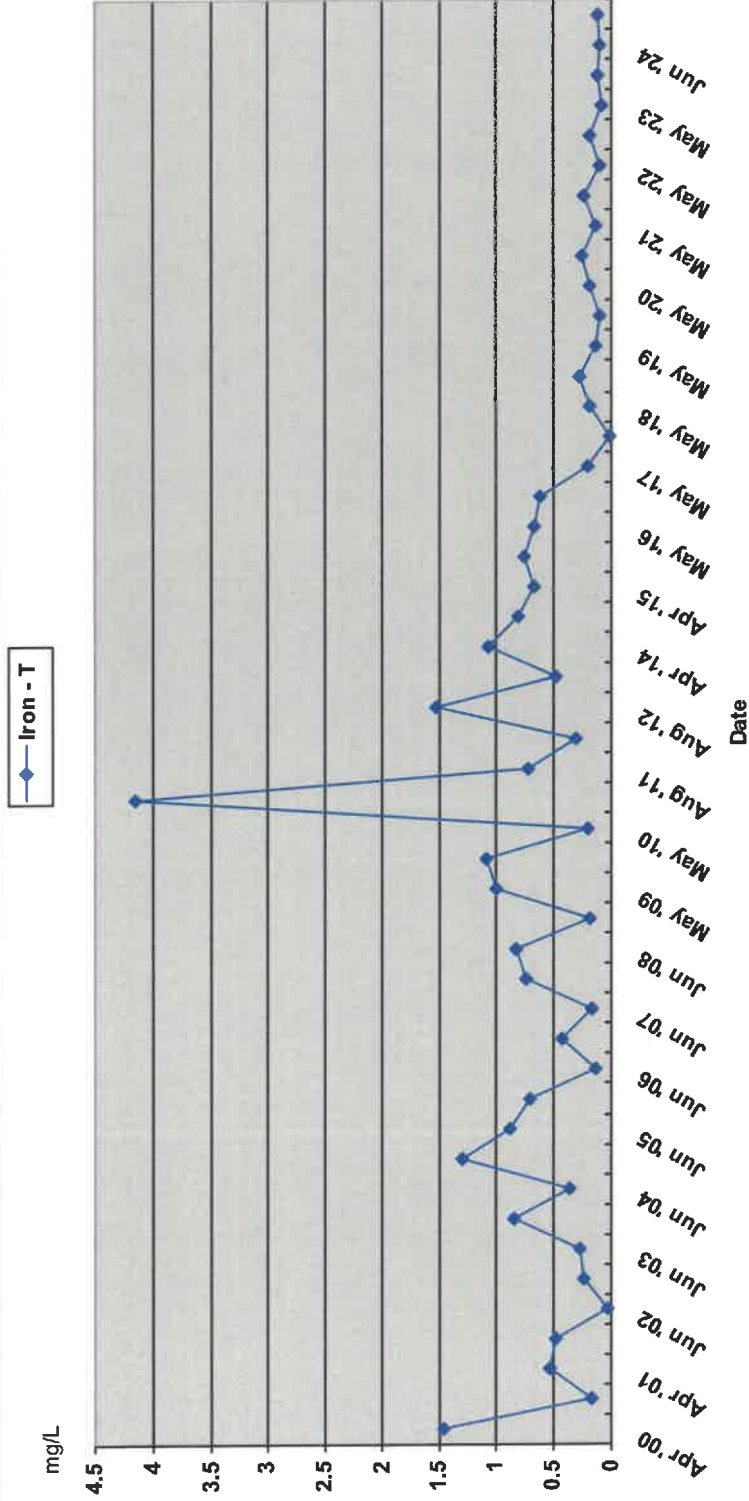
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SURFACE WATER LOCATION: H-1



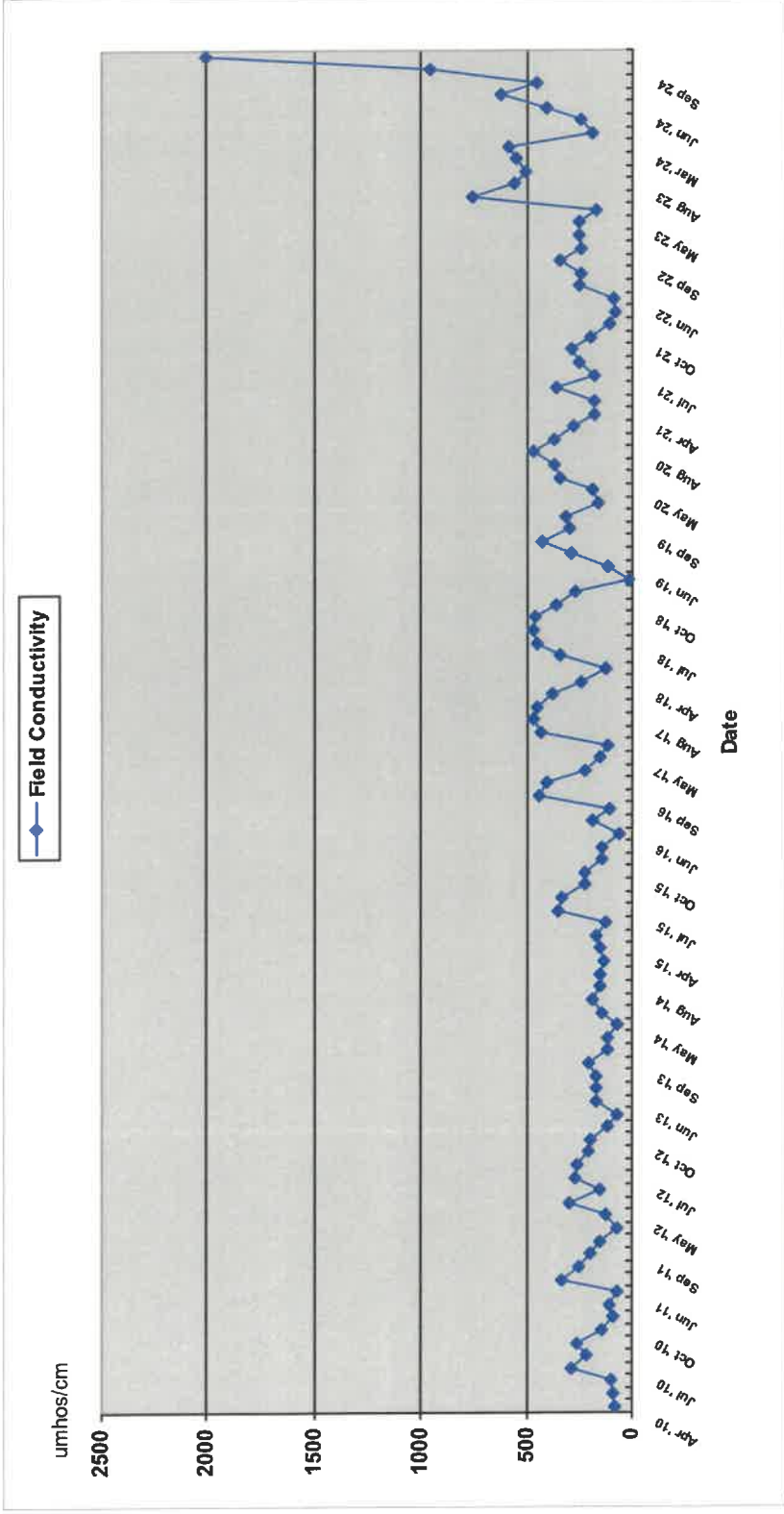
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: H-1



# MONITORING CHART FOR 2024 AHR

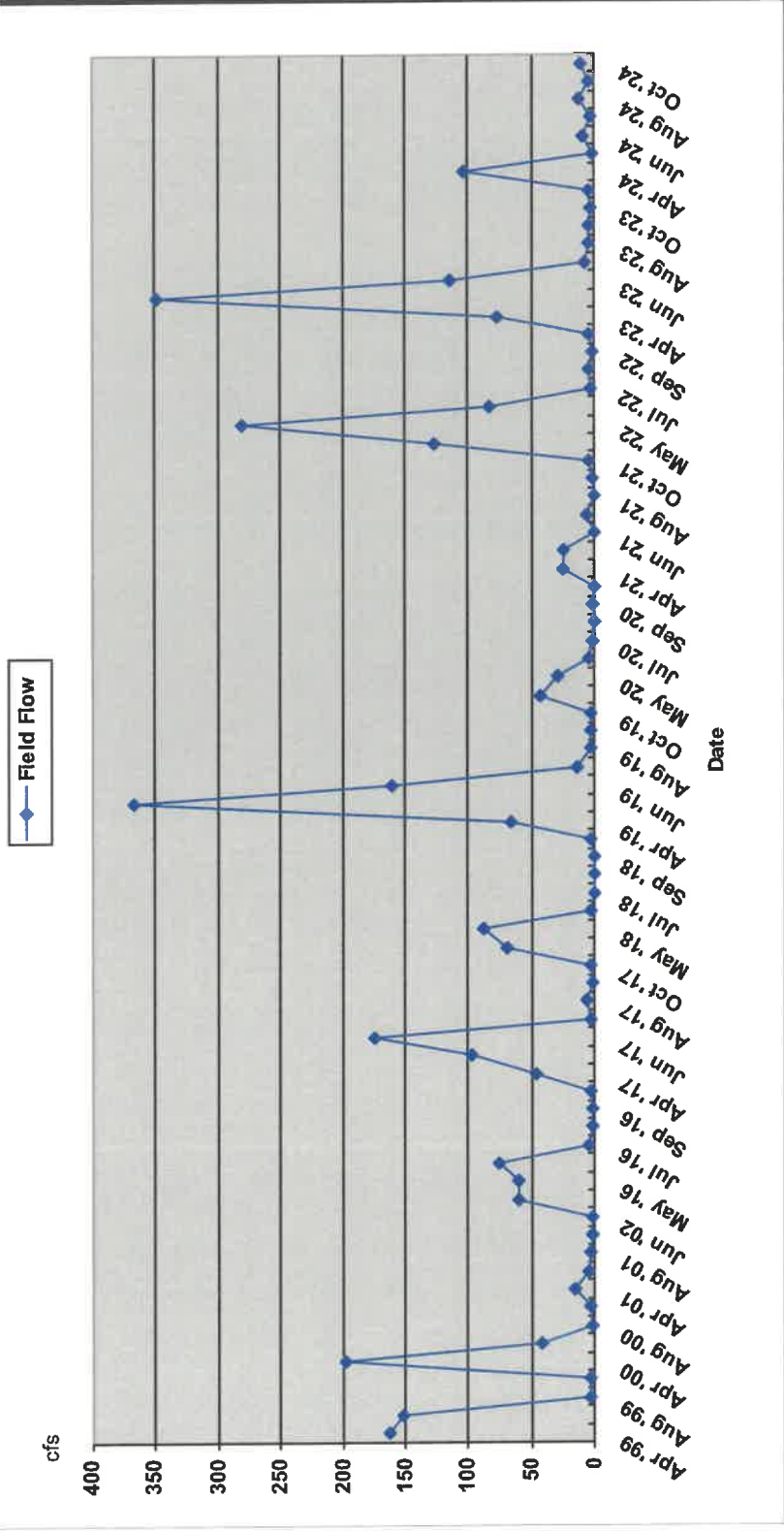
SURFACE WATER LOCATION: H-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

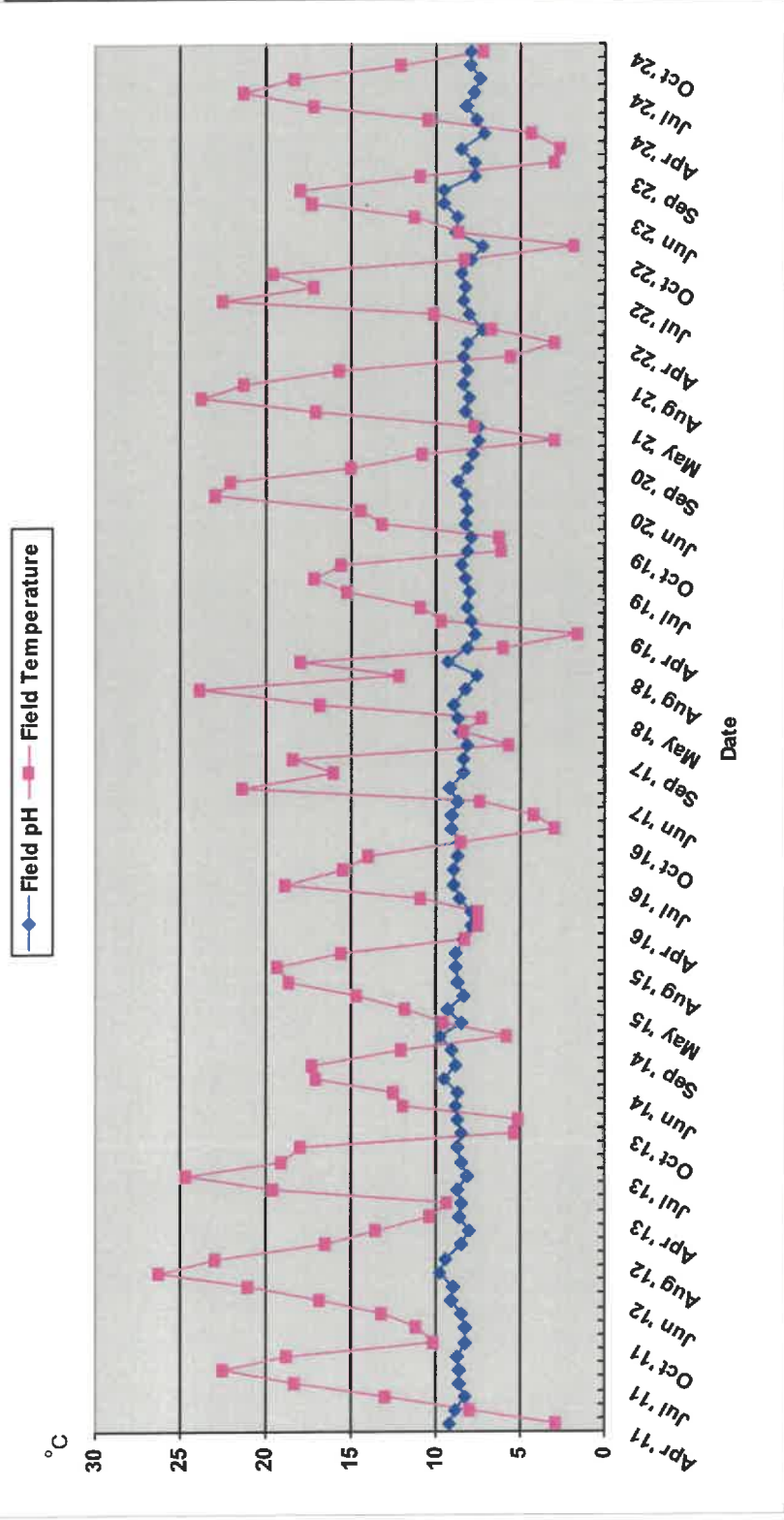
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SURFACE WATER LOCATION: H-1



# MONITORING CHART FOR 2024 AHR

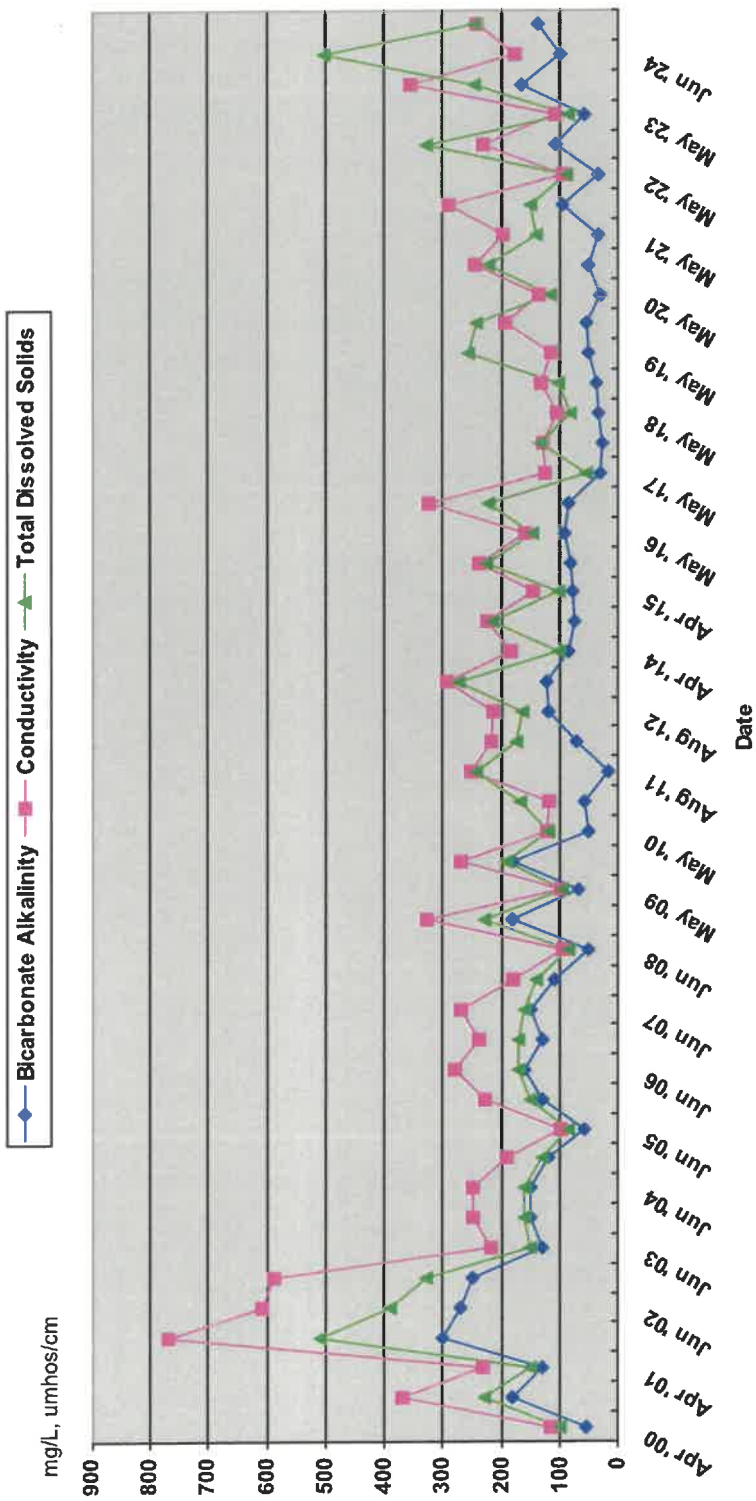
SURFACE WATER LOCATION: H-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

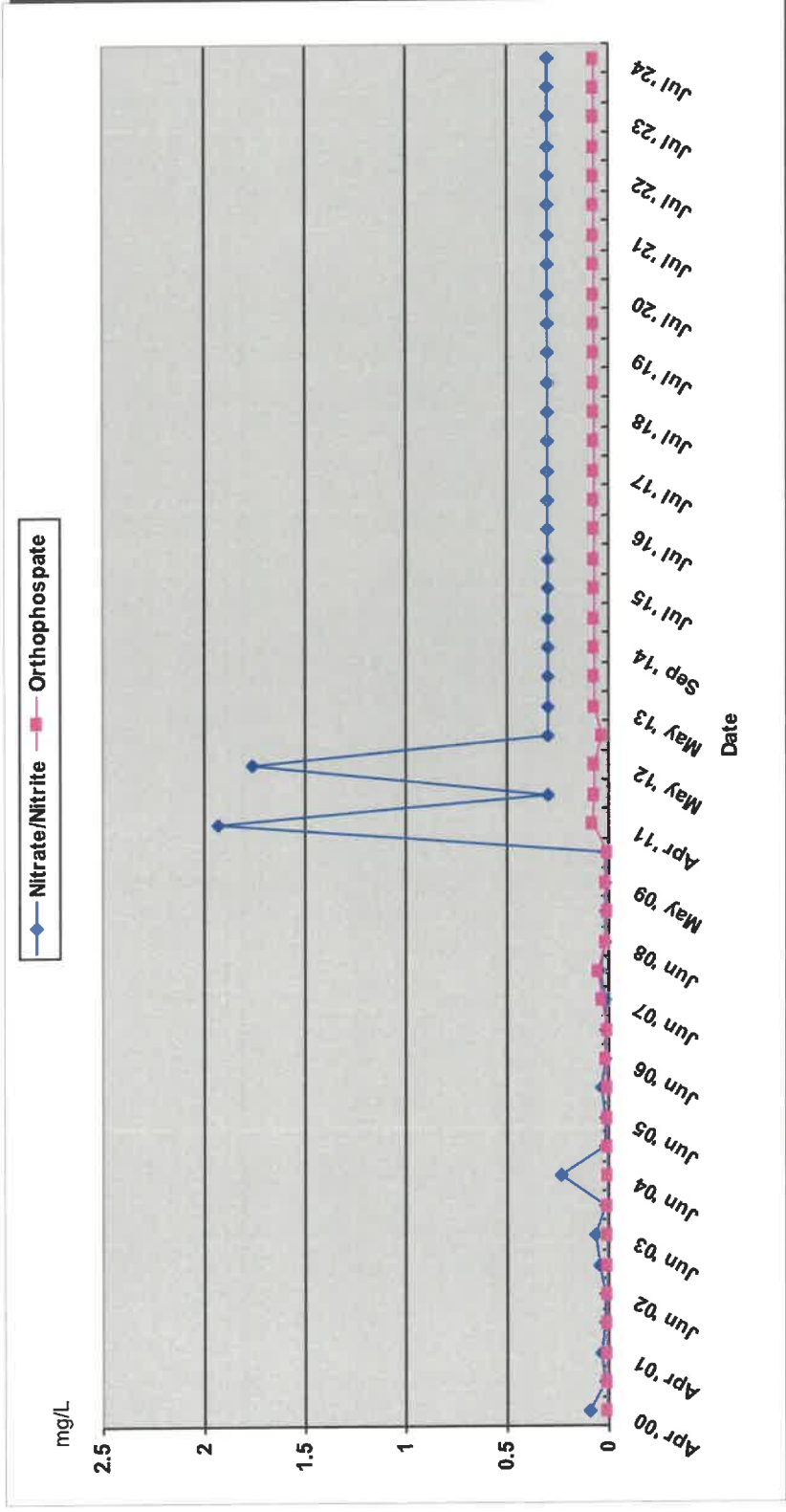
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: H-1



# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: H-1



# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: H-1

| Date       | Time  | Flow | Field pH | Field Cond | Temp | HCO3   | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca    | Cu | Pb | Mg  | Mn | Hg | Mo | Se    | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|------|--------|------|------|-------|---------|-------|-----|-----|------|------|----|----|----|-------|----|----|-----|----|----|----|-------|------|----|-----|--------|-------|--------|
| 10/29/2024 | 13:30 | 11.1 | 8        | 2000       | 7.2  |        |      |      |       |         |       |     |     |      | 10.9 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 8/11/2024  | 14:40 | 5.4  | 8        | 954        | 12   |        |      |      |       |         |       |     |     |      | 13.7 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 8/19/2024  | 15:15 | 11.7 | 7.4      | 455        | 18.3 |        |      |      |       |         |       |     |     |      | 8    |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 7/22/2024  | 13:45 | 3.3  | 7.7      | 824        | 21.3 | 137.6  | 7.98 | 244  | 32.49 | 0.3     | 4.53  | 42  | 246 | 0.08 | 8.5  |    |    |    | 19.8  |    |    | 4.8 |    |    |    |       | 24.7 |    |     |        | 0.125 | 0.028  |
| 6/10/2024  | 13:15 | 9.4  | 8.2      | 410        | 17.2 | 99.2   | 8.06 | 177  | 15    | 0.3     | 17.28 | 8   | 502 | 0.08 | 8    |    |    |    | 19.4  |    |    | 4.3 |    |    |    |       | 21.9 |    |     |        | 0.103 | 0.027  |
| 5/31/2024  | 22:00 | 1.3  | 7.8      | 248        | 10.5 |        |      |      |       |         |       |     |     |      | 11.9 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 4/26/2024  | 11:35 | 103  | 7.2      | 190        | 4.3  |        |      |      |       |         |       |     |     |      | 12.8 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 3/27/2024  | 12:45 | 4.7  | 8.5      | 598        | 2.6  |        |      |      |       |         |       |     |     |      | 12.2 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 10/23/2023 | 13:45 | 2.8  | 7.7      | 548        | 3    |        |      |      |       |         |       |     |     |      | 11.7 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 9/27/2023  | 11:45 | 5    | 7.7      | 503        | 10.9 |        |      |      |       |         |       |     |     |      | 11.8 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 8/24/2023  | 11:30 | 4.3  | 9.5      | 560        | 18   |        |      |      |       |         |       |     |     |      | 9.5  |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 7/17/2023  | 12:30 | 7.3  | 9.5      | 757        | 17.3 | 163.2  | 8.01 | 357  | 322.4 | 0.3     | 30.05 | 10  | 248 | 0.08 | 8.2  |    |    |    | 22.4  |    |    | 6.7 |    |    |    | 28.5  |      |    |     |        | 0.126 | 0.055  |
| 6/22/2023  | 15:00 | 115  | 8.7      | 168        | 11.2 |        |      |      |       |         |       |     |     |      | 7.7  |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 5/22/2023  | 15:30 | 349  | 8.9      | 255        | 8.6  | 56.49  | 7.68 | 111  | 15    | 0.3     | 13.99 | 74  | 86  | 0.08 | 8.9  |    |    |    | 18.8  |    |    | 4.6 |    |    |    | 21.3  |      |    |     |        | 0.089 | 0.023  |
| 4/21/2023  | 13:40 | 77.5 | 7.3      | 252        | 1.8  |        |      |      |       |         |       |     |     |      | 11   |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 10/12/2022 | 12:35 | 4.2  | 7.9      | 246        | 8.3  |        |      |      |       |         |       |     |     |      | 11.8 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 9/8/2022   | 14:00 | 1.5  | 8.5      | 339        | 19.5 |        |      |      |       |         |       |     |     |      | 9.1  |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 8/12/2022  | 11:30 | 5    | 8.3      | 244        | 17.2 |        |      |      |       |         |       |     |     |      | 9    |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 7/18/2022  | 13:45 | 3.5  | 8.4      | 251        | 22.5 | 106.67 | 8.06 | 234  | 28.68 | 0.3     | 27.58 | 46  | 330 | 0.08 | 10   |    |    |    | 16.55 |    |    | 6.9 |    |    |    | 37.15 |      |    |     |        | 0.189 | 0.025  |
| 6/7/2022   | 12:15 | 83   | 8.1      | 88         | 10.1 |        |      |      |       |         |       |     |     |      | 11.2 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 5/9/2022   | 13:40 | 281  | 7.3      | 85         | 6.7  | 35.67  | 8.00 | 86   | 7.5   | 0.3     | 33.17 | 64  | 80  | 0.08 | 10.3 |    |    |    | 18.2  |    |    | 3.9 |    |    |    | 20.9  |      |    |     |        | 0.088 | 0.022  |
| 4/26/2022  | 11:15 | 128  | 8.2      | 112        | 3    |        |      |      |       |         |       |     |     |      | 14.5 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 10/21/2021 | 13:15 | 4    | 8.4      | 189        | 5.6  |        |      |      |       |         |       |     |     |      | 13.3 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 9/20/2021  | 14:15 | 1    | 8.2      | 286        | 15.7 |        |      |      |       |         |       |     |     |      | 10.2 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 8/12/2021  | 14:25 | 0.5  | 8.4      | 254        | 21.2 |        |      |      |       |         |       |     |     |      | 8.8  |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 7/26/2021  | 14:45 | 6.9  | 8.1      | 184        | 23.8 | 96.08  | 8.33 | 282  | 32.48 | 0.3     | 12.35 | 86  | 150 | 0.08 | 7.9  |    |    |    | 16.79 |    |    | 7.2 |    |    |    | 36.78 |      |    |     |        | 0.249 | 0.019  |
| 6/11/2021  | 12:00 | 0.6  | 8.3      | 360        | 17   |        |      |      |       |         |       |     |     |      | 8.7  |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 5/18/2021  | 10:40 | 24   | 7.5      | 180        | 7.7  | 35.67  | 7.87 | 188  | 24.99 | 0.3     | 33.7  | 12  | 139 | 0.08 | 8.2  |    |    |    | 19.3  |    |    | 4.9 |    |    |    | 23.44 |      |    |     |        | 0.135 | 0.022  |
| 4/12/2021  | 12:45 | 25   | 7.5      | 180        | 3    |        |      |      |       |         |       |     |     |      | 13.6 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 10/6/2020  | 13:30 | 0.5  | 7.8      | 280        | 10.8 |        |      |      |       |         |       |     |     |      | 11   |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 8/15/2020  | 12:15 | 0.8  | 8.2      | 370        | 15   |        |      |      |       |         |       |     |     |      | 10.3 |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 8/12/2020  | 14:15 | 0.3  | 8.7      | 470        | 22   |        |      |      |       |         |       |     |     |      | 8.1  |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 7/13/2020  | 14:45 | 1.3  | 8.3      | 370        | 23   | 52.07  | 7.39 | 246  | 58.63 | 0.3     | 18.52 | 34  | 222 | 0.08 | 7.6  |    |    |    | 23.2  |    |    | 5.3 |    |    |    | 27.6  |      |    |     |        | 0.266 | 0.034  |
| 6/2/2020   | 10:10 | 4.6  | 8.2      | 340        | 14.4 |        |      |      |       |         |       |     |     |      | 9.9  |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |
| 5/16/2020  | 14:00 | 30   | 8.3      | 190        | 13.2 | 31.76  | 7.63 | 137  | 23.04 | 0.3     | 43.81 | 30  | 116 | 0.08 | 7.1  |    |    |    | 18.8  |    |    | 4.8 |    |    |    | 21.4  |      |    |     |        | 0.195 | 0.028  |
| 4/27/2020  | 12:30 | 44   | 8        | 180        | 6.2  |        |      |      |       |         |       |     |     |      | 12   |    |    |    |       |    |    |     |    |    |    |       |      |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: H-1

| Date       | Time  | Flow | Field pH | Field Cond | Temp | HCO3  | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca   | Cu | Pb | Mg   | Mn | Hg | Mo | Se | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|------|-------|------|------|-------|---------|-------|-----|-----|------|------|----|----|----|------|----|----|------|----|----|----|----|------|----|-----|--------|-------|--------|
| 10/17/2019 | 12:30 | 3.5  | 8.2      | 320        | 6.1  |       |      |      |       |         |       |     |     |      | 12.5 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/18/2019  | 14:15 | 2.9  | 8.5      | 300        | 15.6 |       |      |      |       |         |       |     |     |      | 10   |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/20/2018  | 11:15 | 2.5  | 8.3      | 420        | 17.2 |       |      |      |       |         |       |     |     |      | 9.7  |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/10/2019  | 13:30 | 13.3 | 8.1      | 290        | 15.2 | 55.86 | 8.33 | 194  | 31.8  | 0.3     | 31.52 | 32  | 242 | 0.08 | 8.4  |    |    |    | 26.1 |    |    | 5.6  |    |    |    |    | 22.3 |    |     |        | 0.109 | 0.024  |
| 6/7/2019   | 12:50 | 160  | 8.2      | 120        | 10.9 |       |      |      |       |         |       |     |     |      | 10.9 |    |    |    | 28.4 |    |    | 6.9  |    |    |    |    | 26.1 |    |     |        | 0.136 | 0.029  |
| 5/13/2019  | 13:50 | 387  | 8        | 20         | 9.7  | 51.72 | 7.67 | 115  | 30.83 | 0.3     | 24.28 | 80  | 256 | 0.08 | 8.9  |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 4/12/2019  | 13:30 | 67   | 7.7      | 270        | 1.6  |       |      |      |       |         |       |     |     |      | 13.9 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/17/2018 | 12:15 | 2.7  | 8.2      | 360        | 6    |       |      |      |       |         |       |     |     |      | 12.5 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/14/2018  | 13:22 | 0.05 | 8.3      | 460        | 18   |       |      |      |       |         |       |     |     |      | 8.5  |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/27/2018  | 8:15  | 0.45 | 7.6      | 470        | 12.2 |       |      |      |       |         |       |     |     |      | 10.7 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/11/2018  | 13:10 | 0.2  | 8.3      | 450        | 23.9 | 38.91 | 7.46 | 132  | 18.53 | 0.3     | 27.16 | 22  | 103 | 0.08 | 11.2 |    |    |    | 23.7 |    |    | 7.1  |    |    |    |    | 26.5 |    |     |        | 0.28  | 0.049  |
| 6/22/2018  | 10:50 | 2.8  | 9        | 340        | 16.8 |       |      |      |       |         |       |     |     |      | 9.7  |    |    |    | 20.1 |    |    | 5.3  |    |    |    |    | 24.6 |    |     |        | 0.186 | 0.029  |
| 5/14/2018  | 23:30 | 88   | 8.7      | 130        | 7.3  | 34.18 | 6.77 | 107  | 30.43 | 0.3     | 18.93 | 42  | 92  | 0.08 | 11.4 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 4/24/2018  | 14:10 | 68.8 | 8.6      | 240        | 8.4  |       |      |      |       |         |       |     |     |      | 11.7 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/18/2017 | 10:45 | 3    | 8.2      | 380        | 5.7  |       |      |      |       |         |       |     |     |      | 12.9 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/11/2017  | 12:15 | 1.8  | 8.4      | 450        | 18.4 |       |      |      |       |         |       |     |     |      | 9.2  |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/8/2017   | 8:15  | 5.7  | 8.4      | 470        | 16   |       |      |      |       |         |       |     |     |      | 12.5 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/18/2017  | 12:45 | 2.8  | 9.2      | 430        | 21.4 | 25.81 | 7.61 | 130  | 39.76 | 0.3     | 32.76 | 16  | 132 | 0.08 | 14.3 |    |    |    | 20.1 |    |    | 5.4  |    |    |    |    | 25.1 |    |     |        | 0.024 | 0.022  |
| 6/6/2017   | 10:45 | 175  | 8.7      | 120        | 7.4  |       |      |      |       |         |       |     |     |      | 12   |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 5/17/2017  | 9:30  | 98   | 9.1      | 150        | 4.2  | 32    | 7.56 | 128  | 27.59 | 0.3     | 51.13 | 106 | 54  | 0.08 | 11.7 |    |    |    | 18.7 |    |    | 5.2  |    |    |    |    | 24.2 |    |     |        | 0.21  | 0.034  |
| 4/28/2017  | 10:30 | 46.7 | 9.1      | 230        | 2.9  |       |      |      |       |         |       |     |     |      | 13.6 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/28/2016 | 11:00 | 3.34 | 8.6      | 410        | 8.5  |       |      |      |       |         |       |     |     |      | 11.8 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 9/22/2016  | 8:15  | 1.7  | 8.7      | 440        | 14   |       |      |      |       |         |       |     |     |      | 12.6 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/25/2016  | 11:50 | 1.7  | 9        | 110        | 15.5 |       |      |      |       |         |       |     |     |      | 10   |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/25/2016  | 11:30 | 4.3  | 9        | 180        | 18.9 | 87.07 | 8.66 | 325  | 14.31 | 0.3     | 14.41 | 18  | 224 | 0.08 | 9.7  |    |    |    | 39.2 |    |    | 17.5 |    |    |    |    | 31.7 |    |     |        | 0.623 | 0.089  |
| 6/9/2016   | 11:45 | 75   | 8.6      | 60         | 10.9 |       |      |      |       |         |       |     |     |      | 8.8  |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 5/23/2016  | 12:45 | 80   | 7.9      | 140        | 7.5  | 91.5  | 7.75 | 161  | 2.03  | 0.3     | 9.41  | 60  | 146 | 0.08 | 10.1 |    |    |    | 15   |    |    | 5.6  |    |    |    |    | 20.8 |    |     |        | 0.67  | 0.28   |
| 4/29/2016  | 12:45 | 60   | 7.9      | 140        | 7.5  |       |      |      |       |         |       |     |     |      | 15.9 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/21/2015 | 10:00 |      | 8.4      | 230        | 8.3  |       |      |      |       |         |       |     |     |      | 11.9 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 9/18/2015  | 12:20 |      | 8.9      | 230        | 15.6 |       |      |      |       |         |       |     |     |      | 14.3 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/4/2015   | 13:10 |      | 8.8      | 330        | 19.3 |       |      |      |       |         |       |     |     |      | 12.1 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/21/2015  | 13:50 |      | 8.7      | 350        | 18.6 | 81.03 | 7.83 | 241  | 11.54 | 0.3     | 14.76 | 14  | 226 | 0.08 | 9.8  |    |    |    | 41.2 |    |    | 17.8 |    |    |    |    | 32.5 |    |     |        | 0.77  | 0.16   |
| 6/17/2015  | 13:00 |      | 8.4      | 130        | 14.7 |       |      |      |       |         |       |     |     |      | 8.9  |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 5/4/2015   | 14:15 |      | 9.3      | 170        | 11.8 |       |      |      |       |         |       |     |     |      | 12.7 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 4/14/2015  | 10:45 |      | 8.5      | 150        | 9.5  | 78.3  | 6.93 | 147  | 2.03  | 0.3     | 7.41  | 19  | 102 | 0.08 | 9.6  |    |    |    | 15   |    |    | 5.6  |    |    |    |    | 20.8 |    |     |        | 0.67  | 0.28   |
| 10/31/2014 | 11:30 |      | 8.8      | 131        | 5.8  |       |      |      |       |         |       |     |     |      | 12.5 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: H-1

| Date       | Time  | Flow | pH | Field | Cond | Tem    | HCO3 | pH    | Cond   | Cl   | NO3/NO2 | SO4 | TSS | TDS   | PO4  | DO | Al | As | Cd    | Ca | Cu | Pb | Mg   | Mn | Hg | Mo    | Se   | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |      |
|------------|-------|------|----|-------|------|--------|------|-------|--------|------|---------|-----|-----|-------|------|----|----|----|-------|----|----|----|------|----|----|-------|------|----|----|-----|--------|-------|--------|------|
| 8/10/2014  | 8:50  | 8.1  |    | 150   | 12   | 75.44  | 7.23 | 225   | 10.9   | 0.3  | 15.23   | 17  | 214 | 0.08  | 9.9  |    |    |    | 43.4  |    |    |    | 18.2 |    |    |       | 32.2 |    |    |     | 0      | 0     | 0.81   | 0.18 |
| 8/25/2014  | 14:15 | 8.9  |    | 150   | 17.3 |        |      |       |        |      |         |     |     |       | 13.8 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 7/8/2014   | 10:20 | 9.6  |    | 180   | 17   |        |      |       |        |      |         |     |     |       | 13.5 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 6/11/2014  | 14:00 | 8.8  |    | 140   | 12.5 |        |      |       |        |      |         |     |     |       | 16.1 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 5/19/2014  | 14:00 | 8.8  |    | 70    | 11.9 |        |      |       |        |      |         |     |     |       | 14.8 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 4/8/2014   | 11:20 | 8.8  |    | 120   | 5.1  | 88.9   | 6.78 | 184   | 2.55   | 0.3  | 9.08    | 39  | 104 | 0.08  | 9.7  |    |    |    | 31.4  |    |    |    | 22.8 |    |    | 16.81 |      |    |    |     | 0      | 1.08  | 0.08   |      |
| 10/18/2013 | 14:00 | 8.5  |    | 120   | 5.3  |        |      |       |        |      |         |     |     |       | 9.5  |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 9/8/2013   | 10:45 | 8.8  |    | 210   | 18   |        |      |       |        |      |         |     |     |       | 12   |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 8/16/2013  | 11:45 | 8.5  |    | 170   | 19.1 | 13     |      |       |        |      |         |     |     |       | 13   |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 7/19/2013  | 14:00 | 8.2  |    | 170   | 24.7 |        |      |       |        |      |         |     |     |       | 13.3 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 6/5/2013   | 14:45 | 8.7  |    | 170   | 19.5 |        |      |       |        |      |         |     |     |       | 8.9  |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 5/6/2013   | 10:45 | 8.5  |    | 70    | 9.3  | 122.83 | 7.24 | 265   | 8.78   | 0.3  | 15.64   | 35  | 275 | 0.08  | 9.7  |    |    |    | 15    |    |    |    | 7.4  |    |    | 34    |      |    |    |     | 0      | 0.49  | 0.2    |      |
| 4/22/2013  | 14:00 | 8.6  |    | 120   | 10.3 |        |      |       |        |      |         |     |     |       | 10.1 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 10/10/2012 | 13:00 | 8.1  |    | 200   | 13.5 |        |      |       |        |      |         |     |     |       | 12.3 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 9/6/2012   | 13:00 | 8.5  |    | 210   | 16.5 |        |      |       |        |      |         |     |     |       | 11.6 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 8/2/2012   | 11:45 | 9.4  |    | 280   | 23   | 118.2  | 8.47 | 215   | 128.52 | 0.3  | 11.42   | 38  | 165 | 0.038 | 9    |    |    |    | 38.8  |    |    |    | 11.0 |    |    | 50.8  |      |    |    |     | 0      | 1.53  | 0.05   |      |
| 7/30/2012  | 13:00 | 9.8  |    | 270   | 26.3 |        |      |       |        |      |         |     |     |       | 7.1  |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 6/13/2012  | 11:00 | 9    |    | 150   | 21   |        |      |       |        |      |         |     |     |       | 13   |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 6/8/2012   | 11:00 | 9.1  |    | 300   | 16.8 |        |      |       |        |      |         |     |     |       | 11.9 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 5/9/2012   | 13:00 | 8.5  |    | 130   | 13.2 | 70.92  | 7.82 | 216   | 84.37  | 1.76 | 20.17   | 2   | 174 | 0.08  | 8.3  |    |    |    | 14.34 |    |    |    | 6.0  |    |    | 9.15  |      |    |    |     | 0      | 0.31  | 0.02   |      |
| 4/23/2012  | 14:00 | 8.3  |    | 70    | 11.1 |        |      |       |        |      |         |     |     |       | 15.1 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 10/7/2011  | 13:30 | 8.3  |    | 150   | 10.1 |        |      |       |        |      |         |     |     |       | 13.1 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 9/8/2011   | 13:00 | 8.8  |    | 200   | 18.7 |        |      |       |        |      |         |     |     |       | 10.8 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 8/15/2011  | 12:35 | 8.6  |    | 250   | 22.5 | 17.41  | 8.18 | 253   | 4.96   | 0.3  | 17.26   | 45  | 243 | 0.08  | 9.6  |    |    |    | 36.8  |    |    |    | 8.9  |    |    | 32.8  |      |    |    |     | 0      | 0.73  | 0.17   |      |
| 7/26/2011  | 14:00 | 8.6  |    | 330   | 18.3 |        |      |       |        |      |         |     |     |       | 10.7 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 6/14/2011  | 13:45 | 8.3  |    | 70    | 12.9 |        |      |       |        |      |         |     |     |       | 15   |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 5/23/2011  | 13:30 | 8.9  |    | 110   | 8    |        |      |       |        |      |         |     |     |       | 12.3 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 4/19/2011  | 11:30 | 9.2  |    | 90    | 2.8  | 58.4   | 7.36 | 119   | 29.8   | 1.93 | 61.74   | 140 | 166 | 0.081 | 8.2  |    |    |    | 7.18  |    |    |    | 5.3  |    |    | 6.59  |      |    |    |     | 0      | 4.15  | 0.25   |      |
| 10/27/2010 | 2:30  | 8.9  |    | 140   | 3.7  |        |      |       |        |      |         |     |     |       | 14   |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 9/27/2010  | 2:30  | 8.3  |    | 280   | 17.5 |        |      |       |        |      |         |     |     |       | 11.1 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 8/5/2010   | 2:40  | 9.3  |    | 220   | 23   |        |      |       |        |      |         |     |     |       | 13.5 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 7/15/2010  | 1:20  | 8.9  |    | 290   | 18   |        |      |       |        |      |         |     |     |       | 9.5  |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 6/4/2010   | 3:45  | 9.1  |    | 100   | 15.8 |        |      |       |        |      |         |     |     |       | 11.5 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 5/18/2010  | 11:30 | 8.9  |    | 90    | 8.8  | 52.7   | 7.62 | 122.8 | 32.7   | 2.09 | 20.17   | 25  | 119 | 0     | 6.2  |    |    |    | 12.8  |    |    |    | 3.2  |    |    | 4.3   |      |    |    |     | 0      | 0.21  | 0.17   |      |
| 4/22/2010  | 2:35  | 9    |    | 80    | 8.8  |        |      |       |        |      |         |     |     |       | 9.2  |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |
| 10/12/2009 | 1:30  | 8.5  |    | 160   | 8.4  |        |      |       |        |      |         |     |     |       | 13.9 |    |    |    |       |    |    |    |      |    |    |       |      |    |    |     | 0      | 0     |        |      |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: H-1

| Date       | Time  | Flow | pH  | Field | Cond | Tem  | HCO3 | pH | Cond | Cl | NO3/NO2 | SO4 | TSS  | TDS  | PO4  | DO   | Al   | As   | Cd   | Ca   | Cu   | Pb   | Mg   | Mn   | Hg   | Mo   | Se   | Na   | Zn   | Oil  | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|-----|-------|------|------|------|----|------|----|---------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|--------|
| 9/25/2009  | 12:30 | 7.8  | 270 | 17.3  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 8/5/2009   | 10:00 | 8.4  | 280 | 16    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 7/17/2009  | 2:00  | 7.4  | 300 | 25    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 6/22/2009  | 10:15 | 7.6  | 140 | 18    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 5/6/2009   | 10:30 | 8    | 90  | 7.3   | 67   | 7.78 | 100  | 1  | 0.02 | 5  | 22      | 97  | 0.02 | 13.8 | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15   | 15     | 15    | 15     |
| 4/29/2009  | 11:15 | 8.2  | 90  | 8.3   | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 10/15/2008 | 13:00 | 7.8  | 220 | 8     | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 8/11/2008  | 13:25 | 7.8  | 280 | 17.2  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 8/5/2008   | 13:00 | 8.5  | 320 | 24.9  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 7/29/2008  | 14:00 | 10.1 | 230 | 21    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 6/18/2008  | 11:00 | 8.6  | 70  | 8     | 53   | 7.81 | 96   | 1  | 0.02 | 5  | 20      | 86  | 0.02 | 8.7  | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12   | 12     | 12    | 12     |
| 5/23/2008  | 12:00 | 8.4  | 80  | 9     | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 4/18/2008  | 14:30 | 8.4  | 110 | 14    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 10/24/2007 | 2:40  | 8.22 | 135 | 7.8   | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 9/11/2007  | 14:15 | 8.5  | 210 | 20.5  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 8/7/2007   | 1:50  | 8.33 | 170 | 21.3  | 110  | 8.04 | 180  | 1  | 0.05 | 6  | 17      | 140 | 0.06 | 14.3 | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22   | 22     | 22    | 22     |
| 7/17/2007  | 15:00 | 8.6  | 250 | 25.7  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 6/15/2007  | 2:30  | 8.45 | 480 | 21.2  | 150  | 8.29 | 270  | 1  | 0.02 | 14 | 5       | 160 | 0.04 | 7.8  | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28   | 28     | 28    | 28     |
| 5/23/2007  | 11:00 | 7.95 | 131 | 8.4   | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 4/26/2007  | 15:30 | 8.18 | 140 | 9.9   | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 10/27/2006 | 13:00 | 8.28 | 130 | 3     | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 9/27/2006  | 12:00 | 8.24 | 180 | 11.4  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 8/10/2006  | 13:00 | 9.38 | 230 | 23    | 130  | 8.16 | 240  | 1  | 0.02 | 9  | 8       | 170 | 0.01 | 16.8 | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21   | 21     | 21    | 21     |
| 7/21/2006  | 12:15 | 8.55 | 240 | 24.3  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 6/13/2006  | 10:30 | 8.6  | 260 | 16    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 5/28/2006  | 10:45 | 7.91 | 80  | 11.9  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 4/17/2006  | 14:30 | 7.7  | 100 | 13.9  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 10/17/2005 | 11:40 | 8.62 | 180 | 13.8  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 9/22/2005  | 13:50 | 8.68 | 200 | 19.3  | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 8/30/2005  | 14:00 | 8.9  | 210 | 18    | 130  | 8.45 | 230  | 1  | 0.04 | 12 | 11      | 150 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 8/5/2005   | 11:30 | 8.88 | 290 | 20    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 7/25/2005  | 15:00 | 8.8  | 250 | 20    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 6/15/2005  | 13:00 | 8.4  | 80  | 14    | 58   | 7.87 | 100  | 1  | 0.02 | 5  | 15      | 84  | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 5/9/2005   | 14:30 | 8.11 | 120 | 11    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 4/18/2005  | 11:15 | 8.07 | 110 | 4     | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |
| 10/8/2004  | 15:30 | 8.38 | 130 | 10    | 180  | 8.01 | 270  | 1  | 0.02 | 15 | 30      | 190 | 0.01 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2   | 10.2  | 10.2   |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: H-1

| Date       | Time  | Flow  | Field pH | Field Cond | Term | HCO3 | pH   | Cond | CI | NO3/NO2 | SO4 | TSS | TDS | PO4   | DO   | Al     | As     | Cd     | Ca   | Cu     | Pb    | Mg   | Mn    | Hg      | Mo   | Se     | Na   | Zn     | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|-------|----------|------------|------|------|------|------|----|---------|-----|-----|-----|-------|------|--------|--------|--------|------|--------|-------|------|-------|---------|------|--------|------|--------|-----|--------|-------|--------|
| 9/27/2004  | 12:15 | 8.4   | 120      | 11         |      |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 8/23/2004  | 11:40 | 8.45  | 180      | 15         |      | 120  | 8.14 | 180  | 1  | 0.02    | 5   | 11  | 130 | 0.01  |      |        |        |        | 24   |        |       | 5.9  |       |         |      |        | 11   |        |     |        | 1.3   |        |
| 7/23/2004  | 10:30 | 8.39  | 200      | 19         |      |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 6/22/2004  | 14:30 | 8.67  | 80       | 10         |      | 150  | 8.34 | 250  | 1  | 0.24    | 11  | 5   | 180 | 0.01  |      |        |        |        | 28   |        |       | 7.5  |       |         |      |        | 18   |        |     |        | 0.37  |        |
| 5/20/2004  | 11:00 | 8.67  | 80       | 10         |      |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 4/14/2004  | 15:00 | 8.52  | 120      | 12         |      |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 10/13/2003 | 14:45 | 7.71  | 260      | 13         |      |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 9/17/2003  | 13:15 | 9.19  | 210      | 15         |      |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 8/26/2003  | 11:00 | 8.82  | 230      | 19         |      | 150  | 8.43 | 250  | 1  | 0.02    | 9   | 17  | 160 | 0.01  |      |        |        |        | 28   |        |       | 13.0 |       |         |      |        | 25   |        |     |        | 0.85  | 0.04   |
| 7/28/2003  | 13:30 | 8.88  | 220      | 24         |      |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 6/17/2003  | 11:45 | 8.87  | 200      | 17         |      | 130  | 8.47 | 220  | 1  | 0.07    | 11  | 5   | 150 | 0.01  |      |        |        |        | 24   |        |       | 6.3  |       |         |      |        | 12   |        |     |        | 0.28  | 0.08   |
| 8/21/2002  | 2:45  | 9.3   | 600      | 23         |      | 250  | 8.35 | 560  | 11 | 0.05    | 82  | 13  | 330 | 0.01  |      |        |        |        | 36   |        |       | 22.0 |       |         |      |        | 33   |        |     |        | 0.25  |        |
| 6/27/2002  | 11:30 | 8.4   | 300      | 18         |      | 270  | 8.15 | 610  | 7  | 0.02    | 90  | 5   | 390 | 0.01  |      |        |        |        | 50   |        |       | 33.0 |       |         |      |        | 39   |        |     |        | 0.03  |        |
| 10/31/2001 | 12:30 | 1.1   | 7.9      | 300        | 10   | 300  | 8.23 | 770  | 18 | 0.02    | 110 | 5   | 510 | 0.01  | 10.2 | 0.38   | 0.002  | 0.005  | 47.2 | 0.01   | 0.05  | 20.6 | 0.024 | 0.0002  | 0.05 | 0.002  | 87.6 | 0.087  | 0   |        | 0.48  |        |
| 8/20/2001  | 12:10 | 2.5   | 8.1      | 280        | 13   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 6/20/2001  | 13:15 | 4.3   | 300      | 12         |      |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 4/24/2001  | 12:15 | 15.25 | 180      | 6          |      | 131  | 7.95 | 232  | 2  | 0.04    | 11  | 15  | 151 | 0.01  | 10.6 | 0.25   | 0.004  | 0.005  | 24   | 0.005  | 0.05  | 5.8  | 0.028 | 0.0002  | 0.05 | 0.004  | 13.7 | 0.028  | 0   |        | 0.53  |        |
| 10/31/2000 | 13:40 | 3     | 7.8      | 350        | 10   | 180  | 7.90 | 369  | 5  | 0.02    | 35  | 5   | 230 | 0.01  | 10.3 | 0.15   | 0.006  | 0.005  | 32.7 | 0.005  | 0.05  | 10.9 | 0.012 | 0.0002  | 0.05 | 0.002  | 21.8 | 0.005  | 0   |        | 0.16  |        |
| 8/24/2000  | 15:02 | 1.8   | 7.3      | 250        | 14   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 6/16/2000  | 14:15 | 42    | 7.5      | 100        | 12   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 4/28/2000  | 13:40 | 198   | 7        | 100        | 10   | 55   | 7.17 | 115  | 1  | 0.09    | 8   | 30  | 99  | 0.01  | 8.3  | 1.24   | 0.002  | 0.005  | 13.6 | 0.008  | 0.05  | 3.8  | 0.043 | 0.0002  | 0.05 | 0.002  | 6.6  | 0.007  | 0   |        | 1.46  |        |
| 10/26/1999 | 12:01 | 2.5   | 8.5      | 200        | 6    | 148  | 8.06 | 251  | 1  | 0.02    | 8   | 5   | 155 | 0.02  | 10.8 | 0.65   | 0.009  | 0.005  | 29.6 | 0.005  | 0.05  | 7.3  | 0.048 | 0.0002  | 0.05 | 0.002  | 15.8 | 0.008  | 0   |        | 0.71  |        |
| 8/17/1999  | 16:15 | 2.5   | 8.9      | 210        | 16   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 6/29/1999  | 15:51 | 152   | 8.5      | 210        | 12   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 4/21/1999  | 14:15 | 182   | 8.8      | 180        | 4    | 87   | 7.57 | 151  | 3  | 0.09    | 3   | 88  | 129 | 0.02  | 10.7 | 3.13   | 0.002  | 0.005  | 17.3 | 0.005  | 0.05  | 4.6  | 0.093 | 0.0002  | 0.05 | 0.002  | 5.3  | 0.005  | 0   |        | 0.92  |        |
| 10/30/1998 | 8:35  | 22.4  | 8        | 210        | 14   | 131  | 7.85 | 232  | 2  | 0.04    | 11  | 15  | 151 | 0.01  | 10.6 | 0.25   | 0.004  | 0.005  | 24   | 0.005  | 0.05  | 5.8  | 0.028 | 0.0003  | 0.05 | 0.004  | 13.7 | 0.028  | 0   |        | 0.53  |        |
| 8/19/1998  |       | 13.8  | 8        | 160        | 18   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 6/28/1998  |       | 15.7  | 8        | 200        | 16   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 4/30/1998  |       | 124.8 | 8.5      | 150        | 3    | 87   | 7.57 | 151  | 3  | 0.06    | 3   | 88  | 129 | 0.02  | 10.7 | 3.13   | 0.0002 | 0.005  | 17.8 | 0.005  | 0.05  | 4.5  | 0.093 | 0.0002  | 0.05 | 0.002  | 5.3  | 0.007  | 0   |        | 3.34  |        |
| 10/24/1997 |       | 15    | 7.8      | 220        | 7    |      | 7.74 | 235  | 3  | -0.02   | 10  | 8   | 146 | 0.01  | 10   | -0.002 | -0.002 | -0.005 | 28.1 | -0.005 | -0.05 | 6.3  | 0.005 | -0.0002 |      | 0.004  | 14.6 |        |     | 0      | 0.02  |        |
| 8/19/1997  |       | 24.68 | 8.1      | 210        | 25   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 6/24/1997  |       | 16.26 | 8.5      | 380        | 14   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 4/15/1997  |       | 195   | 8.9      | 130        | 5    |      | 6.05 | 230  | 2  | 5.6     | 14  | 15  | 184 | 0.01  | 9.9  | 1.23   | -0.002 | -0.005 | 24.4 | -0.005 | -0.05 | 5.6  | 0.024 | -0.0002 |      | -0.002 | 8.9  |        |     | 0      | 0.95  |        |
| 10/22/1996 |       | 3.7   | 8.4      | 260        | 1    |      | 8.00 | 270  | 2  | 0.03    | 17  | 20  | 190 | -0.01 | 11.9 | 0.54   | -0.002 | -0.005 | 27.7 | -0.005 | -0.05 | 7.2  | 0.023 | -0.0002 |      | -0.002 | 16.9 | -0.005 | 0   |        | 0.88  |        |
| 8/6/1996   |       | 4.52  | 8.4      | 270        | 14   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |
| 6/5/1996   |       | 20.3  | 8.4      | 160        | 16   |      |      |      |    |         |     |     |     |       |      |        |        |        |      |        |       |      |       |         |      |        |      |        |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: H-1

| Date       | Time  | Flow   | Field pH | Field Cond | Tem  | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4   | DO   | Al   | As     | Cd     | Ca    | Cu     | Pb    | Mg    | Mn    | Hg      | Mo     | Se   | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|--------|----------|------------|------|------|------|------|----|---------|-----|-----|-----|-------|------|------|--------|--------|-------|--------|-------|-------|-------|---------|--------|------|-------|----|-----|--------|-------|--------|
| 4/25/1986  |       | 157    | 8.3      | 100        | 5    |      | 8.01 | 138  | 1  | 0.04    | 12  | 53  | 110 | 0.02  | 10.2 | 1.88 | 0.002  | 0.013  | 18.8  | -0.005 | -0.05 | 4.8   | 0.072 | -0.0002 | -0.002 | 5.4  | 0.009 | 0  | 0   | 2.27   |       |        |
| 10/10/1985 | 8:02  | 1580   | 8.9      | 280        | 5    | 140  | 8.44 | 310  | 3  | 0.05    |     | 8   | 190 | -0.01 | 9.2  | 0.17 | -0.002 | -0.005 | 30.7  | -0.005 | -0.05 | 8.0   | 0.026 | -0.0002 | -0.002 | 23.4 | 0     | 0  | 0   | 0.32   |       |        |
| 8/31/1985  | 11:36 | 1740   | 8.8      | 310        | 17   |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       |    |     |        |       |        |
| 6/6/1985   | 8:48  | 128000 | 8.9      | 70         | 6    |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       |    |     |        |       |        |
| 4/5/1985   | 8:30  | 89100  | 8.4      | 140        | 0    |      | 7.88 | 180  | 3  | 0.18    |     | 140 | 140 | 0.02  | 10.7 | 3    | 0.002  | -0.005 | 24.8  | 0.005  | -0.05 | 6.2   | 0.08  | -0.0002 | -0.002 | 6.2  | 0     | 0  | 0   | 3.67   |       |        |
| 10/10/1984 | 10:23 | 2980   | 8.3      | 210        | 5    |      | 8.33 | 220  | 4  | 0.05    |     | 10  | 140 | -0.01 | 10   | 0.2  | -0.002 | -0.002 | 25    | 0.029  | -0.05 | 5.9   | 0.02  | -0.0002 | 0.005  | 14   | 0     | 0  | 0   | 0.49   |       |        |
| 8/10/1984  | 12:01 | 4710   | 8.4      | 220        | 18   |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       |    |     |        |       |        |
| 6/8/1984   | 11:52 | 3400   | 8.4      | 220        | 15   |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       |    |     |        |       |        |
| 4/30/1984  | 10:12 |        | 8.3      | 170        | 15   | 90   | 8.10 | 215  |    |         |     | 8   | 86  |       |      |      |        |        | -0.01 | -0.02  |       | 0.01  |       |         |        |      | 0     | 0  | 0   | 0.99   |       |        |
| 11/10/1983 | 10:50 | 2      | 8.4      | 460        | 4    |      | 8.40 |      |    |         |     | 2   | 244 |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      | 0.37  |        |
| 8/30/1983  | 8:40  | 3      | 8.7      | 330        | 13   |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      |       |        |
| 6/30/1983  | 10:48 | 10     | 8.1      | 140        | 13   |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      |       |        |
| 10/23/1982 |       | 0.5    | 8.6      | 240        | 14   | 160  | 8.60 | 252  |    |         |     | 8   | 160 |       |      |      |        |        | -0.01 | -0.02  |       | 0.03  |       |         |        |      | 0     | 0  | 0   | 0.34   |       |        |
| 9/29/1982  |       | 2      | 8.5      | 270        | 20   | 148  | 8.70 | 248  |    |         |     | 6   | 126 |       |      |      |        |        | 0.01  | -0.02  |       | 0.02  |       |         |        |      | 0     | 0  | 0   | 0.29   |       |        |
| 6/16/1982  |       | 15     | 8        | 140        | 12   | 54   | 7.40 | 128  |    |         |     | 36  | 90  |       |      |      |        |        | 0.01  | -0.02  |       | 0.02  |       |         |        |      | 0     | 0  | 0   | 1.51   |       |        |
| 4/30/1982  |       | 72     | 8.2      | 92         | 16   | 52   | 7.60 | 107  |    |         |     | 50  | 100 |       |      |      |        |        | -0.01 | -0.02  |       | 0.05  |       |         |        |      | 0     | 0  | 0   | 1.9    |       |        |
| 11/12/1981 | 10:10 | 1.1    | 8.2      | 130        | 8    | 102  | 8.10 | 273  |    |         |     | 6   | 134 |       |      |      |        |        | -0.01 | -0.02  |       | 0.03  |       |         |        |      | 0     | 0  | 0   | 0.39   |       |        |
| 8/30/1981  | 10:20 | 2      | 8.4      | 210        | 20   | 124  | 8.10 | 280  |    |         |     | 32  | 168 |       |      |      |        |        | -0.01 | -0.02  |       | 0.07  |       |         |        |      | 0     | 0  | 0   | 1.8    |       |        |
| 6/26/1981  | 11:05 | 35.5   | 8.6      | 280        | 21   | 132  | 8.20 | 258  |    |         |     | 38  | 178 |       |      |      |        |        | -0.01 | -0.02  |       | 0.04  |       |         |        |      | 0     | 0  | 0   | 0.98   |       |        |
| 4/30/1981  |       | 77.4   | 8.2      | 91         | 9    | 76   | 7.80 | 171  |    |         |     | 2   | 98  |       |      |      |        |        | -0.01 | -0.02  |       | 0.01  |       |         |        |      | 0     | 0  | 0   | 0.4    |       |        |
| 10/1/1980  |       | 0.7    |          |            | 21   | 117  | 8.45 | 260  |    |         |     | 14  | 162 |       |      |      |        |        | -0.01 | -0.02  |       | 0.07  |       |         |        |      | 0     | 0  | 0   | 1.02   |       |        |
| 6/1/1980   |       | 0.3    |          |            | 21   | 140  | 8.45 | 280  |    |         |     | 6   | 158 |       |      |      |        |        | 0.03  | -0.02  |       | 0.01  |       |         |        |      | 0     | 0  | 0   | 0.54   |       |        |
| 7/1/1980   |       | 2      |          |            | 20   | 102  | 8.50 | 180  |    |         |     | 14  | 134 |       |      |      |        |        | -0.01 | -0.02  |       | 0.09  |       |         |        |      | 0     | 0  | 0   | 0.81   |       |        |
| 4/1/1980   |       | 84.8   |          |            | 17.5 | 56   | 8.15 | 90   |    |         |     | 8   | 88  |       |      |      |        |        | -0.01 | -0.02  |       | 0.02  |       |         |        |      | 0     | 0  | 0   | 0.28   |       |        |
| 10/1/1989  |       | 1.8    |          |            | 15   |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      |       |        |
| 10/1/1989  |       |        |          |            |      | 330  | 8.15 | 185  |    |         |     | 22  | 156 |       |      |      |        |        | -0.01 | -0.02  |       | -0.01 |       |         |        |      | 0     | 0  | 0   | 0.42   |       |        |
| 8/1/1989   |       | 2      |          |            | 16   |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      |       |        |
| 8/1/1989   |       |        |          |            |      | 140  | 8.05 | 250  |    |         |     | 22  | 186 |       |      |      |        |        | 0.01  | 0.02   |       | 0.01  |       |         |        |      | 0     | 0  | 0   | 0.64   |       |        |
| 6/1/1989   |       | 3.2    |          |            | 10.5 |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      |       |        |
| 6/1/1989   |       |        |          |            |      | 162  | 8.10 | 321  |    |         |     | 6   | 201 |       |      |      |        |        | 0.01  | 0.01   |       | 0.01  |       |         |        |      | 0     | 0  | 0   | 0.32   |       |        |
| 4/1/1989   |       |        |          |            |      | 49   | 8.30 | 125  |    |         |     | 14  | 114 |       |      |      |        |        | 0.01  | 0.01   |       | 0.04  |       |         |        |      | 0     | 0  | 0   | 1.91   |       |        |
| 4/1/1989   |       | 121    |          |            | 7    |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      |       |        |
| 10/1/1988  |       | 3      |          |            | 8.5  |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      |       |        |
| 10/1/1988  |       |        |          |            |      | 124  | 8.00 | 280  |    |         |     | 8   | 237 |       |      |      |        |        | 0.01  | 0.01   |       | 0.02  |       |         |        |      | 0     | 0  | 0   | 0.43   |       |        |
| 8/1/1988   |       | 1.5    |          |            | 17.5 |      |      |      |    |         |     |     |     |       |      |      |        |        |       |        |       |       |       |         |        |      |       | 0  | 0   | 0      |       |        |
| 8/1/1988   |       |        |          |            |      | 164  | 8.10 | 390  |    |         |     | 10  | 252 |       |      |      |        |        | 0.06  | 0.3    |       | 0.02  |       |         |        |      | 0     | 0  | 0   | 0.27   |       |        |

# MONITORING DATA FOR 2024 AHR

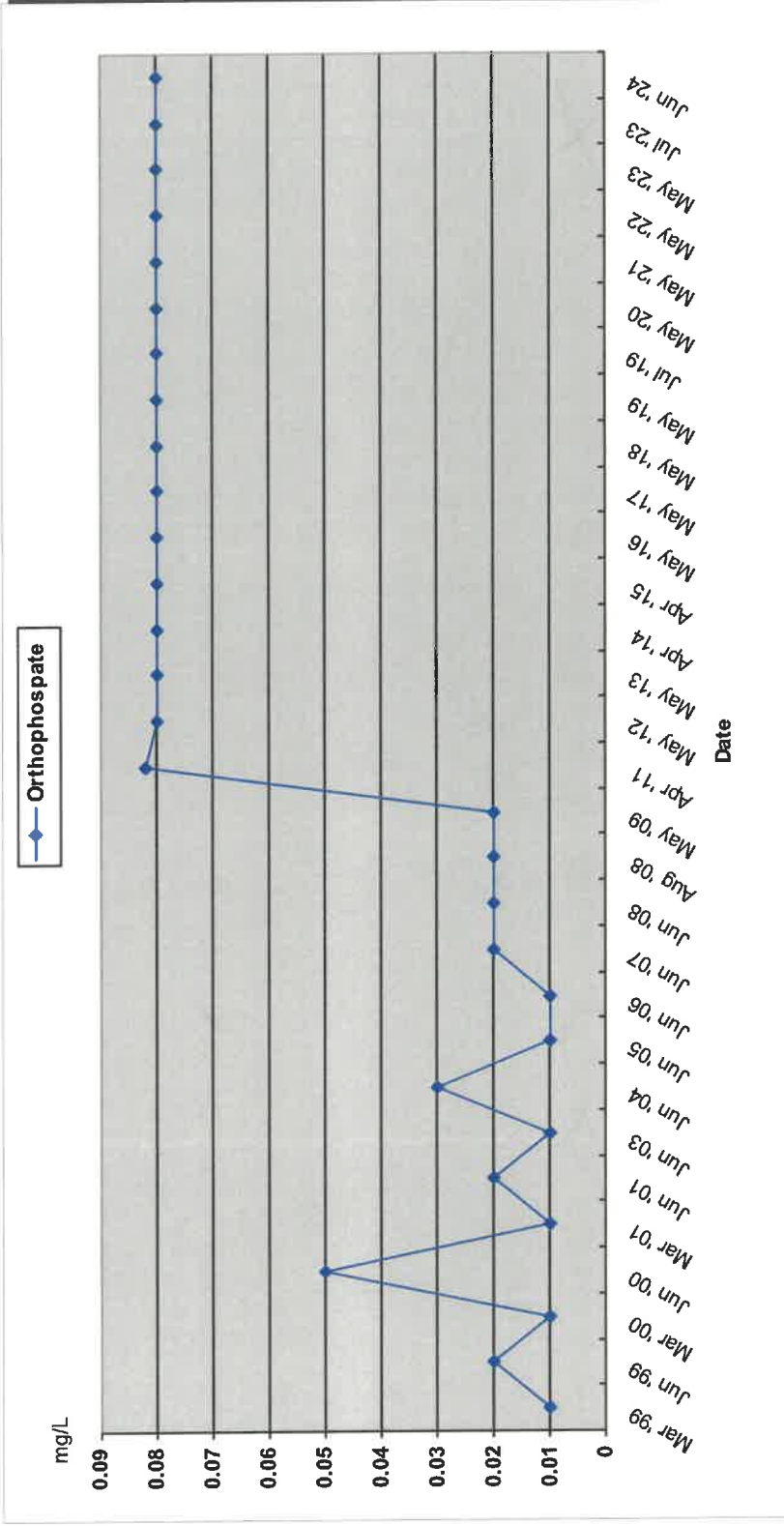
SURFACE WATER LOCATION: H-1

| Date      | Time | Flow | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO | Al | As | Cd | Ca   | Cu   | Pb   | Mg   | Mn   | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|-----------|------|------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|-----|----|----|----|----|------|------|------|------|------|----|----|----|----|----|-----|--------|-------|--------|
| 6/1/1988  |      |      |          |            |     | 137  | 8.30 | 310  |    |         |     | 4   | 216 |     |    |    |    |    |      | 0.01 | 0.01 |      | 0.04 |    |    |    |    |    |     |        | 0     | 0.89   |
| 6/1/1988  | 4.8  |      |          |            | 18  | 83   | 7.90 | 171  |    |         |     | 23  | 182 |     |    |    |    |    | 0.01 | 0.01 |      | 0.03 |      |    |    |    |    |    |     |        | 0     | 0.79   |
| 4/1/1988  | 92.6 |      |          |            | 4.5 |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |
| 4/1/1988  | 2.7  |      |          |            | 8   |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |
| 10/1/1987 |      |      |          |            |     | 164  | 7.40 | 359  |    |         |     | 9   | 210 |     |    |    |    |    | 0.01 | 0.01 |      | 0.02 |      |    |    |    |    |    |     |        | 0     | 0.41   |
| 8/1/1987  |      |      |          |            |     | 142  | 8.00 | 319  |    |         |     | 166 | 228 |     |    |    |    |    | 0.03 | 0.01 |      | 0.14 |      |    |    |    |    |    |     |        | 0     | 7.8    |
| 8/1/1987  | 6.7  |      |          |            | 11  |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |
| 6/1/1987  | 11.3 |      |          |            | 14  |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |
| 6/1/1987  |      |      |          |            |     | 151  | 8.70 | 348  |    |         |     | 342 | 263 |     |    |    |    |    | 0.01 | 0.01 |      | 0.34 |      |    |    |    |    |    |     |        | 0     | 9.2    |
| 5/1/1987  |      |      |          |            |     | 56   | 7.80 | 145  |    |         |     | 38  | 117 |     |    |    |    |    | 0.01 | 0.01 |      | 0.02 |      |    |    |    |    |    |     |        | 0     | 0.42   |
| 5/1/1987  | 192  |      |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |
| 12/1/1986 |      |      |          |            |     | 129  | 8.10 | 280  |    |         |     | 40  | 193 |     |    |    |    |    | 0.01 | 0.01 |      | 0    |      |    |    |    |    |    |     |        | 0     | 0.91   |
| 12/1/1986 | 37.9 |      |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |
| 8/1/1986  | 0    |      |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |
| 8/1/1986  |      |      |          |            |     | 68   | 7.30 | 179  |    |         |     | 236 | 114 |     |    |    |    |    | 0.01 | 0.02 |      | 0.01 |      |    |    |    |    |    |     |        | 0     | 11     |
| 8/1/1986  |      |      |          |            |     | 54   | 7.40 | 128  |    |         |     | 36  | 90  |     |    |    |    |    | 0.01 | 0.02 |      | 0.02 |      |    |    |    |    |    |     |        | 0     | 1.51   |
| 6/1/1986  | 37.7 |      |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |
| 3/1/1986  |      |      |          |            |     | 113  | 7.70 | 267  |    |         |     | 150 | 164 |     |    |    |    |    | 0.01 | 0.01 |      | 0.01 |      |    |    |    |    |    |     |        | 0     | 0.16   |
| 3/1/1986  | 114  |      |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |      |      |      |      |      |    |    |    |    |    |     |        |       |        |

**B-1 BEAR CREEK**

# MONITORING CHART FOR 2024 AHR

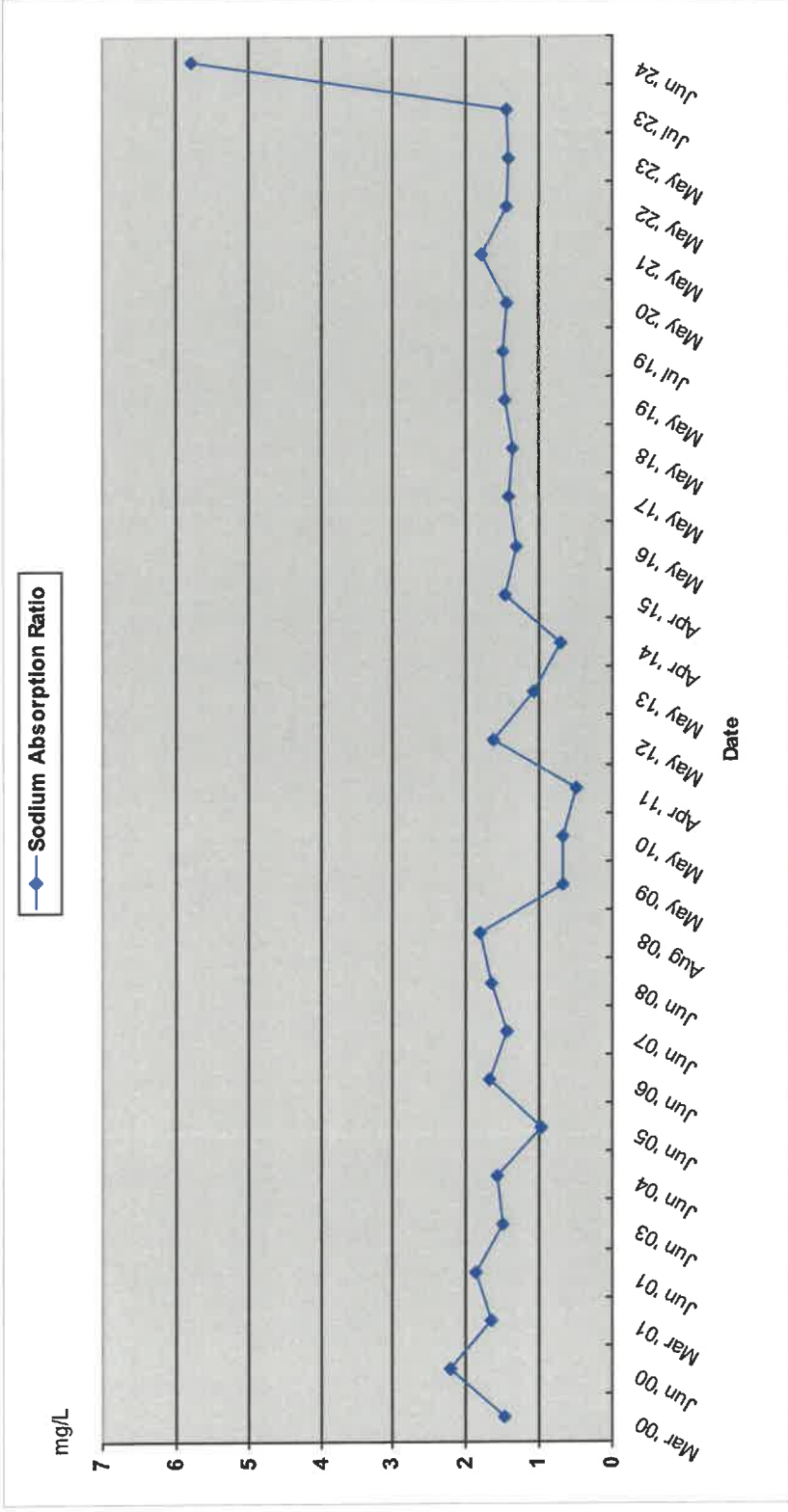
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

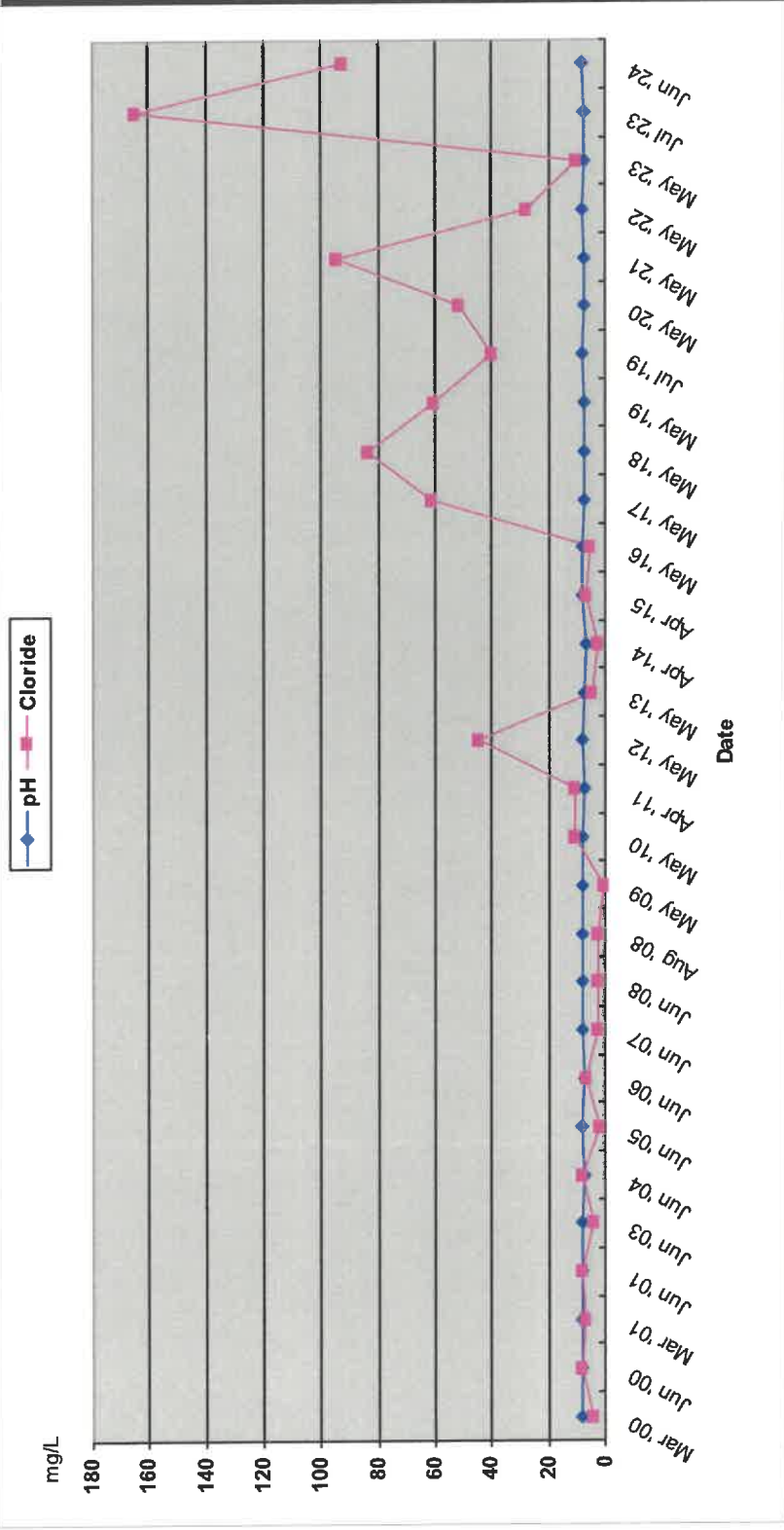
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

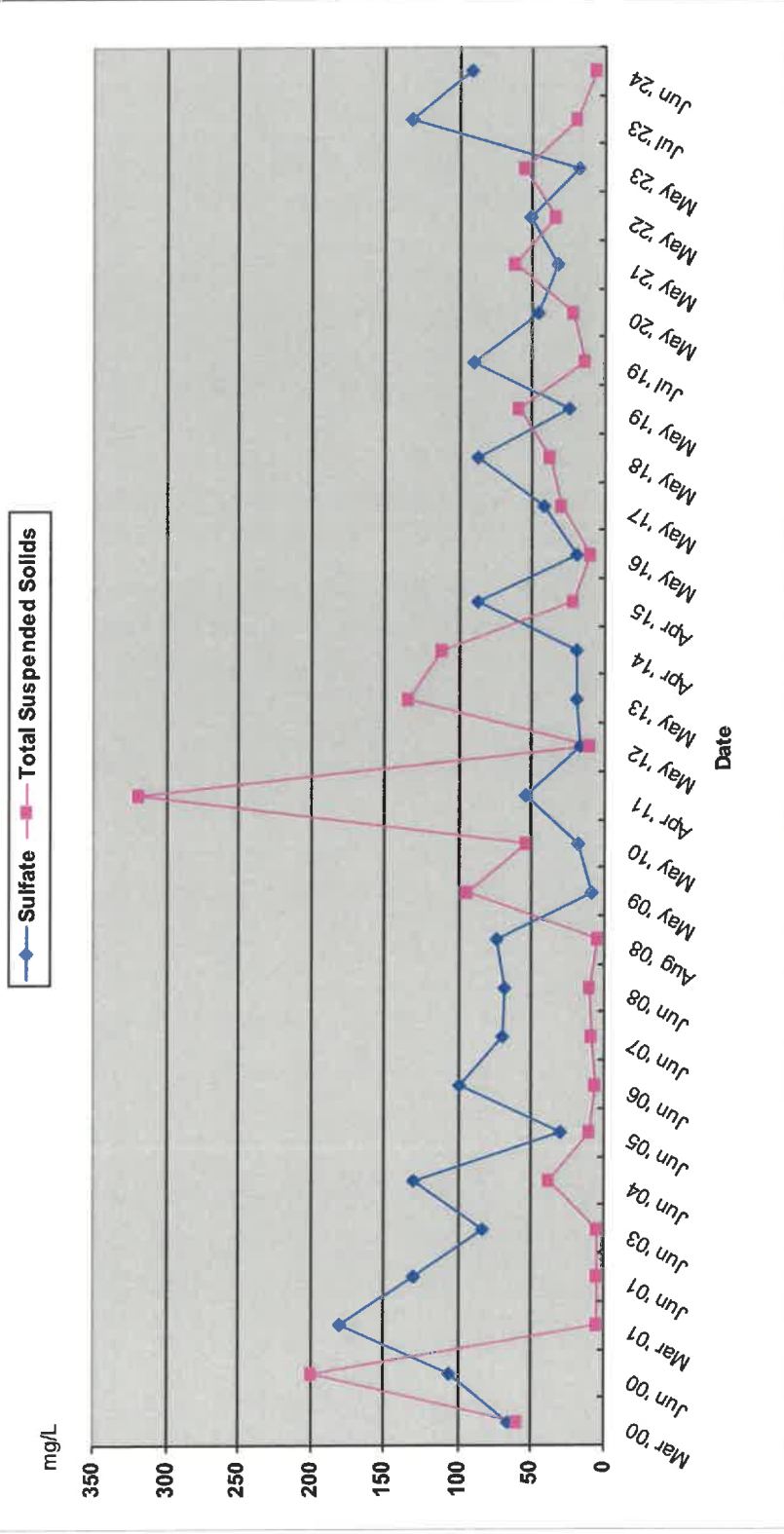
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

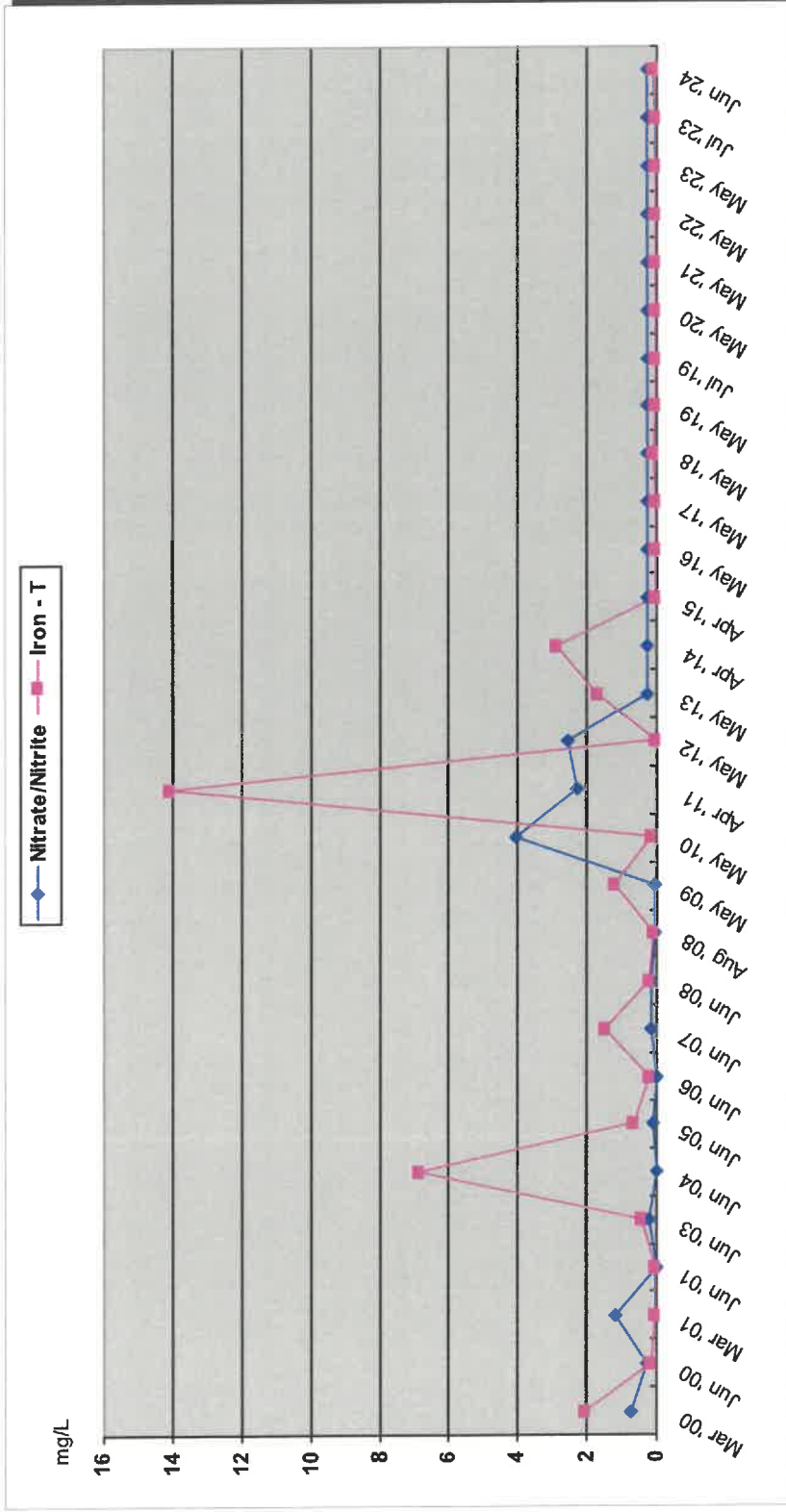
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

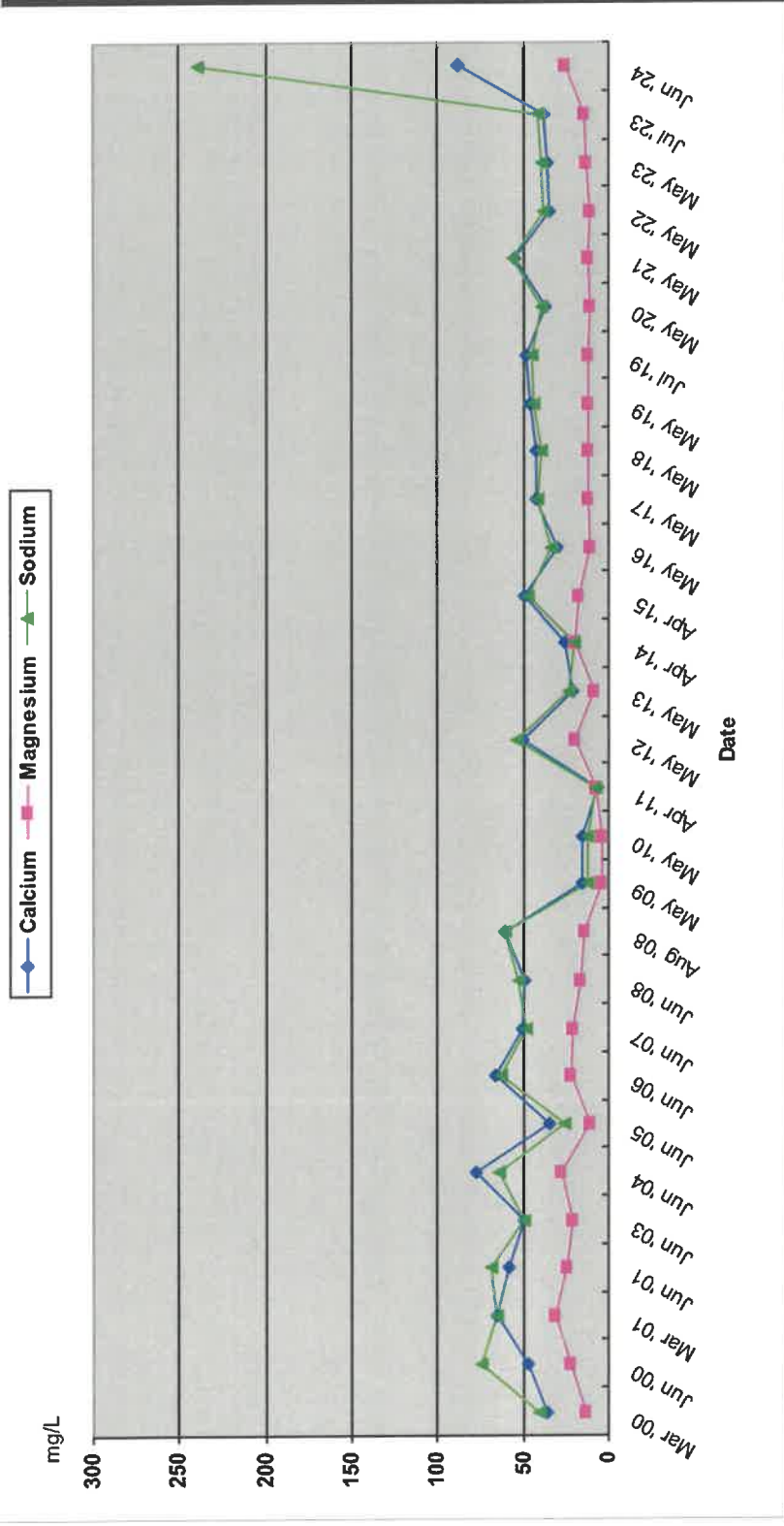
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

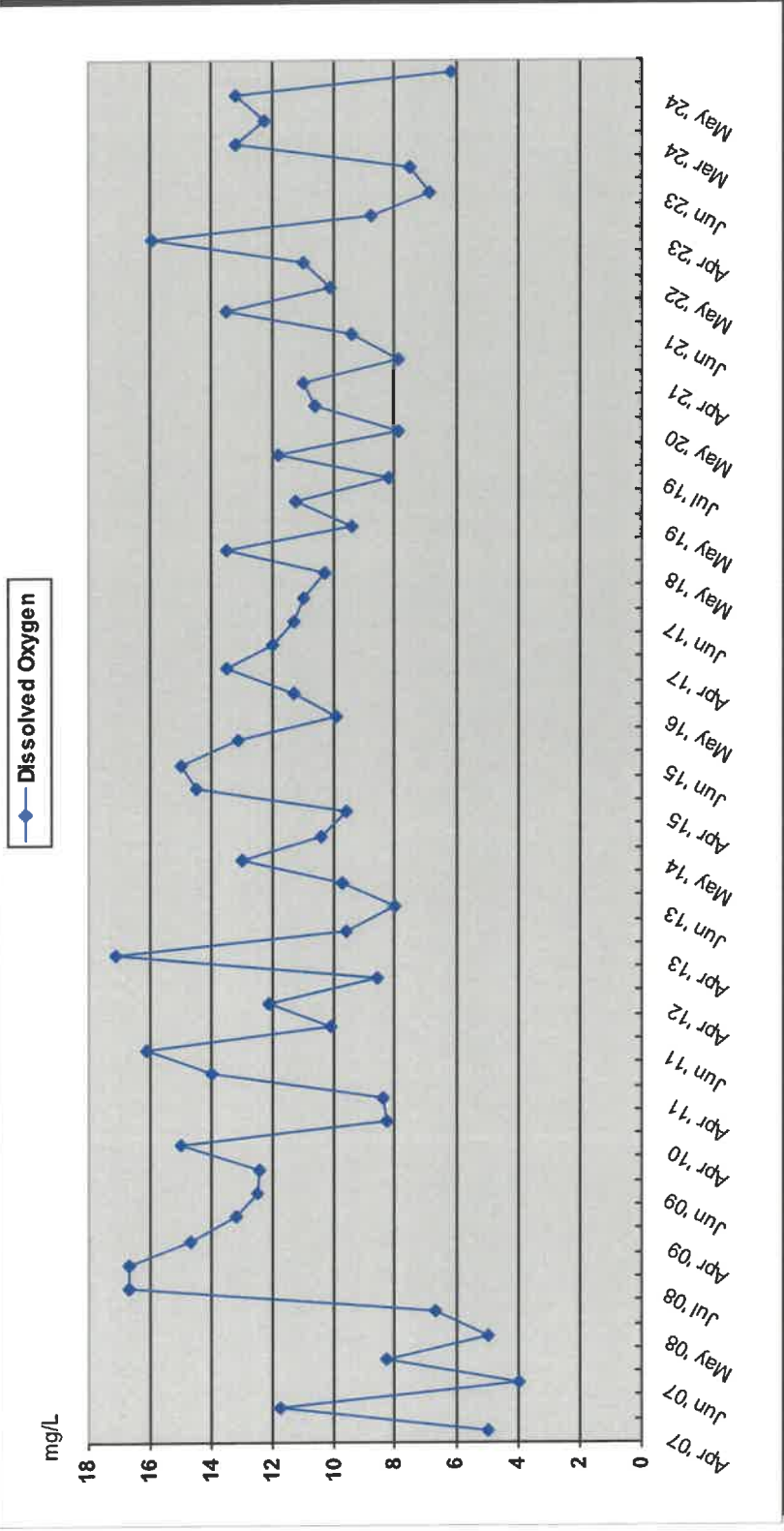
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

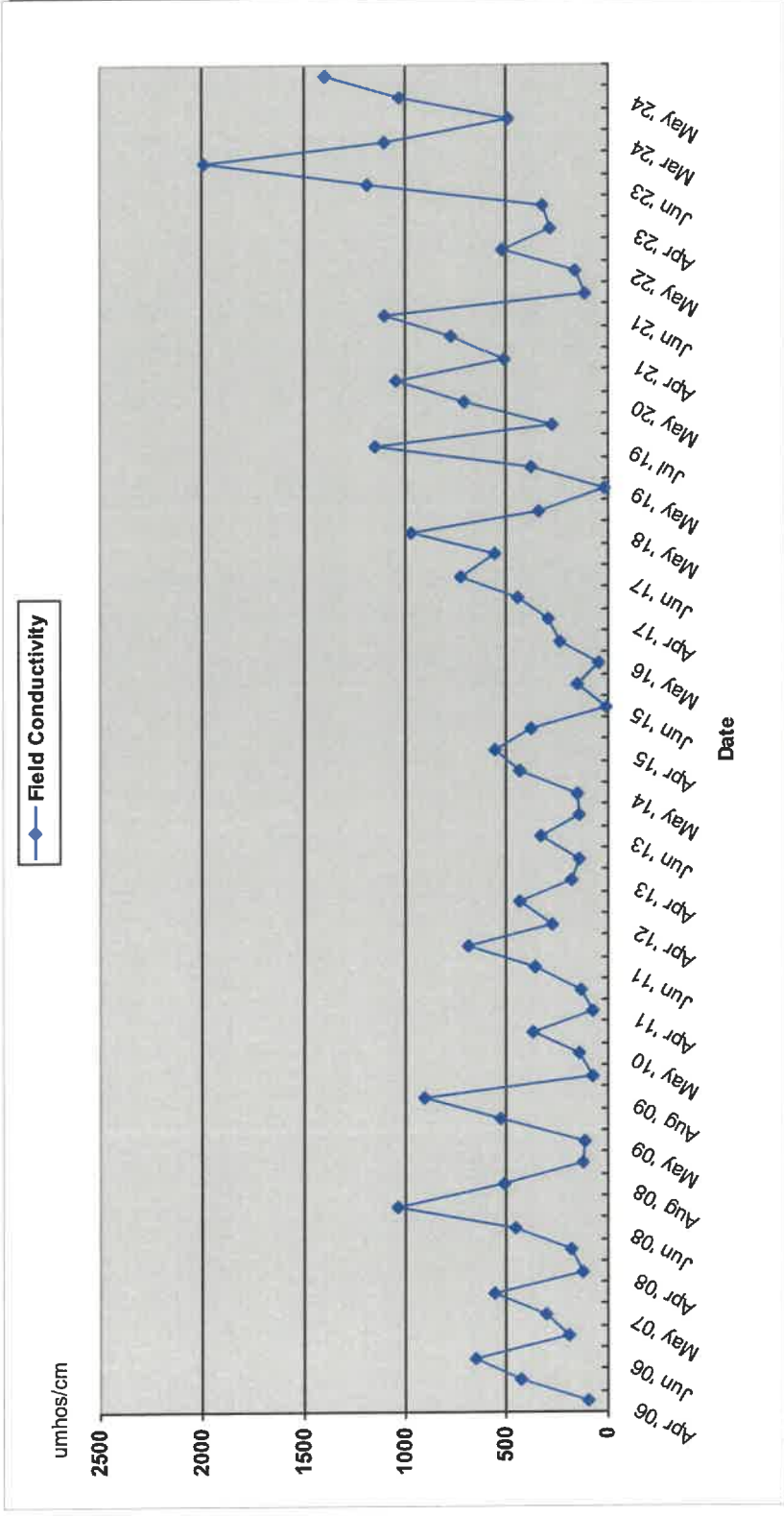
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

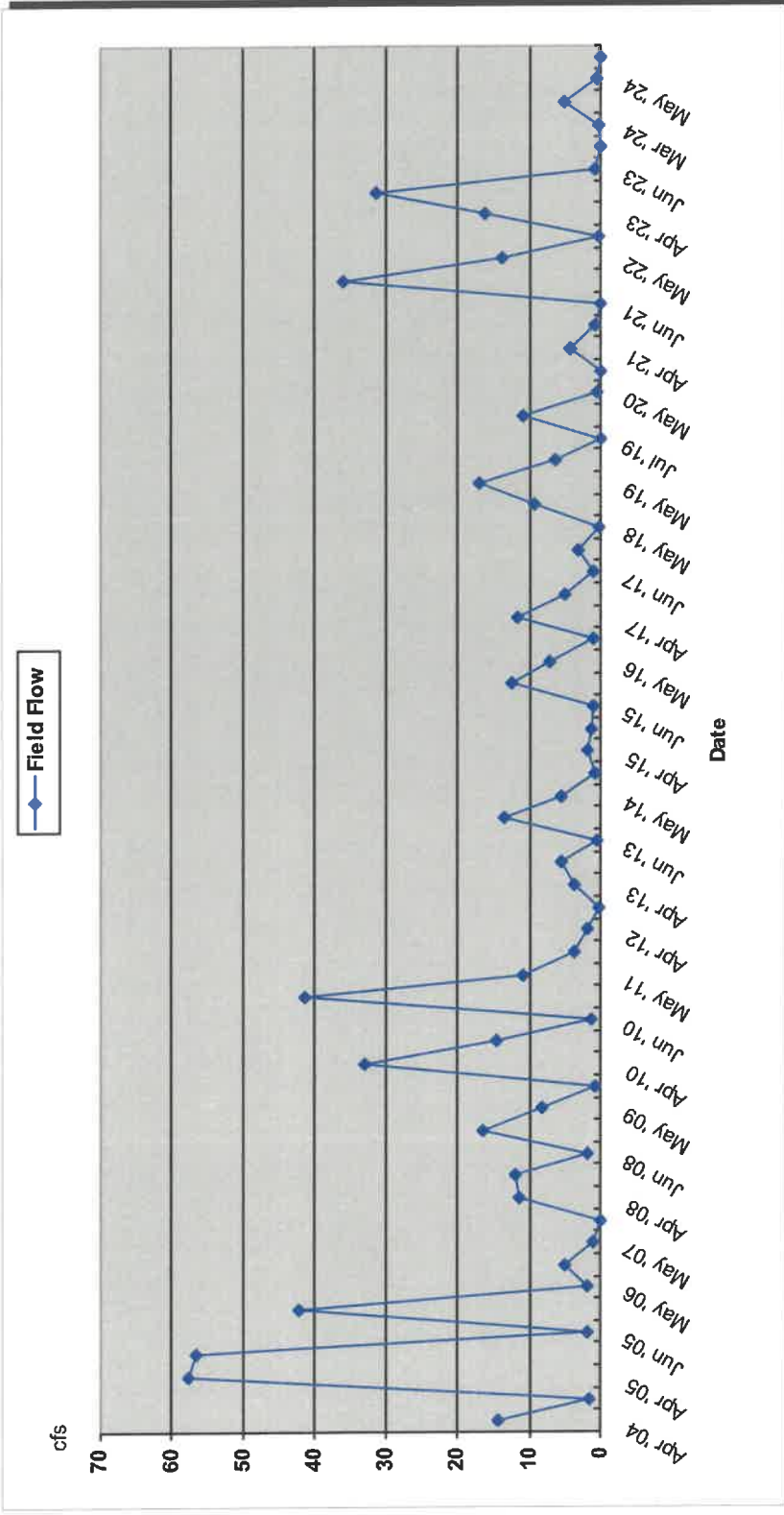
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: B-1



# MONITORING CHART FOR 2024 AHR

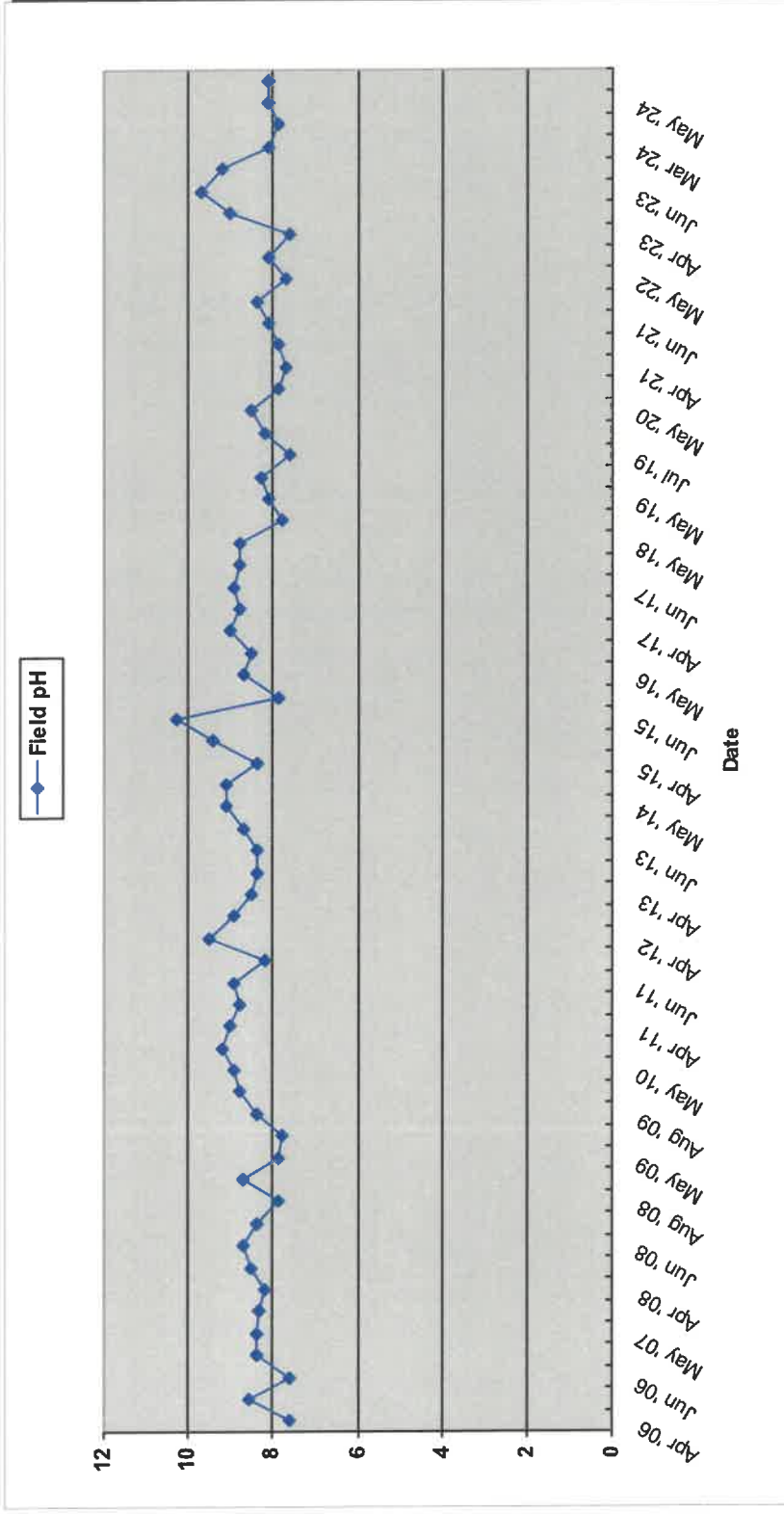
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

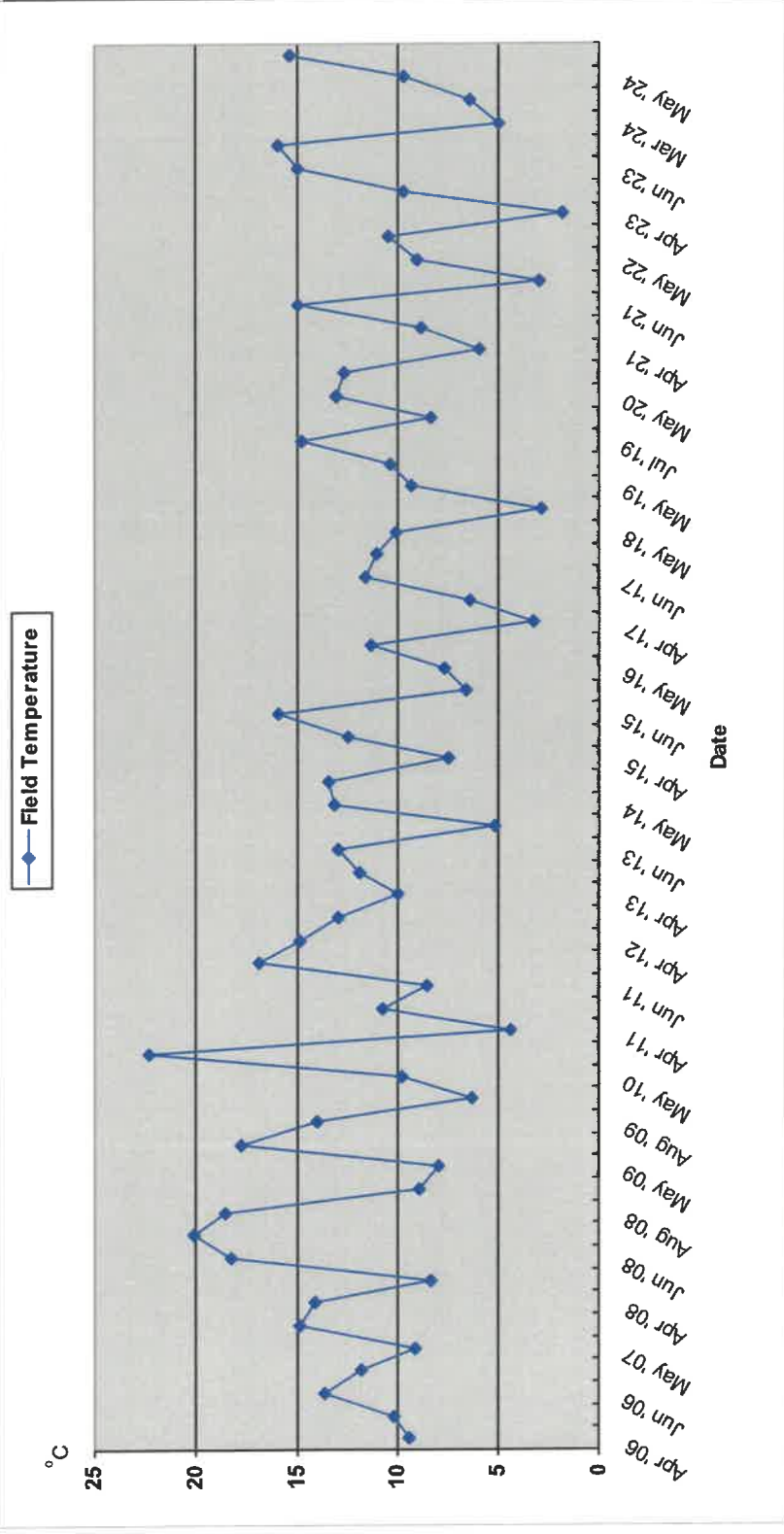
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

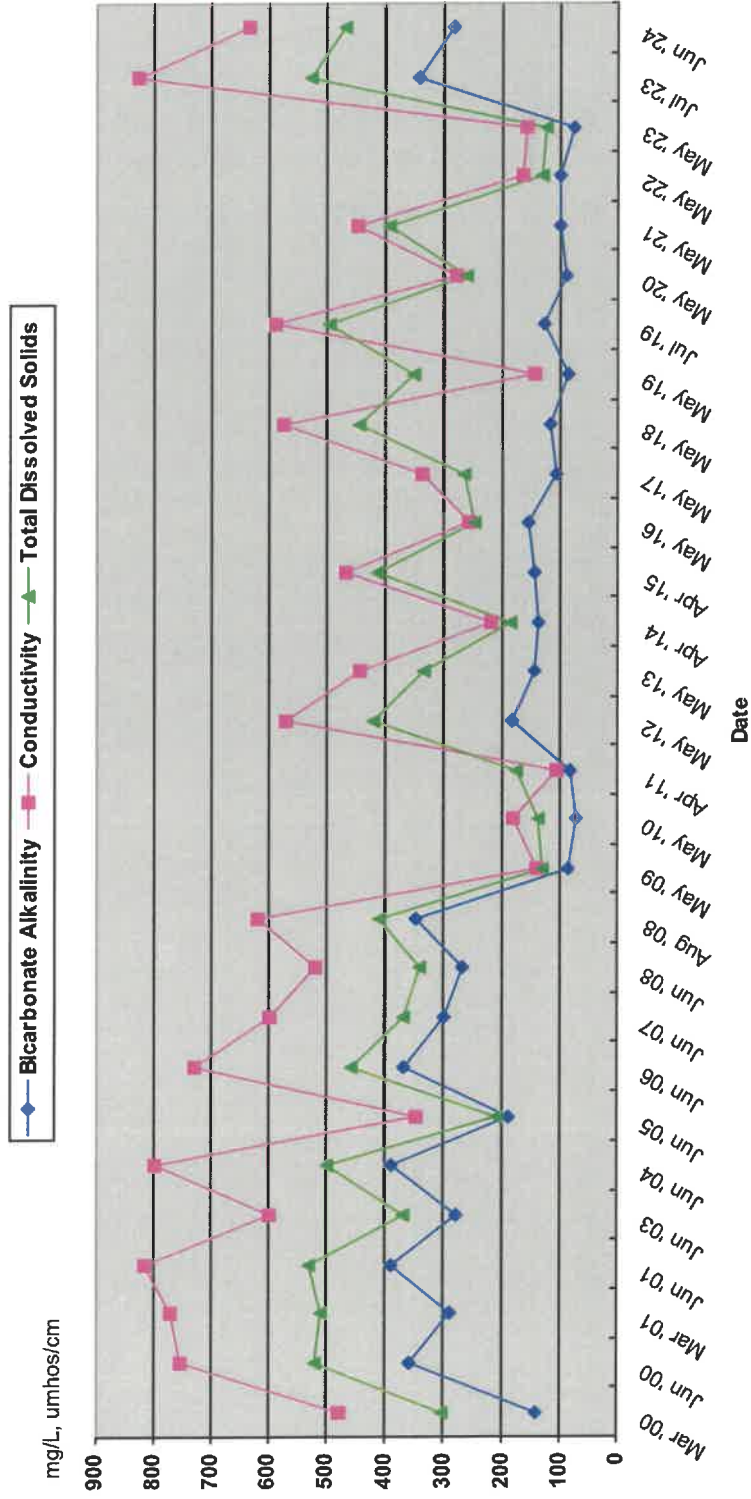
SURFACE WATER LOCATION: B-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: B-1



# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: B-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond | Cl     | NO3/NO2 | SO4    | TSS | PO4 | DO   | Al   | As | Cd | Ca   | Cu | Pb | Mg   | Mn | Hg | Mo | Se | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Dist |       |
|------------|-------|------|----------|------------|------|-------|------|------|--------|---------|--------|-----|-----|------|------|----|----|------|----|----|------|----|----|----|----|-------|----|-----|--------|-------|---------|-------|
| 10/29/2024 |       | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 9/11/2024  | 15:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 8/19/2024  | 14:54 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 7/22/2024  | 13:30 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 6/10/2024  | 12:47 | 0.06 | 8.1      | 1396       | 15.4 | 283.2 | 7.95 | 633  | 92.47  | 0.3     | 91.38  | 6.2 | 470 | 0.08 | 6.2  |    |    | 87.7 |    |    | 25.8 |    |    |    |    | 239.3 |    |     |        | 0     | 0.113   | 0.026 |
| 5/31/2024  | 11:45 | 0.65 | 8.1      | 1026       | 9.7  |       |      |      |        |         |        |     |     | 13.2 |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 4/26/2024  | 11:15 | 5.2  | 7.9      | 492        | 6.4  |       |      |      |        |         |        |     |     | 12.2 |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 3/27/2024  | 12:24 | 0.3  | 8.1      | 1100       | 5    |       |      |      |        |         |        |     |     | 13.2 |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 10/23/2023 | 12:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 9/27/2023  | 11:45 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 8/24/2023  | 11:40 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 7/17/2023  | 12:15 | 0.11 | 9.2      | 1994       | 16   | 340.8 | 7.79 | 828  | 164.98 | 0.3     | 132.12 | 20  | 526 | 0.08 | 7.5  |    |    | 38.1 |    |    | 15.2 |    |    |    |    | 41.7  |    |     |        | 0     | 0.076   | 0.016 |
| 6/22/2023  | 14:30 | 0.8  | 9.7      | 1190       | 15   |       |      |      |        |         |        |     |     | 6.9  |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 5/22/2023  | 15:00 | 31.4 | 9        | 317        | 9.7  | 75.2  | 7.74 | 160  | 10     | 0.3     | 18.11  | 56  | 124 | 0.08 | 8.8  |    |    | 35.6 |    |    | 13.2 |    |    |    |    | 39.2  |    |     |        | 0     | 0.058   | 0.01  |
| 4/21/2023  | 13:10 | 16.3 | 7.6      | 285        | 1.8  |       |      |      |        |         |        |     |     | 15.9 |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 10/12/2022 | 13:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 9/8/2022   | 13:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 8/12/2022  | 12:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 7/18/2022  | 12:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 6/7/2022   | 10:35 | 0.3  | 8.1      | 522        | 10.5 |       |      |      |        |         |        |     |     | 11   |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 5/9/2022   | 13:05 | 14   | 7.7      | 157        | 9    | 99.23 | 7.94 | 166  | 28     | 0.3     | 52.35  | 34  | 130 | 0.08 | 10.1 |    |    | 34.9 |    |    | 11.0 |    |    |    |    | 38.1  |    |     |        | 0     | 0.053   | 0.011 |
| 4/26/2022  | 10:50 | 36   | 8.4      | 113        | 3    |       |      |      |        |         |        |     |     | 13.5 |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 10/21/2021 | 14:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 9/20/2021  | 14:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 8/12/2021  | 14:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 7/26/2021  | 14:10 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 6/11/2021  | 11:46 | 0.01 | 8.1      | 1100       | 15   |       |      |      |        |         |        |     |     | 9.4  |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 5/18/2021  | 11:15 | 0.8  | 7.9      | 770        | 8.8  | 99.23 | 7.75 | 449  | 94.96  | 0.3     | 33.75  | 62  | 394 | 0.08 | 7.9  |    |    | 54.9 |    |    | 12.7 |    |    |    |    | 56.9  |    |     |        | 0     | 0.062   | 0.014 |
| 4/12/2021  | 12:30 | 4.4  | 7.7      | 510        | 6    |       |      |      |        |         |        |     |     | 11   |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 10/6/2020  | 13:20 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 9/15/2020  | 23:55 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 8/12/2020  | 13:50 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 7/13/2020  | 15:00 | 0    |          |            |      |       |      |      |        |         |        |     |     |      |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 6/2/2020   | 10:30 | 0.05 | 7.9      | 1050       | 12.7 |       |      |      |        |         |        |     |     | 10.6 |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |
| 5/18/2020  | 13:20 | 0.49 | 8.5      | 710        | 13.1 | 89.23 | 7.59 | 280  | 51.9   | 0.3     | 46.74  | 22  | 263 | 0.08 | 7.9  |    |    | 37.5 |    |    | 11.3 |    |    |    |    | 39.2  |    |     |        | 0     | 0.069   | 0.014 |
| 4/27/2020  | 11:50 | 11   | 8.2      | 270        | 8.4  |       |      |      |        |         |        |     |     | 11.8 |      |    |    |      |    |    |      |    |    |    |    |       |    |     |        |       |         |       |

# MONITORING DATA FOR 2024 AHR

## SURFACE WATER LOCATION: B-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3   | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As | Cd | Cu   | Pb | Mg   | Mn | Hg | Mo | Se | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dis |       |
|------------|-------|------|----------|------------|------|--------|------|------|-------|---------|-------|-----|-----|------|------|----|----|----|------|----|------|----|----|----|----|------|----|-----|--------|-------|--------|-------|
| 10/17/2019 | 9:30  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 9/18/2019  | 13:55 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 8/20/2019  | 10:20 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 7/10/2019  | 13:00 | 0.07 | 7.6      | 1150       | 14.8 | 126.9  | 8.03 | 590  | 40.06 | 0.3     | 90.55 | 14  | 496 | 0.08 | 8.2  |    |    |    | 48.7 |    | 12.8 |    |    |    |    | 45.6 |    |     |        |       | 0.048  | 0.011 |
| 6/7/2019   | 11:30 | 6.5  | 8.3      | 380        | 10.4 |        |      |      |       |         |       |     |     |      | 11.2 |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 5/13/2019  | 13:29 | 17.2 | 8.1      | 20         | 9.3  | 87.04  | 7.35 | 146  | 60.85 | 0.3     | 24.7  | 60  | 352 | 0.08 | 9.4  |    |    |    | 46.2 |    | 12.2 |    |    |    |    | 43.8 |    |     |        |       | 0.055  | 0.012 |
| 4/12/2019  | 11:30 | 9.3  | 7.8      | 340        | 2.9  |        |      |      |       |         |       |     |     |      | 13.5 |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 10/17/2018 | 11:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 9/14/2018  | 10:40 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 8/27/2018  | 10:15 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 7/11/2018  | 13:35 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 6/22/2018  | 9:40  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 5/14/2018  | 11:00 | 0.24 | 8.8      | 970        | 10.1 | 117.61 | 7.28 | 576  | 83.6  | 0.3     | 88.49 | 38  | 446 | 0.08 | 10.3 |    |    |    | 42.5 |    | 12.7 |    |    |    |    | 39.6 |    |     |        |       | 0.088  | 0.018 |
| 4/24/2018  | 13:50 | 3.3  | 8.8      | 560        | 11.1 |        |      |      |       |         |       |     |     |      | 11   |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 10/19/2017 | 10:25 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 9/11/2017  | 11:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 8/6/2017   | 10:30 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 7/18/2017  | 13:10 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 6/6/2017   | 10:15 | 1.2  | 8.9      | 730        | 11.6 |        |      |      |       |         |       |     |     |      | 11.3 |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 5/17/2017  | 10:00 | 5.2  | 8.8      | 440        | 6.4  | 105.34 | 7.47 | 339  | 61.5  | 0.3     | 43.17 | 30  | 266 | 0.08 | 12   |    |    |    | 43.3 |    | 12.4 |    |    |    |    | 41.6 |    |     |        |       | 0.076  | 0.016 |
| 4/28/2017  | 10:00 | 11.7 | 9        | 290        | 3.3  |        |      |      |       |         |       |     |     |      | 13.5 |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 10/28/2016 | 10:45 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 9/22/2016  | 9:45  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 8/25/2016  | 10:55 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 7/25/2016  | 11:15 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 6/9/2016   | 11:15 | 1.2  | 8.5      | 240        | 11.3 |        |      |      |       |         |       |     |     |      | 11.3 |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 5/23/2016  | 10:45 | 7.2  | 8.7      | 50         | 7.7  | 154.26 | 8.18 | 259  | 5.45  | 0.3     | 20.17 | 10  | 249 | 0.08 | 9.9  |    |    |    | 30.2 |    | 11.5 |    |    |    |    | 33.9 |    |     |        |       | 0.062  | 0.016 |
| 4/26/2016  | 13:15 | 12.5 | 7.9      | 150        | 6.6  |        |      |      |       |         |       |     |     |      | 13.1 |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 10/21/2015 | 9:15  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 10/13/2015 | 9:00  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 9/18/2015  | 14:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 8/4/2015   | 13:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 7/21/2015  | 12:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 6/17/2015  | 13:00 | 1.12 | 10.3     | 5.1        | 16   |        |      |      |       |         |       |     |     |      | 15   |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 5/4/2015   | 2:30  | 1.37 | 9.4      | 380        | 12.5 |        |      |      |       |         |       |     |     |      | 14.5 |    |    |    |      |    |      |    |    |    |    |      |    |     |        |       |        |       |
| 4/14/2015  | 10:30 | 1.81 | 8.4      | 560        | 7.5  | 144.13 | 7.86 | 470  | 6.76  | 0.3     | 88.08 | 22  | 414 | 0.08 | 9.6  |    |    |    | 49.6 |    | 18.4 |    |    |    |    | 47.6 |    |     |        |       | 0.08   | 0.02  |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: B-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3   | pH   | Cond  | Cl    | NO3/NO2 | SO4   | TSS | TDS | PO4   | DO  | Al | As | Cd | Ca   | Cu | Pb | Mg   | Mn | Hg | Mo | Se   | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Dis |      |
|------------|-------|-------|----------|------------|------|--------|------|-------|-------|---------|-------|-----|-----|-------|-----|----|----|----|------|----|----|------|----|----|----|------|-------|----|-----|--------|-------|--------|------|
| 10/31/2014 | 11:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 9/10/2014  | 13:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 8/25/2014  | 14:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 7/8/2014   | 21:20 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 6/11/2014  | 15:00 | 0.69  | 9.1      | 430        | 13.5 |        |      |       |       |         |       |     |     | 10.4  |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 5/19/2014  | 13:50 | 5.5   | 9.1      | 150        | 13.2 |        |      |       |       |         |       |     |     | 13    |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 4/8/2014   | 11:00 | 13.7  | 8.7      | 140        | 5.2  | 136.57 | 6.84 | 220   | 2.76  | 0.3     | 20.08 | 112 | 187 | 0.08  | 9.7 |    |    |    | 25.4 |    |    | 20.6 |    |    |    |      | 19.82 |    |     | 0      | 0     | 2.91   | 0.07 |
| 10/18/2013 | 14:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 9/9/2013   | 10:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 8/16/2013  | 10:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 7/18/2013  | 13:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 6/4/2013   | 13:00 | 0.6   | 8.4      | 330        | 13   |        |      |       |       |         |       |     |     | 8     |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 5/6/2013   | 11:00 | 5.5   | 8.4      | 140        | 11.9 | 146.44 | 7.43 | 444   | 4.54  | 0.3     | 19.76 | 134 | 333 | 0.08  | 9.6 |    |    |    | 21   |    |    | 9.4  |    |    |    |      | 24    |    |     | 0      | 0     | 1.75   | 0.15 |
| 4/22/2013  | 14:20 | 3.7   | 8.5      | 180        | 10   |        |      |       |       |         |       |     |     | 17.1  |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 10/10/2012 | 13:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 9/16/2012  | 13:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 8/2/2012   | 12:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 7/30/2012  | 13:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 6/8/2012   | 12:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 5/9/2012   | 13:30 | 0.25  | 8.9      | 430        | 13   | 183.41 | 8.24 | 574   | 44.67 | 2.55    | 17.52 | 11  | 419 | 0.08  | 8.6 |    |    |    | 50.2 |    |    | 19.8 |    |    |    |      | 53.8  |    |     | 0      | 0     | 0.06   | 0.03 |
| 4/23/2012  | 14:45 | 1.8   | 9.5      | 270        | 14.9 |        |      |       |       |         |       |     |     | 12.1  |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 10/18/2011 | 13:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 9/8/2011   | 12:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 8/15/2011  | 13:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 7/26/2011  | 14:00 | 0     | 8.2      | 690        | 16.9 |        |      |       |       |         |       |     |     | 10.1  |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 6/14/2011  | 13:30 | 3.63  | 8.9      | 360        | 8.6  |        |      |       |       |         |       |     |     | 16.1  |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 5/23/2011  | 13:30 | 11    | 8.8      | 130        | 10.8 |        |      |       |       |         |       |     |     | 14    |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 4/19/2011  | 12:00 | 41.25 | 9        | 80         | 4.4  | 84.2   | 7.30 | 106   | 11.2  | 2.28    | 54.88 | 320 | 176 | 0.082 | 8.4 |    |    |    | 7.27 |    |    | 7.6  |    |    |    | 8.21 |       |    | 0   | 0      | 14.09 | 0.4    |      |
| 10/27/2010 | 2:15  | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 9/27/2010  | 2:15  | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 8/5/2010   | 2:00  | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 7/15/2010  | 1:00  | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 6/4/2010   | 12:00 | 1.37  | 9.2      | 370        | 22.3 |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 5/18/2010  | 12:00 | 14.7  | 8.9      | 140        | 9.8  | 71.67  | 7.97 | 181.7 | 10.9  | 4.04    | 18.52 | 55  | 138 | 0     | 8.3 |    |    |    | 16.2 |    |    | 4.2  |    |    |    |      | 12.18 |    |     | 0      | 0     | 0.19   | 0.12 |
| 4/22/2010  | 2:00  | 33    | 8.8      | 80         | 6.3  |        |      |       |       |         |       |     |     | 15    |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |
| 10/12/2009 | 12:00 | 0     |          |            |      |        |      |       |       |         |       |     |     |       |     |    |    |    |      |    |    |      |    |    |    |      |       |    |     | 0      | 0     |        |      |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: B-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca | Cu | Pb | Mg   | Mn | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|-------|----------|------------|------|------|------|------|----|---------|-----|-----|-----|------|------|----|----|----|----|----|----|------|----|----|----|----|----|----|-----|--------|-------|--------|
| 9/25/2009  | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 8/5/2009   | 11:00 | 0     | 8.4      | 910        | 14   |      |      |      |    |         |     |     |     |      | 12.4 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 7/12/2009  | 11:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 6/22/2009  | 10:45 | 0.82  | 7.8      | 530        | 17.8 |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 5/6/2009   | 10:50 | 8.25  | 7.9      | 110        | 8    | 87   | 7.95 | 140  | 1  | 0.08    | 9   | 95  | 130 | 0.02 | 13.2 |    |    |    | 16 |    |    | 4.5  |    |    |    |    | 12 |    |     |        | 1.2   | 0.04   |
| 4/29/2009  | 12:30 | 16.5  | 8.7      | 120        | 8.9  |      |      |      |    |         |     |     |     |      | 14.7 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 10/15/2008 | 14:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 9/11/2008  | 14:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 8/7/2008   | 13:35 | 0     | 7.9      | 510        | 18.6 | 350  | 8.02 | 620  | 3  | 0.04    | 74  | 5   | 410 | 0.02 | 16.7 |    |    |    | 61 |    |    | 15.0 |    |    |    |    | 61 |    |     |        | 0.12  | 0.03   |
| 7/29/2008  | 14:30 | 0     | 8.4      | 1040       | 20.1 |      |      |      |    |         |     |     |     |      | 16.7 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 6/18/2008  | 12:00 | 1.92  | 8.7      | 450        | 18.3 | 270  | 8.46 | 520  | 3  | 0.16    | 69  | 11  | 340 | 0.02 | 6.7  |    |    |    | 50 |    |    | 17.0 |    |    |    |    | 53 |    |     |        | 0.24  | 0.01   |
| 5/23/2008  | 11:10 | 12    | 8.5      | 180        | 8.4  |      |      |      |    |         |     |     |     |      | 5    |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 4/18/2008  | 15:40 | 11.55 | 8.2      | 120        | 14.1 |      |      |      |    |         |     |     |     |      | 8.3  |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 10/25/2007 | 2:30  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 9/11/2007  | 13:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 8/7/2007   | 13:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 7/17/2007  | 13:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 6/15/2007  | 12:20 | 0.03  | 8.33     | 560        | 14.9 | 300  | 8.28 | 600  | 3  | 0.14    | 70  | 9   | 370 | 0.02 | 4    |    |    |    | 51 |    |    | 21.0 |    |    |    |    | 49 |    |     |        | 1.5   | 0.01   |
| 5/15/2007  | 12:01 | 1.1   | 8.36     | 300        | 9.1  |      |      |      |    |         |     |     |     |      | 11.7 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 4/26/2007  | 15:15 | 5     | 8.4      | 190        | 11.8 |      |      |      |    |         |     |     |     |      | 5    |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 10/17/2006 | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 9/27/2006  | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 8/10/2006  | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 7/21/2006  | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 6/13/2006  | 11:00 | 0     | 7.62     | 650        | 13.7 | 370  | 7.55 | 730  | 7  | 0.02    | 100 | 6   | 460 | 0.01 | 7.4  |    |    |    | 66 |    |    | 23.0 |    |    |    |    | 63 |    |     |        | 0.21  | 0.21   |
| 5/26/2006  | 10:30 | 1.8   | 8.54     | 420        | 10.2 |      |      |      |    |         |     |     |     |      | 10.4 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 4/17/2006  | 14:25 | 42.07 | 7.63     | 90         | 9.4  |      |      |      |    |         |     |     |     |      | 12.5 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 10/17/2005 | 11:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 9/22/2005  | 13:15 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 8/30/2005  | 13:40 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 8/5/2005   | 11:15 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 7/25/2005  | 14:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 6/17/2005  | 10:25 | 1.75  | 8.61     | 310        | 13   | 190  | 8.35 | 350  | 2  | 0.09    | 31  | 10  | 210 | 0.01 |      |    |    |    | 35 |    |    | 11.0 |    |    |    |    | 26 |    |     |        | 0.65  |        |
| 5/9/2005   | 14:50 | 56.54 | 8.02     | 110        | 13   |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 4/18/2005  | 10:50 | 57.75 | 8.03     | 80         | 5    |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |
| 10/8/2004  | 14:25 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

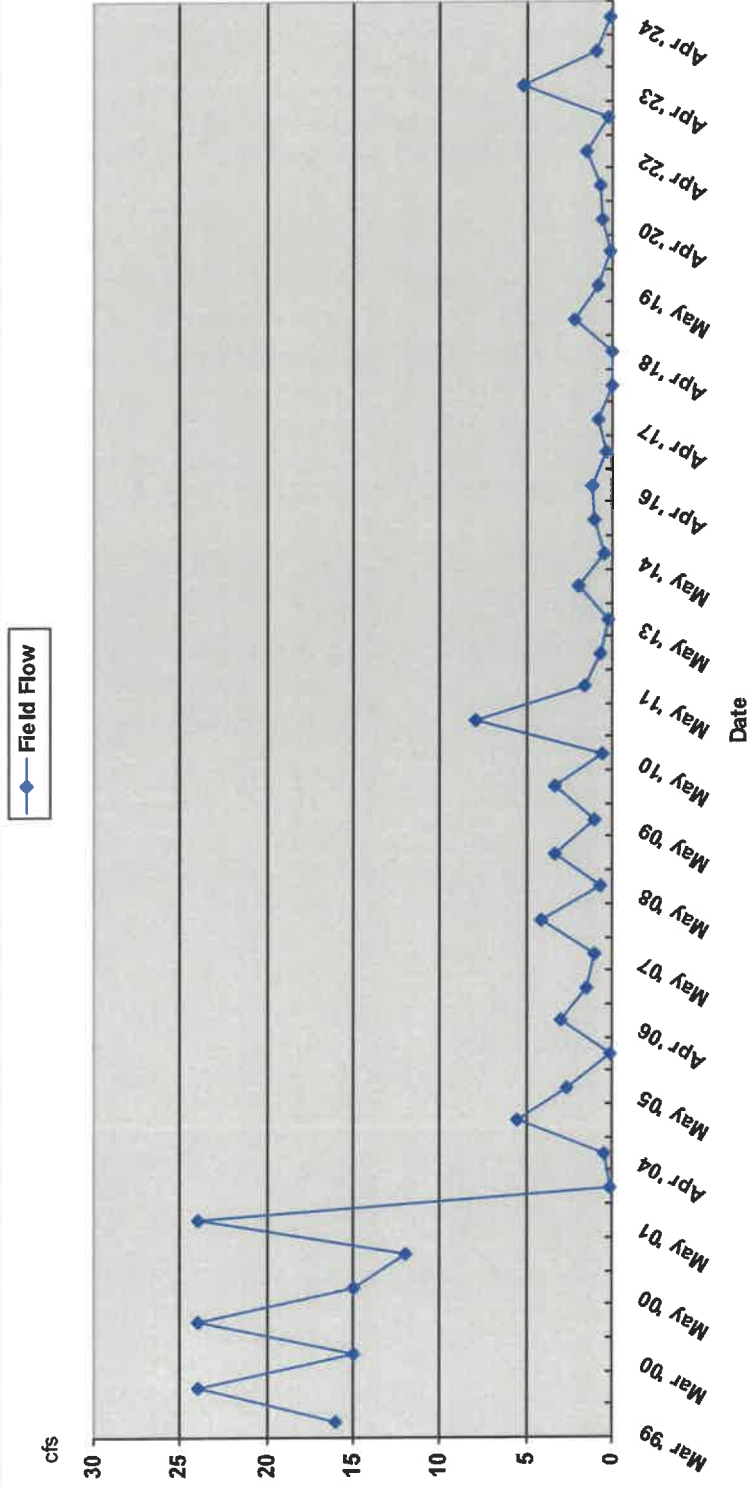
## SURFACE WATER LOCATION: B-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | CI | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO | Al | As   | Cd    | Ca    | Cu   | Pb    | Mg   | Mn   | Hg    | Mo     | Se   | Na    | Zn   | Oil   | Grease | Fe-Tr | Fe-Dis |
|------------|-------|-------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|------|----|----|------|-------|-------|------|-------|------|------|-------|--------|------|-------|------|-------|--------|-------|--------|
| 9/27/2004  | 11:45 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 8/23/2004  | 11:00 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 7/23/2004  | 10:00 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 6/22/2004  | 12:20 | 0     | 7.55     | 790        | 15  | 390  | 7.63 | 800  | 8  | 0.02    | 130 | 38  | 500 | 0.03 |    |    |      |       | 78    |      |       |      | 28.0 |       |        |      |       |      |       |        |       |        |
| 5/20/2004  | 10:30 | 1.65  | 8.63     | 330        | 11  |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       | 6.9    |
| 4/14/2004  | 14:45 | 14.4  | 8.54     | 140        | 11  |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 10/13/2003 | 14:00 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 9/17/2003  | 13:00 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 8/26/2003  | 10:30 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 7/28/2003  | 13:00 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 6/17/2003  | 13:45 | 0.09  | 8.43     | 550        | 17  | 280  | 8.14 | 600  | 4  | 0.2     | 84  | 5   | 370 | 0.01 |    |    |      |       | 50    |      |       | 21.0 |      |       |        |      |       |      |       |        | 0.45  | 0.01   |
| 5/13/2003  | 11:20 | 21    | 9.03     | 140        | 8   |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 4/10/2003  | 14:00 | 4     | 8.52     | 260        | 11  |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 10/24/2002 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 7/20/2002  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 6/23/2002  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 6/29/2001  | 11:30 |       |          |            |     |      |      |      |    |         |     |     |     |      |    |    |      |       |       |      |       |      |      |       |        |      |       |      |       |        |       |        |
| 6/29/2001  | 11:30 |       | 8.3      | 700        |     | 390  | 8.16 | 818  | 8  | 0.02    | 130 | 5   | 530 | 0.02 |    |    | 0.2  | 0.002 | 0.005 | 58.8 | 0.005 | 0.05 | 25.3 | 0.022 | 0.0002 | 0.05 | 0.002 | 68.7 | 0.006 | 0      | 0     | 0.06   |
| 3/30/2001  | 12:00 |       |          |            |     | 290  | 8.21 | 772  | 7  | 1.18    | 180 | 5   | 510 | 0.01 |    |    | 0.09 | 0.002 | 0.005 | 65.9 | 0.009 | 0.05 | 31.4 | 0.005 | 0.0002 | 0.05 | 0.002 | 65.4 | 0.011 | 0      | 0     | 0.05   |
| 6/29/2000  | 14:00 |       | 8.13     | 600        | 18  | 357  | 8.13 | 755  | 8  | 0.26    | 107 | 200 | 520 | 0.05 |    |    | 0.18 | 0.002 | 0.005 | 47.8 | 0.005 | 0.05 | 22.8 | 0.012 | 0.0002 | 0.05 | 0.002 | 74.6 | 0.012 | 0      | 0     | 0.17   |
| 3/29/2000  | 10:45 |       | 8        | 300        | 7   | 143  | 8.20 | 478  | 4  | 0.71    | 67  | 60  | 302 | 0.01 |    |    | 1.83 | 0.002 | 0.005 | 36.5 | 0.019 | 0.05 | 13.3 | 0.041 | 0.0002 | 0.05 | 0.002 | 40.7 | 0.025 | 0      | 0     | 2.07   |
| 6/29/1999  | 14:10 | 4     | 8.3      | 500        | 18  | 262  | 8.50 | 698  | 6  | 0.64    | 160 | 7   | 415 | 0.02 |    |    | 0.18 | 0.009 | 0.005 | 22.8 | 0.005 | 0.05 | 9.5  | 0.006 | 0.0002 | 0.05 | 0.002 | 36.9 | 0.007 | 0      | 0     | 0.07   |
| 3/30/1999  | 13:00 | 29.59 | 7.5      | 300        | 6   | 126  | 7.85 | 288  | 4  | 0.28    | 33  | 11  | 196 | 0.01 |    |    | 0.91 | 0.002 | 0.005 | 21.9 | 0.005 | 0.05 | 7.6  | 0.018 | 0.0002 | 0.05 | 0.002 | 22.7 | 0.006 | 0      | 0     | 0.93   |

## C-1 LOWER COAL GULCH

# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: C-1



# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: C-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3  | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca   | Cu | Pb | Mg | Mn  | Hg | Mo | Se | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dls |  |
|------------|-------|------|----------|------------|-----|-------|------|------|-------|---------|-------|-----|-----|------|------|----|----|----|------|----|----|----|-----|----|----|----|------|----|-----|--------|-------|--------|--|
| 10/29/2024 |       | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 9/11/2024  | 15:17 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 8/19/2024  | 15:47 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 7/22/2024  | 13:05 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 6/10/2024  | 14:15 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 5/31/2024  | 10:45 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 4/26/2024  | 10:15 | 0.14 | 8        | 649        | 6.4 |       |      |      |       |         |       |     |     |      | 10   |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 3/27/2024  | 11:22 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 10/23/2023 | 12:00 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 9/27/2023  | 12:00 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 8/24/2023  | 12:21 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 7/17/2023  | 11:25 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 6/22/2023  | 13:50 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 5/22/2023  | 10:45 | 0.9  | 9.1      | 523        | 8.8 | 121.6 | 8.10 | 233  | 12.5  | 0.3     | 11.94 | 20  | 138 | 0.08 | 8.2  |    |    |    | 45.2 |    |    |    | 3.4 |    |    |    | 17.6 |    |     |        | 0.055 | 0.011  |  |
| 4/21/2023  | 12:05 | 5.25 | 7.1      | 176        | 0.9 |       |      |      |       |         |       |     |     |      | 13.2 |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 10/12/2022 | 12:00 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 9/8/2022   | 12:00 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 8/12/2022  | 12:00 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 7/18/2022  | 12:00 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 6/7/2022   | 9:55  | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 5/9/2022   | 12:00 | 0.2  | 8        | 212        | 9.7 | 96.8  | 8.24 | 299  | 22.49 | 0.3     | 16.88 | 28  | 264 | 0.08 | 10.3 |    |    |    | 44.8 |    |    |    | 3.1 |    |    |    | 17.4 |    |     |        | 0.048 | 0.013  |  |
| 4/26/2022  | 9:50  | 1.5  | 8.3      | 149        | 3   |       |      |      |       |         |       |     |     |      | 13.9 |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 10/21/2021 | 13:35 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 9/20/2021  | 13:35 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 8/12/2021  | 13:35 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 7/26/2021  | 13:15 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 6/11/2021  | 13:40 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 5/18/2021  | 0:25  | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 4/12/2021  | 11:30 | 0.7  | 7.6      | 220        | 5.5 |       |      |      |       |         |       |     |     | 12.3 |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 10/6/2020  | 12:30 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 9/15/2020  | 11:15 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 8/12/2020  | 13:00 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 7/13/2020  | 14:15 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 6/2/2020   | 8:55  | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 5/18/2020  | 12:07 | 0    |          |            |     |       |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |
| 4/27/2020  | 10:15 | 0.58 | 8.1      | 250        | 6.3 |       |      |      |       |         |       |     |     |      | 12.1 |    |    |    |      |    |    |    |     |    |    |    |      |    |     |        |       |        |  |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: C-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3   | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca   | Cu | Pb | Mg   | Mn | Hg | Mo | Se | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|------|--------|------|------|-------|---------|-------|-----|-----|------|------|----|----|----|------|----|----|------|----|----|----|----|------|----|-----|--------|-------|--------|
| 10/17/2019 | 8:00  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 9/18/2019  | 13:10 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/20/2019  | 9:45  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/10/2019  | 12:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 6/7/2019   | 10:20 | 0.07 | 8.5      | 520        | 10.3 |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 5/13/2019  | 13:35 | 0.8  | 8.2      | 300        | 11.2 | 102    | 7.77 | 202  | 33.36 | 0.3     | 23.87 | 76  | 404 | 0.08 | 9.3  |    |    |    | 41.3 |    |    | 10.9 |    |    |    |    | 35.2 |    |     |        | 0.096 | 0.013  |
| 4/12/2019  | 10:35 | 2.2  | 7.7      | 190        | 2.5  |        |      |      |       |         |       |     |     |      | 13.8 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/17/2018 |       | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 9/14/2018  | 10:40 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/27/2018  | 11:05 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/11/2018  | 14:30 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 6/22/2018  | 9:07  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 5/14/2018  | 10:10 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 4/24/2018  | 12:45 | 0.02 | 8.7      | 670        | 14.7 |        |      |      |       |         |       |     |     |      | 10.2 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/19/2017 | 11:25 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 9/11/2017  | 10:30 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/8/2017   | 11:20 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/18/2017  | 11:50 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 6/6/2017   | 11:45 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 5/17/2017  | 11:00 | 0.04 | 8.7      | 600        | 7.3  | 116.25 | 7.17 | 119  | 24.7  | 0.3     | 27.52 | 14  | 120 | 0.08 | 11.4 |    |    |    | 36.9 |    |    | 9.2  |    |    |    |    | 30.4 |    |     |        | 0.101 | 0.019  |
| 4/28/2017  | 9:00  | 0.8  | 9.3      | 370        | 3.7  |        |      |      |       |         |       |     |     |      | 13.3 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/28/2016 | 10:10 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 9/22/2016  | 10:55 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/25/2016  | 10:45 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/25/2016  | 10:25 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 6/9/2016   | 9:45  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 5/23/2016  | 9:15  | 0.31 | 8.8      | 250        | 8.4  | 72.88  | 7.83 | 231  | 15.09 | 0.3     | 54.53 | 26  | 202 | 0.08 | 9.8  |    |    |    | 25.2 |    |    | 9.6  |    |    |    |    | 19.8 |    |     |        | 0.088 | 0.014  |
| 4/28/2016  | 9:45  | 1.1  | 8.6      | 130        | 5.1  |        |      |      |       |         |       |     |     |      | 13.2 |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/21/2015 | 9:15  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 10/13/2015 | 12:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 9/18/2015  | 1:00  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 8/4/2015   | 1:00  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 7/17/2015  | 11:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 6/17/2015  | 11:00 | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |
| 5/4/2015   | 1:00  | 1    | 8.9      | 510        | 10   | 67.18  | 7.38 | 375  | 4.84  | 0.3     | 35.19 | 16  | 334 | 0.08 | 9.8  |    |    |    | 41.6 |    |    | 13.2 |    |    |    |    | 35.6 |    |     |        | 0.1   | 0.02   |
| 4/14/2015  | 9:40  | 0    |          |            |      |        |      |      |       |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |    |      |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: C-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3   | pH   | Cond | Cl   | NO3/NO2 | SO4   | TSS | TDS | PO4   | DO   | Al | As | Cd   | Ca   | Cu | Pb   | Mg   | Mn | Hg | Mo | Se    | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Dis |  |
|------------|-------|------|----------|------------|------|--------|------|------|------|---------|-------|-----|-----|-------|------|----|----|------|------|----|------|------|----|----|----|-------|-------|----|-----|--------|-------|--------|--|
| 10/31/2014 | 11:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 9/10/2014  | 8:30  | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 8/25/2014  | 8:00  | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 7/8/2014   | 8:30  | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 6/11/2014  | 11:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 5/19/2014  | 13:00 | 0.44 | 9.2      | 220        | 12.3 |        |      |      |      |         |       |     |     |       | 13.9 |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 4/8/2014   | 10:00 | 2    | 8.7      | 120        | 3.5  | 44.17  | 6.75 | 169  | 1.76 | 0.3     | 12.77 | 12  | 133 | 0.08  | 9.7  |    |    |      | 23.8 |    |      | 21.2 |    |    |    |       | 17.85 |    |     |        | 2.01  | 0.03   |  |
| 10/18/2013 | 10:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 9/9/2013   | 10:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 8/18/2013  | 10:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 7/18/2013  | 13:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 6/5/2013   | 13:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 5/6/2013   | 13:00 | 0.25 | 8.4      | 160        | 12.3 | 55.18  | 7.65 | 456  | 2.48 | 0.3     | 16.05 | 12  | 384 | 0.08  | 9.6  |    |    | 21.2 |      |    |      | 9.6  |    |    |    |       | 59    |    |     |        | 0.44  | 0.17   |  |
| 4/22/2013  | 12:25 | 0.75 | 8.5      | 140        | 7.7  |        |      |      |      |         |       |     |     |       | 12.8 |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 10/10/2012 | 11:45 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 9/6/2012   | 12:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 8/2/2012   | 12:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 7/30/2012  | 12:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 6/13/2012  | 10:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 6/8/2012   | 11:45 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 5/9/2012   | 12:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 4/23/2012  | 13:15 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 10/18/2011 | 13:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 9/26/2011  | 13:30 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 8/15/2011  | 12:30 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 7/26/2011  | 13:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 6/14/2011  | 12:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 5/23/2011  | 14:45 | 1.65 | 8.5      | 130        | 8.8  |        |      |      |      |         |       |     |     |       | 16   |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 4/19/2011  | 22:45 | 8    | 9.7      | 70         | 3.4  | 57.2   | 7.11 | 141  | 23.6 | 0.88    | 90.55 | 226 | 152 | 0.081 | 8.2  |    |    | 3.79 |      |    | 5.1  |      |    |    |    | 7.58  |       |    |     | 6.04   | 0.23  |        |  |
| 10/27/2010 | 12:45 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 9/9/2010   | 1:10  | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 8/5/2010   | 12:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 7/15/2010  | 1:00  | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 5/18/2010  | 10:30 | 0.55 | 9.7      | 210        | 9.4  | 133.31 | 8.16 | 294  | 21.8 | 1.07    | 25.93 | 20  | 236 | 0.08  | 8.1  |    |    | 31.3 |      |    | 10.2 |      |    |    |    | 19.41 |       |    |     | 0      | 0.15  | 0.09   |  |
| 4/22/2010  | 12:40 | 3.4  | 9.4      | 100        | 6    |        |      |      |      |         |       |     |     |       | 14.3 |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |
| 10/12/2009 | 12:00 | 0    |          |            |      |        |      |      |      |         |       |     |     |       |      |    |    |      |      |    |      |      |    |    |    |       |       |    |     |        |       |        |  |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: C-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca | Cu | Pb | Mg   | Mn | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Di |      |
|------------|-------|-------|----------|------------|------|------|------|------|----|---------|-----|-----|-----|------|------|----|----|----|----|----|----|------|----|----|----|----|----|----|-----|--------|-------|-------|------|
| 9/25/2009  | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     | 0      | 0     |       |      |
| 8/5/2009   | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     | 0      | 0     |       |      |
| 7/17/2009  | 12:45 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     | 0      | 0     |       |      |
| 6/22/2009  | 9:15  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     | 0      | 0     |       |      |
| 5/6/2009   | 9:00  | 0.99  | 7.6      | 170        | 5.4  | 120  | 8.08 | 180  | 1  | 0.02    | 9   | 6   | 130 | 0.03 | 17   |    |    |    | 20 |    |    | 6.9  |    |    |    |    | 13 |    |     |        |       | 0.5   | 0.01 |
| 4/29/2009  | 10:20 | 3.33  | 8.1      | 130        | 4.9  |      |      |      |    |         |     |     |     |      | 16.3 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 10/7/2008  | 11:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 9/11/2008  | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 8/5/2008   | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 7/29/2008  | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 6/18/2008  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 5/23/2008  | 10:30 | 0.67  | 8.5      | 230        | 6.5  |      |      |      |    |         |     |     |     |      | 4    |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 4/18/2008  | 14:15 | 4.2   | 8.2      | 100        | 6.4  |      |      |      |    |         |     |     |     |      | 13.1 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 10/24/2007 | 13:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 9/11/2007  | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 8/7/2007   | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 7/17/2007  | 12:35 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 6/15/2007  | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 5/15/2007  | 11:00 | 1     | 8.42     | 320        | 8.4  |      |      |      |    |         |     |     |     |      | 10.2 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 4/26/2007  | 14:15 | 1.46  | 8.25     | 210        | 15.6 |      |      |      |    |         |     |     |     |      | 8    |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 10/17/2006 | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 9/19/2006  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 8/10/2006  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 7/21/2006  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 6/13/2006  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 5/26/2006  | 9:45  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 4/17/2006  | 13:20 | 3     | 7.84     | 110        | 8.3  |      |      |      |    |         |     |     |     |      | 13.3 |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 10/17/2005 | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 9/22/2005  | 14:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 8/5/2005   | 15:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 7/25/2005  | 14:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 6/15/2005  | 9:35  | 0.078 | 8.7      | 350        | 12   |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 5/9/2005   | 12:55 | 2.62  | 8.3      | 120        | 12   | 230  | 8.37 | 420  | 2  | 0.08    | 32  | 35  | 260 | 0.01 |      |    |    |    | 51 |    |    | 15.0 |    |    |    |    | 30 |    |     |        |       | 5.8   |      |
| 4/18/2005  | 10:00 | 5.52  | 7.9      | 100        | 6    |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 10/8/2004  | 13:55 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |
| 9/27/2004  | 9:30  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |      |    |    |    |    |    |    |     |        |       |       |      |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: C-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO | Al | As | Cd | Ca | Cu | Pb | Mg | Mn | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |  |
|------------|-------|------|----------|------------|-----|------|----|------|----|---------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|--------|-------|--------|--|
| 8/23/2004  | 10:50 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 7/23/2004  | 11:20 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 6/22/2004  | 9:30  | 0    | 7.32     | 870        | 16  |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 5/20/2004  | 9:55  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 4/14/2004  | 13:50 | 0.43 | 8.78     | 210        | 13  |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 10/13/2003 |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 9/17/2003  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 8/26/2003  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 7/28/2003  | 12:00 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 6/17/2003  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 5/30/2003  | 9:30  | 0.07 | 8.94     | 380        | 18  |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 4/10/2003  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 9/6/2002   |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 7/20/2002  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 6/25/2002  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 12/29/2001 | 9:30  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 11/27/2001 | 9:25  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 10/30/2001 | 10:55 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 9/28/2001  | 9:40  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 8/28/2001  | 10:25 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 7/23/2001  | 9:35  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 6/29/2001  | 10:50 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 5/30/2001  | 11:15 | 24   | 7.6      | 300        | 9   |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 4/26/2001  | 9:40  | 12   | 7.5      | 250        | 7   |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 3/30/2001  | 9:30  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 2/27/2001  | 10:10 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 1/25/2001  | 10:00 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 12/28/2000 | 14:12 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 11/22/2000 | 9:08  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 10/22/2000 | 12:30 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 9/28/2000  | 8:05  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 8/24/2000  | 7:05  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 7/25/2000  | 14:12 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 6/29/2000  | 10:01 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 5/17/2000  | 15:00 | 15   | 7.6      | 310        | 12  |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |
| 4/25/2000  | 8:02  | 24   | 7.5      | 250        | 9   |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     | 0      | 0     |        |  |

## SURFACE WATER LOCATION: C-1

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# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: C-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO | Al   | As     | Cd     | Ca    | Cu     | Pb    | Mg   | Mn    | Hg      | Mo | Se    | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Di- |
|------------|-------|------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|------|----|------|--------|--------|-------|--------|-------|------|-------|---------|----|-------|------|----|-----|--------|-------|--------|
| 1/10/1997  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 12/13/1996 |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 11/19/1996 |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 10/8/1996  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 9/5/1996   |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 8/2/1996   |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 7/16/1996  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 6/5/1996   |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 5/9/1996   |       | 29.6 | 8.8      | 330        | 11  |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 4/8/1996   |       | 15   | 8.8      | 110        | 9   |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 3/4/1996   | 9:26  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 2/5/1996   | 11:06 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 1/4/1996   | 7:59  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 12/5/1995  | 9:02  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 11/2/1995  | 12:54 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 10/2/1995  | 13:23 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 9/6/1995   | 13:59 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 8/2/1995   | 12:55 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 7/10/1995  | 11:50 | 14.3 | 8.5      | 430        | 18  |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 6/7/1995   | 11:05 | 79   | 8.6      | 170        | 10  |      | 7.97 | 220  | 1  | 0.04    |     | 6   | 150 | 0.04 |    | 0.17 | -0.002 | -0.005 | 22.4  | -0.005 | -0.05 | 8.2  | 0.006 | -0.0002 |    | 0.018 | 19.5 |    |     |        | 0     | 0.47   |
| 5/2/1995   | 9:34  | 20   | 8.5      | 110        | 5   |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 4/3/1995   | 11:46 | 28   | 8.5      | 200        | 7   |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 3/13/1995  | 7:37  | 34   | 8.4      | 200        | 4   |      | 8.20 | 240  | 2  | -0.02   |     | 23  | 210 | 0.04 |    | 1.11 | -0.001 | -0.005 | 23.3  | -0.005 | -0.05 | 7.1  | 0.018 | -0.0002 |    | 0.007 | 18.6 |    |     |        | 0     | 1.32   |
| 2/6/1995   | 10:12 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 1/3/1995   | 10:20 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 12/5/1994  | 11:34 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 11/8/1994  | 13:45 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 10/4/1994  | 10:17 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 9/14/1994  | 10:05 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 8/9/1994   | 9:48  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 7/11/1994  | 14:22 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 6/9/1994   | 10:15 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 5/31/1994  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 4/30/1994  | 14:10 |      | 8.6      | 150        | 10  |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |
| 3/31/1994  | 10:58 | 12   | 9.2      | 310        | 17  |      | 7.90 | 316  |    |         |     | 10  | 186 |      |    |      |        | -0.01  | -0.02 |        |       | 0.01 |       |         |    |       |      |    |     |        | 0     | 0.87   |
| 12/21/1993 |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |      |        |        |       |        |       |      |       |         |    |       |      |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: C-1

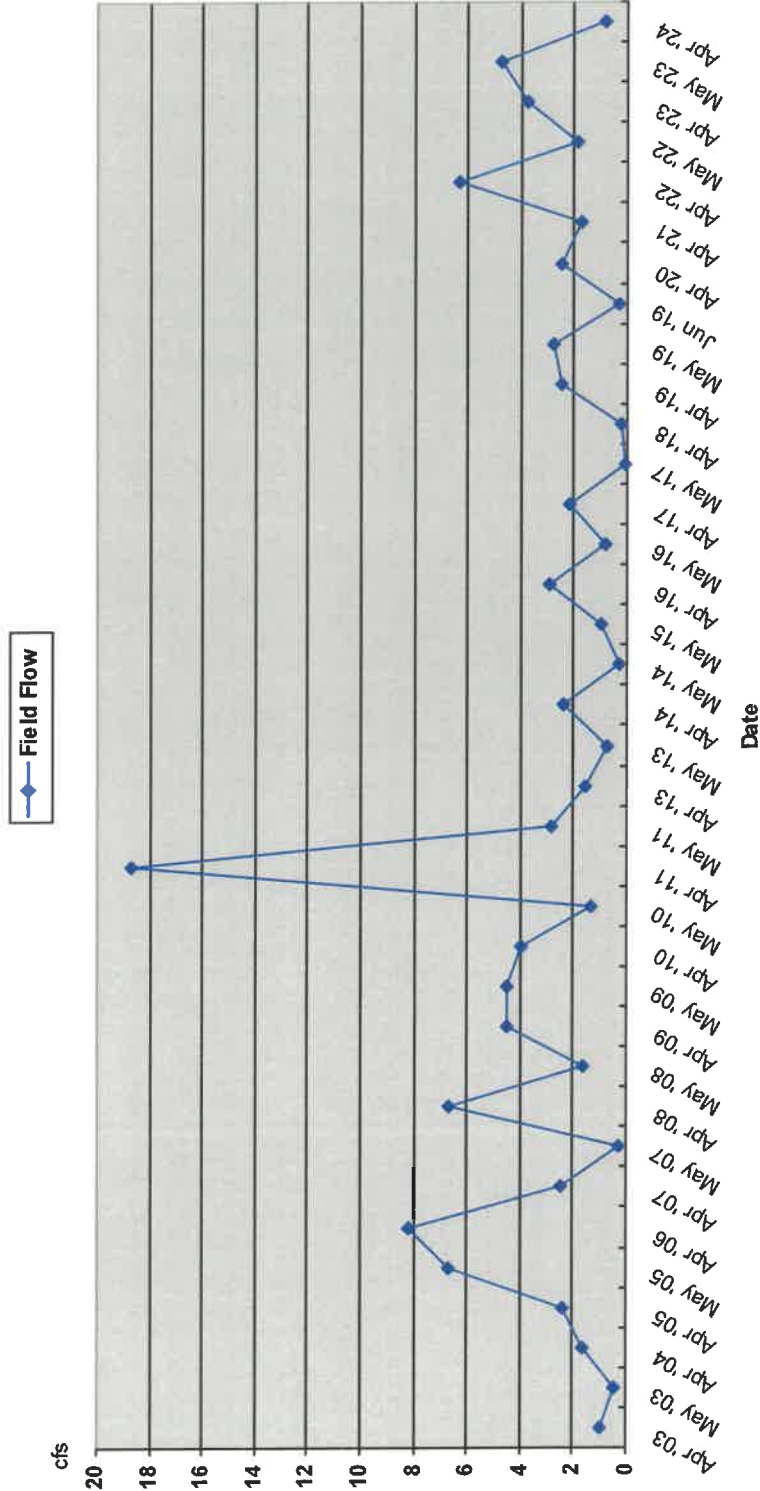
| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO | Al | As | Cd | Ca    | Cu    | Pb | Mg | Mn   | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dia |  |
|------------|-------|------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|-----|----|----|----|----|-------|-------|----|----|------|----|----|----|----|----|-----|--------|-------|--------|--|
| 11/10/1993 |       | 0    |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |       |       |    |    |      |    |    |    |    |    | 0   | 0      |       |        |  |
| 10/29/1993 |       | 0    |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |       |       |    |    |      |    |    |    |    |    | 0   | 0      |       |        |  |
| 9/8/1993   |       | 0    |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |       |       |    |    |      |    |    |    |    |    | 0   | 0      |       |        |  |
| 8/30/1993  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |       |       |    |    |      |    |    |    |    |    | 0   | 0      |       |        |  |
| 7/28/1993  | 9:10  | 0    |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |       |       |    |    |      |    |    |    |    |    | 0   | 0      |       |        |  |
| 7/1/1993   |       | 0    |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |       |       |    |    |      |    |    |    |    |    | 0   | 0      |       |        |  |
| 4/29/1993  | 12:35 | 21   | 8.2      | 80         | 7   | 48   | 8.30 | 91   |    |         |     | 94  | 88  |     |    |    |    |    | -0.01 | -0.02 |    |    | 0.12 |    |    |    |    | 0  | 0   | 0      | 6.8   |        |  |
| 3/19/1993  | 12:28 | 13   | 8.5      | 310        | 8   | 190  | 8.50 | 442  |    |         |     | 62  | 282 |     |    |    |    |    | -0.01 | -0.02 |    |    | 0.03 |    |    |    |    | 0  | 0   | 0      | 1.63  |        |  |
| 2/26/1993  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |       |       |    |    |      |    |    |    |    |    | 0   | 0      |       |        |  |
| 1/30/1993  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |       |       |    |    |      |    |    |    |    |    |     |        |       |        |  |

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## S-1 SANBORN CREEK

# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: S-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: S-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl   | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As | Cd | Cu   | Pb | Mg  | Mn | Hg | Mo | Se | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dis |       |
|------------|-------|------|----------|------------|-----|------|------|------|------|---------|-------|-----|-----|------|------|----|----|----|------|----|-----|----|----|----|----|------|----|-----|--------|-------|--------|-------|
| 10/28/2024 |       | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 9/11/2024  | 15:25 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 8/19/2024  | 14:10 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 7/22/2024  | 12:45 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 6/10/2024  | 14:10 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 5/31/2024  | 10:30 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 4/26/2024  | 9:45  | 0.8  | 7.8      | 257        | 6.5 |      |      |      |      |         |       |     |     |      | 12.6 |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 3/27/2024  | 11:15 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 10/23/2023 | 12:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 9/27/2023  | 12:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 8/24/2023  | 12:25 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 7/17/2023  | 11:15 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 6/22/2023  | 13:40 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 5/22/2023  | 10:15 | 4.7  | 8.8      | 329        | 7.5 | 68.8 | 8.11 | 123  | 7.5  | 0.3     | 10.29 | 14  | 188 | 0.08 | 9.1  |    |    |    | 36.2 |    | 5.7 |    |    |    |    | 16.9 |    |     |        |       | 0.059  | 0.013 |
| 4/21/2023  | 11:45 | 3.75 | 7.1      | 160        | 0.8 |      |      |      |      |         |       |     |     |      | 15.3 |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 10/12/2022 | 14:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 9/8/2022   | 12:30 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 8/12/2022  | 12:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 7/18/2022  | 12:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 6/7/2022   | 9:45  | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 5/9/2022   | 11:30 | 1.9  | 7.6      | 123        | 7.5 | 80   | 8.29 | 150  | 12.5 | 0.3     | 13.58 | 12  | 148 | 0.08 | 11.4 |    |    |    | 35.1 |    | 5.5 |    |    |    |    | 16.6 |    |     |        |       | 0.055  | 0.016 |
| 4/26/2022  | 9:25  | 6.3  | 8        | 108        | 2   |      |      |      |      |         |       |     |     |      | 14.2 |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 10/21/2021 | 13:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 9/20/2021  | 13:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 8/12/2021  | 13:25 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 7/28/2021  | 13:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 6/11/2021  | 13:20 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 5/18/2021  | 12:35 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 4/12/2021  | 11:00 | 1.7  | 7.7      | 19         | 3.8 |      |      |      |      |         |       |     |     |      | 10.3 |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 10/6/2020  | 15:15 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 9/15/2020  | 11:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 8/12/2020  | 12:55 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 7/13/2020  | 14:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 6/2/2020   | 8:45  | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 5/18/2020  | 12:00 | 0    |          |            |     |      |      |      |      |         |       |     |     |      |      |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |
| 4/27/2020  | 9:50  | 2.5  | 7.9      | 180        | 5.8 |      |      |      |      |         |       |     |     |      | 12.8 |    |    |    |      |    |     |    |    |    |    |      |    |     |        |       |        |       |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: S-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond | Cl   | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As | Cd   | Cu   | Pb | Mg  | Mn  | Hg | Mo   | Se   | Na | Zn | Oil | Grasse | Fe-Tr | Fe-Dic |
|------------|-------|------|----------|------------|------|-------|------|------|------|---------|-------|-----|-----|------|------|----|----|------|------|----|-----|-----|----|------|------|----|----|-----|--------|-------|--------|
| 10/17/2019 | 8:15  | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 9/18/2019  | 13:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 8/20/2019  | 8:30  | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 7/10/2019  | 11:55 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 6/7/2019   | 10:00 | 0.3  | 8.5      | 280        | 9.5  |       |      |      |      |         |       |     |     |      | 11.5 |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 5/13/2019  | 12:10 | 2.8  | 8.1      | 190        | 7.6  | 57.69 | 7.84 | 115  | 27.5 | 0.3     | 21.81 | 44  | 396 | 0.08 | 9.5  |    |    |      | 24.1 |    |     | 7.9 |    |      | 26.3 |    | 0  | 0   | 0      | 0.154 | 0.027  |
| 4/12/2019  | 10:15 | 2.5  | 7.7      | 170        | 2.8  |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 10/17/2018 | 12:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 9/14/2018  | 11:15 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 8/27/2018  | 11:15 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 7/11/2018  | 14:40 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 6/22/2018  | 9:00  | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 5/14/2018  | 10:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 4/24/2018  | 12:25 | 0.2  | 8.6      | 360        | 9    |       |      |      |      |         |       |     |     |      | 11.8 |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 10/19/2017 | 11:30 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 9/11/2017  | 10:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 8/6/2017   | 11:30 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 7/18/2017  | 11:30 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 6/6/2017   | 12:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 5/17/2017  | 11:30 | 0.05 | 8.7      | 340        | 7.4  | 71.55 | 8.05 | 158  | 15.3 | 0.3     | 19.88 | 2   | 148 | 0.08 | 11.9 |    |    | 24.3 |      |    | 4.7 |     |    | 21.3 |      | 0  | 0  | 0   | 0.098  | 0.014 |        |
| 4/28/2017  | 8:40  | 2.2  | 9.4      | 230        | 6.4  |       |      |      |      |         |       |     |     |      | 12.9 |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 10/28/2016 | 10:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 9/22/2016  | 11:05 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 8/25/2016  | 10:30 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 7/25/2016  | 10:15 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 6/9/2016   | 9:15  | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 5/23/2016  | 8:30  | 0.83 | 9        | 200        | 7.1  | 87.74 | 7.85 | 174  | 5.76 | 0.3     | 34.82 | 10  | 170 | 0.08 | 9.9  |    |    | 25.9 |      |    | 7.5 |     |    | 22.5 |      | 0  | 0  | 0   | 0.13   | 0.02  |        |
| 4/26/2016  | 9:25  | 2.9  | 8.7      | 100        | 4.7  |       |      |      |      |         |       |     |     |      | 13.9 |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 11/21/2015 | 9:00  | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 10/13/2015 | 12:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 9/18/2015  | 12:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 8/4/2015   | 1:00  | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 7/21/2015  | 12:00 | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 6/17/2015  | 9:00  | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |
| 5/4/2015   | 12:30 | 1    | 8.8      | 240        | 13.6 | 21.53 | 6.79 | 119  | 1.76 | 0.3     | 4.82  | 11  | 97  | 0.08 | 9.8  |    |    | 29   |      |    | 8.8 |     |    | 27.2 |      | 0  | 0  | 0   | 0.13   | 0.02  |        |
| 4/14/2015  | 9:20  | 0    |          |            |      |       |      |      |      |         |       |     |     |      |      |    |    |      |      |    |     |     |    |      |      |    |    | 0   | 0      |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: S-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond  | Cl   | NO3/NO2 | SO4   | TSS | TDS | PO4   | DO   | Al | As | Cd   | Cu   | Pb  | Mg   | Mn | Hg | Mo   | Se   | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |  |
|------------|-------|-------|----------|------------|------|-------|------|-------|------|---------|-------|-----|-----|-------|------|----|----|------|------|-----|------|----|----|------|------|----|----|-----|--------|-------|--------|--|
| 10/31/2014 | 11:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    |    |     | 0      | 0     |        |  |
| 9/10/2014  | 8:00  | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    |    | 0   | 0      | 0     |        |  |
| 8/25/2014  | 8:00  | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 7/8/2014   | 8:30  | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 6/11/2014  | 11:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 5/19/2014  | 13:25 | 0.33  | 8.6      | 110        | 12.1 |       |      |       |      |         |       |     |     |       | 13.4 |    |    |      |      |     |      |    |    |      |      |    |    | 0   | 0      | 0     |        |  |
| 4/9/2014   | 10:40 | 2.4   | 8.7      | 80         | 4    | 24.56 | 6.73 | 117   | 1.76 | 0.3     | 4.18  | 13  | 98  | 0.08  | 9.8  |    |    |      | 17.2 |     | 16.6 |    |    |      | 9.17 |    |    | 0   | 0      | 0.66  | 0.02   |  |
| 10/18/2013 | 10:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 9/6/2013   | 10:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 8/18/2013  | 10:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 7/18/2013  | 13:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 6/5/2013   | 13:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 5/6/2013   | 11:40 | 0.75  | 8.4      | 90         | 9.6  |       | 6.99 | 322   |      |         |       | 11  | 250 |       | 9.8  |    |    |      |      |     |      |    |    |      |      |    |    | 0   | 0      | 0     |        |  |
| 4/22/2013  | 12:20 | 1.6   | 8.4      | 100        | 6.8  | 38.22 |      |       | 2.48 | 0.3     | 4.43  |     |     | 0.08  | 13.3 |    |    | 27.8 |      | 8.4 |      |    |    |      | 59   |    |    | 0   | 0      | 1.14  | 0.12   |  |
| 10/10/2012 | 14:30 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 9/6/2012   | 13:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 8/2/2012   | 11:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 7/30/2012  | 11:15 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 6/13/2012  | 10:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 6/8/2012   | 13:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 5/9/2012   | 12:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 4/23/2012  | 13:10 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 10/7/2011  | 14:30 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 9/6/2011   | 15:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 8/15/2011  | 14:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 7/28/2011  | 13:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 6/14/2011  | 13:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 5/23/2011  | 14:00 | 2.82  | 8.7      | 100        | 10.5 |       |      |       |      |         |       |     |     |       | 13.1 |    |    |      |      |     |      |    |    |      |      |    |    | 0   | 0      | 0     |        |  |
| 4/19/2011  | 10:30 | 18.75 | 9.6      | 50         | 2.8  | 48.6  | 7.18 | 97    | 21.6 | 0.71    | 60.37 | 58  | 124 | 0.081 | 8.3  |    |    | 4.18 |      | 3.7 |      |    |    | 4.69 |      |    | 0  | 0   | 1.33   | 0.46  |        |  |
| 10/27/2010 | 12:45 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 9/27/2010  | 1:00  | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 8/5/2010   | 12:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 7/15/2010  | 1:00  | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 6/4/2010   | 12:00 | 0     |          |            |      |       |      |       |      |         |       |     |     |       |      |    |    |      |      |     |      |    |    |      |      |    | 0  | 0   | 0      | 0     |        |  |
| 5/18/2010  | 10:20 | 1.33  | 10.1     | 140        | 9.4  | 74.11 | 7.79 | 170.1 | 21.8 | 0.89    | 25.93 | 32  | 145 | 0.082 | 8.2  |    |    | 13.6 |      | 5.2 |      |    |    | 7.38 |      |    | 0  | 0   | 0      | 0.11  | 0.08   |  |
| 4/22/2010  | 12:30 | 4     | 9.6      | 80         | 5.1  |       |      |       |      |         |       |     |     |       | 14.4 |    |    |      |      |     |      |    |    |      |      |    |    | 0   | 0      | 0     |        |  |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: S-1

| Date       | Time  | Flow | Field pH | Field Cond | Temp | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca | Cu | Pb | Mg  | Mn | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|------|------|------|------|----|---------|-----|-----|-----|------|------|----|----|----|----|----|----|-----|----|----|----|----|----|----|-----|--------|-------|--------|
| 10/12/2009 | 12:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/25/2009  | 12:10 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/5/2009   | 12:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 7/17/2009  | 12:45 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 6/22/2009  | 9:00  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 5/6/2009   | 8:40  | 4.5  | 7.8      | 90         | 4.7  | 75   | 7.85 | 110  | 1  | 0.03    | 5   | 5   | 98  | 0.01 | 14.3 |    |    |    | 14 |    |    | 4.9 |    |    |    |    | 5  |    |     |        | 0.68  | 0.04   |
| 4/29/2009  | 10:10 | 4.5  | 8.5      | 90         | 3.9  |      |      |      |    |         |     |     |     |      | 13.6 |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 10/15/2008 | 9:00  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/11/2008  | 11:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/5/2008   | 12:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 7/29/2008  | 9:00  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 6/18/2008  | 9:45  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 5/23/2008  | 10:20 | 1.98 | 8.3      | 140        | 6.4  |      |      |      |    |         |     |     |     |      | 6    |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 4/18/2008  | 14:00 | 6.66 | 8.3      | 90         | 4.7  |      |      |      |    |         |     |     |     |      | 11.4 |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 10/24/2007 | 13:30 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/11/2007  | 10:00 |      |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/17/2007  | 10:00 |      |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 7/17/2007  | 10:00 |      |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 6/15/2007  | 10:00 |      |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 5/15/2007  | 10:45 | 0.31 | 7.88     | 220        | 10.5 |      |      |      |    |         |     |     |     |      | 11   |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 4/26/2007  | 14:30 | 2.5  | 8        | 150        | 8.6  |      |      |      |    |         |     |     |     |      | 12.1 |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 9/27/2006  | 10:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/10/2006  | 10:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 7/21/2006  | 10:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 6/13/2006  | 10:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 5/26/2006  | 8:40  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 4/17/2006  | 13:00 | 8.16 | 8.16     | 80         | 6.9  |      |      |      |    |         |     |     |     |      | 14.1 |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 10/17/2005 | 10:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 9/22/2005  | 1:00  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/30/2005  | 12:00 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 8/5/2005   | 9:15  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 7/25/2005  | 2:00  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 6/15/2005  | 9:15  | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 5/9/2005   | 12:45 | 6.72 | 8.2      | 100        | 12   |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 4/18/2005  | 9:45  | 2.37 | 8.24     | 80         | 4    |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |
| 10/8/2004  | 16:15 | 0    |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |    |    |    |     |    |    |    |    |    |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: S-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO | Al | As | Cd | Ca | Cu | Pb | Mg | Mn | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|-----|------|----|------|----|---------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|--------|-------|--------|
| 8/27/2004  | 8:20  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/23/2004  | 11:00 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/23/2004  | 11:50 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 6/22/2004  | 8:15  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/20/2004  | 8:50  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/14/2004  | 13:40 | 1.89 | 8.33     | 110        | 9   |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/13/2003 | 12:00 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/17/2003  | 12:00 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/26/2003  | 12:00 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/28/2003  | 12:00 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 6/17/2003  | 12:00 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/13/2003  | 12:10 | 0.43 | 8.53     | 740        | 8   |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/10/2003  | 13:00 | 1    | 8.88     | 140        | 8   |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/24/2002 |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 9/6/2002   |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/14/2002  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/20/2002  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 6/23/2002  |       | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 12/28/2001 | 8:15  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 12/29/2001 | 8:30  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/27/2001 | 8:10  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/30/2001 | 8:40  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/28/2001  | 8:25  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/28/2001  | 8:10  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/23/2001  | 8:20  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 6/29/2001  | 8:35  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/30/2001  | 10:00 | 120  | 7.4      | 220        | 9   |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/28/2001  | 8:25  | 3582 | 7.5      | 210        | 7   |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 3/30/2001  | 8:15  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 2/27/2001  | 8:55  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 1/25/2001  | 8:45  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 12/28/2000 | 11:14 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/23/2000 | 8:24  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/20/2000 | 12:02 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/28/2000  | 8:05  | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/24/2000  | 10:24 | 0    |          |            |     |      |    |      |    |         |     |     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: S-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO | Al   | As    | Cd    | Ca   | Cu    | Pb   | Mg  | Mn    | Hg     | Mo   | Se    | Na   | Zn    | Oil | Grease | Fe-Tr | Fe-Dis |  |
|------------|-------|-------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|------|----|------|-------|-------|------|-------|------|-----|-------|--------|------|-------|------|-------|-----|--------|-------|--------|--|
| 7/24/2000  | 8:00  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 6/28/2000  | 12:18 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 5/17/2000  | 9:53  | 200   | 7.4      | 180        | 12  |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 4/25/2000  | 10:24 | 7542  | 7.6      | 210        | 10  |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 3/28/2000  | 9:04  | 5428  | 7.5      | 200        | 7   | 143  | 7.73 | 275  | 1  | 0.08    | 17  | 5   | 171 | 0.05 |    | 0.36 | 0.002 | 0.005 | 24.6 | 0.036 | 0.05 | 7.9 | 0.005 | 0.0002 | 0.05 | 0.002 | 17.7 | 0.03  |     |        | 0.28  |        |  |
| 2/18/2000  | 13:14 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 1/25/2000  | 14:11 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 12/22/1999 | 7:10  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 11/24/1999 | 8:12  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 10/28/1999 | 8:22  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 9/23/1999  | 7:26  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 8/17/1999  | 8:15  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 7/26/1999  | 7:15  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 6/29/1999  | 7:29  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 5/25/1999  | 8:07  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 4/21/1999  | 10:47 | 4987  | 8        | 90         | 7   |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 3/30/1999  | 12:00 | 7585  | 8.5      | 80         | 7   | 117  | 7.32 | 217  | 2  | 0.02    | 14  | 5   | 181 | 0.04 | 0  | 0.78 | 0.002 | 0.005 | 20.5 | 0.007 | 0.05 | 7.7 | 0.022 | 0.0002 | 0.05 | 0.002 | 15.3 | 0.034 |     |        | 0.91  |        |  |
| 2/10/1999  | 8:55  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 1/29/1999  | 7:59  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 12/30/1998 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 11/30/1998 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 10/7/1998  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 9/30/1998  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 8/19/1998  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 7/27/1998  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 6/2/1998   |       | 32.8  | 8.2      | 300        | 14  | 181  | 8.21 | 326  | 3  | 0.14    | 21  | 10  | 201 | 0.05 |    | 0.03 | 0.002 | 0.005 | 16.8 | 0.005 | 0.05 | 5.9 | 0.005 | 0.0002 | 0.05 | 0.002 | 8.8  | 0.005 |     |        | 0.07  |        |  |
| 5/28/1998  |       | 69    | 8        | 90         | 11  |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 4/20/1998  |       | 2019  | 8        | 100        | 10  |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 3/23/1998  |       | 950.8 | 7.3      | 190        | 7   | 124  | 7.75 | 242  | 2  | 0.05    | 14  | 5   | 170 | 0.06 |    | 1.49 | 0.003 | 0.005 | 24   | 0.005 | 0.05 | 8.7 | 0.01  | 0.0002 | 0.05 | 0.002 | 15.3 | 0.005 |     |        | 0.88  |        |  |
| 2/6/1998   |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 1/20/1998  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 9/11/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 8/21/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 7/29/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 6/23/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |
| 5/23/1997  |       | 294   | 8        | 90         | 8   |      |      |      |    |         |     |     |     |      |    |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |  |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: S-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO | Al    | As     | Cd     | Ca   | Cu     | Pb    | Mg  | Mn    | Hg      | Mo     | Se   | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|------|----|-------|--------|--------|------|--------|-------|-----|-------|---------|--------|------|----|----|-----|--------|-------|--------|
| 4/7/1997   | 2806  | 8.1  | 100      | 5          |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 3/17/1997  | 11781 | 8.2  | 100      | 6          |     |      | 7.41 | 148  | 2  | 0.12    | 4   | 9   | 140 | 0.06 |    | 0.53  | 0.002  | -0.005 | 14.6 | 0.024  | -0.05 | 5.4 | 0.013 | -0.0002 | -0.002 | 7.1  |    |    |     |        |       | 0.5    |
| 2/27/1997  | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 1/10/1997  | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 12/3/1996  | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 11/14/1996 | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 10/8/1996  | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 9/5/1996   | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 8/16/1996  | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 7/3/1996   | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 6/3/1996   | 0     |      |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 5/6/1996   | 590   | 8.5  | 90       | 9          |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 4/6/1996   | 6320  | 9.5  | 80       | 5          |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 3/4/1996   | 8.56  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 2/5/1996   | 8.29  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 1/3/1996   | 12.23 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 12/4/1995  | 8.22  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 11/2/1995  | 12.29 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 10/2/1995  | 11.42 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 9/5/1995   | 12.47 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 8/2/1995   | 12.31 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 7/10/1995  | 10.24 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 6/7/1995   | 9.14  |      |          |            |     |      | 7.77 | 180  | 1  | -0.02   |     | 9   | 120 | 0.03 |    | 0.33  | -0.002 | -0.005 | 18.1 | -0.005 | -0.05 | 8.2 | 0.009 | -0.0002 | 0.019  | 9.5  |    |    |     |        |       | 0.7    |
| 6/7/1995   | 8.14  | 2410 | 8.4      | 100        | 7   |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 5/1/1995   | 10.07 | 5065 | 8.6      | 90         | 4   |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 4/3/1995   | 10.26 | 180  | 8.4      | 150        | 4   |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 3/13/1995  | 8.54  |      |          |            |     |      | 8.18 | 250  | 2  | 0.03    |     | -5  | 160 | 0.04 |    | -0.02 | -0.001 | -0.005 | 23.2 | 0.005  | -0.05 | 7.3 | 0.005 | -0.0002 | 0.003  | 14.4 |    |    |     |        |       | 0.19   |
| 3/13/1995  | 9.54  | 145  | 8.5      | 230        | 5   |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 3/7/1995   | 11:57 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 2/6/1995   | 9:29  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 1/3/1995   | 8:16  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 12/5/1994  | 10:56 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 11/8/1994  | 9:50  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 10/4/1994  | 9:02  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 8/14/1994  | 8:42  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |
| 8/9/1994   | 12:13 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |    |       |        |        |      |        |       |     |       |         |        |      |    |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

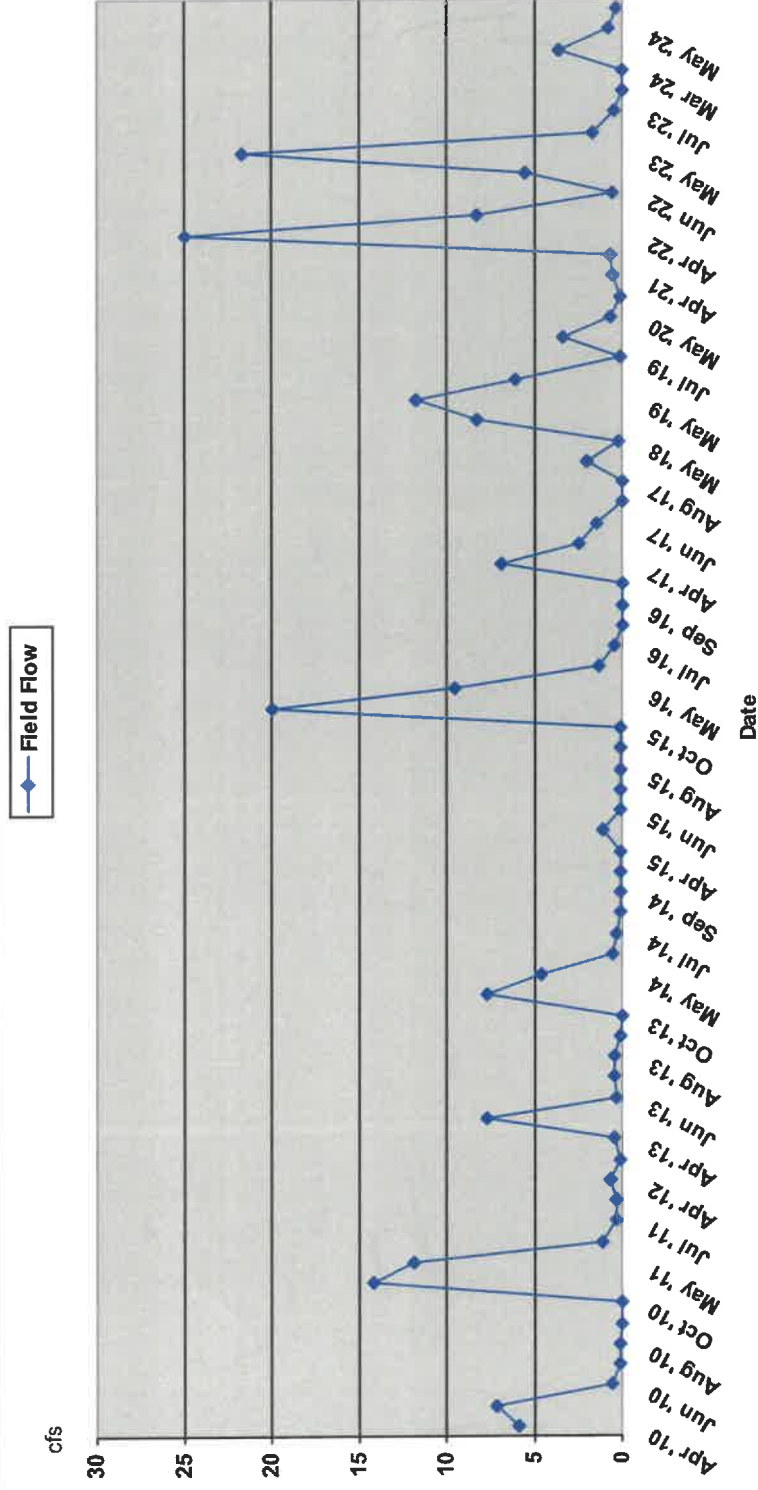
SURFACE WATER LOCATION: S-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO | Al | As | Cd | Ca | Cu    | Pb    | Mg | Mn   | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dls |  |
|------------|-------|-------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|-----|----|----|----|----|----|-------|-------|----|------|----|----|----|----|----|-----|--------|-------|--------|--|
| 7/11/1994  | 13:28 | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 6/9/1994   | 9:24  | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 5/31/1994  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 4/30/1994  | 14:15 | 1200  | 8.6      | 130        | 10  | 74   | 8.10 | 148  |    |         |     | 4   | 106 |     |    |    |    |    |    | -0.01 | -0.02 |    | 0.01 |    |    |    |    |    |     |        |       | 0.82   |  |
| 3/31/1994  | 8:39  | 95    | 8.4      | 170        | 10  | 90   | 8.00 | 242  |    |         |     | 4   | 150 |     |    |    |    |    |    | 0.01  | -0.02 |    | 0.01 |    |    |    |    |    |     |        |       | 0.28   |  |
| 12/21/1993 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 11/10/1993 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 10/29/1993 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 9/8/1993   |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 8/30/1993  | 13:45 | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 7/28/1993  | 8:20  | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 7/1/1993   |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 4/29/1993  | 11:50 | 20882 | 8.3      | 70         | 6   | 48   | 8.10 | 95   |    |         |     | 68  | 92  |     |    |    |    |    |    | -0.01 | -0.02 |    | 0.08 |    |    |    |    |    |     |        |       | 1.97   |  |
| 3/19/1993  | 12:15 | 1000  | 8.4      | 220        | 7   | 154  | 8.40 | 328  |    |         |     | -2  | 210 |     |    |    |    |    |    | -0.01 | -0.02 |    | 0.01 |    |    |    |    |    |     |        |       | 0.02   |  |
| 2/26/1993  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |
| 1/30/1993  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |      |    |    |    |    |    |     |        |       |        |  |

## E-1 LOWER ELK CREEK

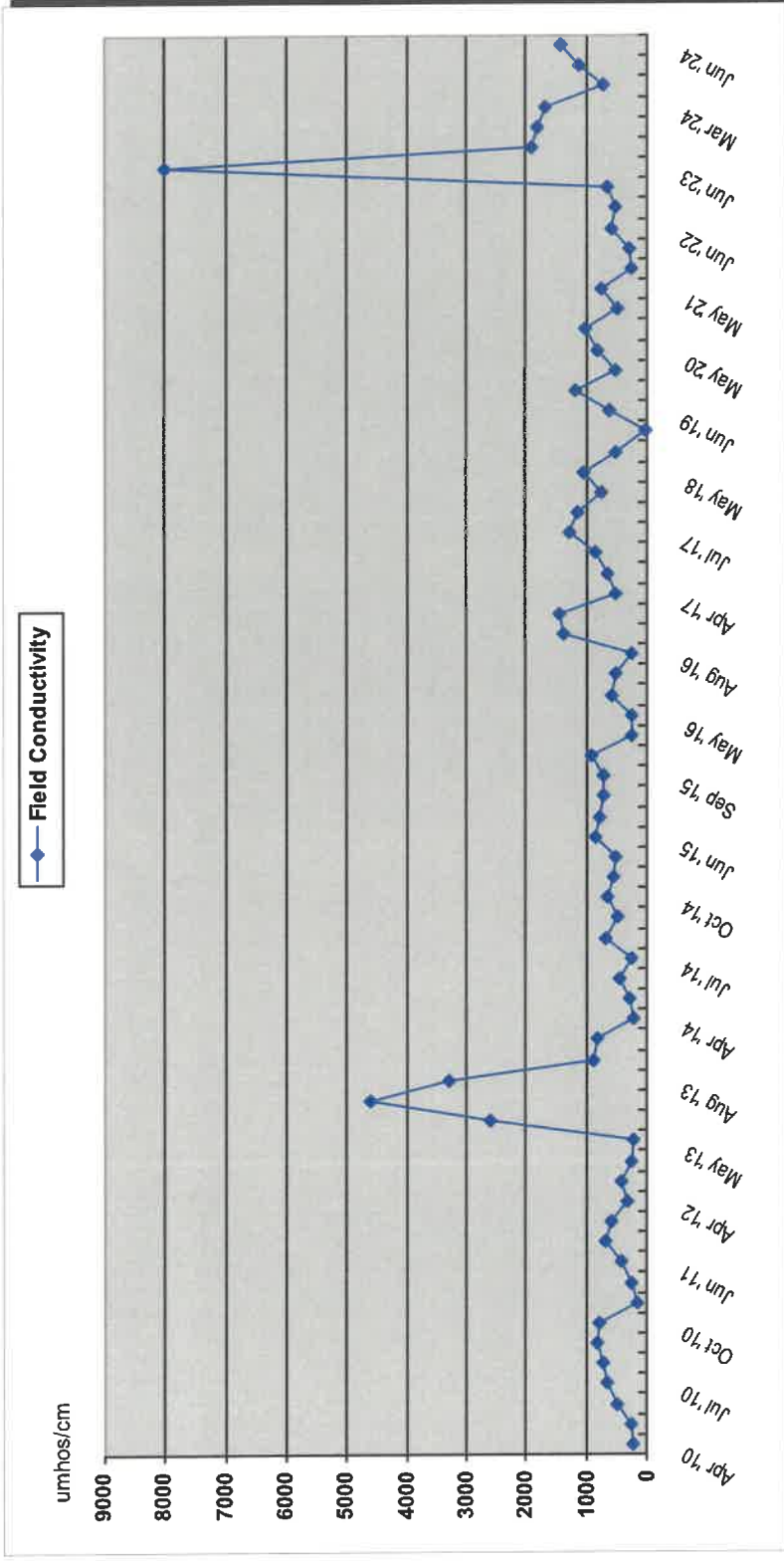
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-1



# MONITORING CHART FOR 2024 AHR

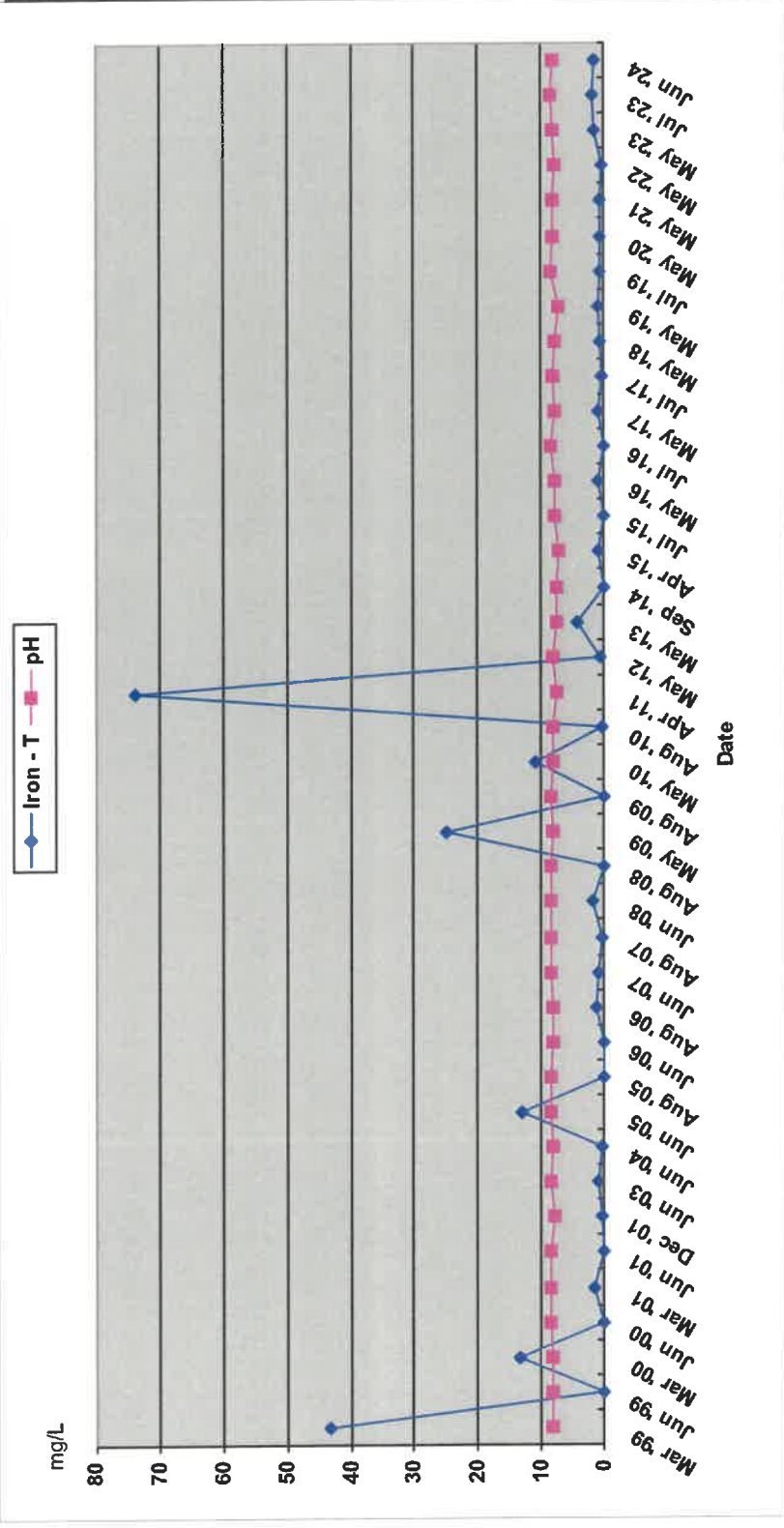
SURFACE WATER LOCATION: E-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

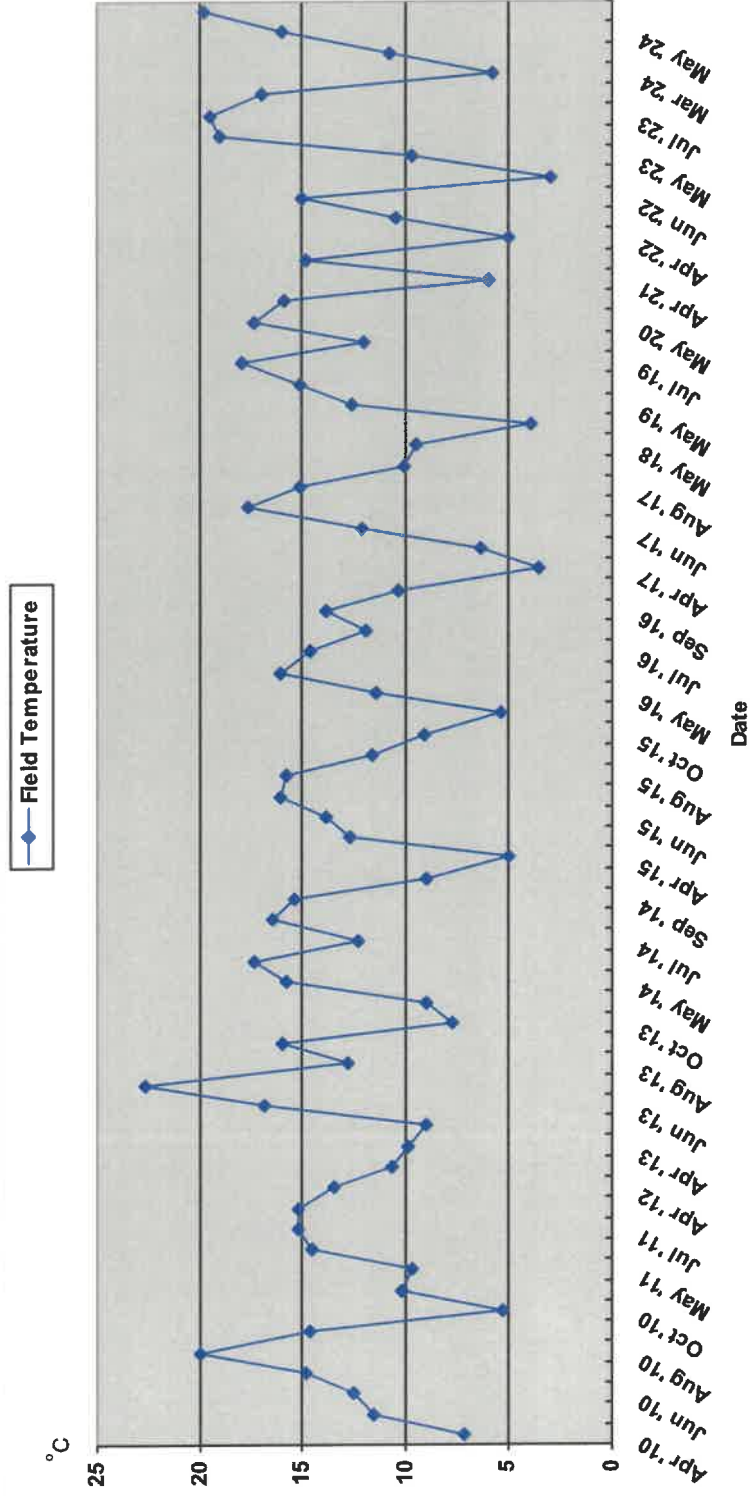
SURFACE WATER LOCATION: E-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

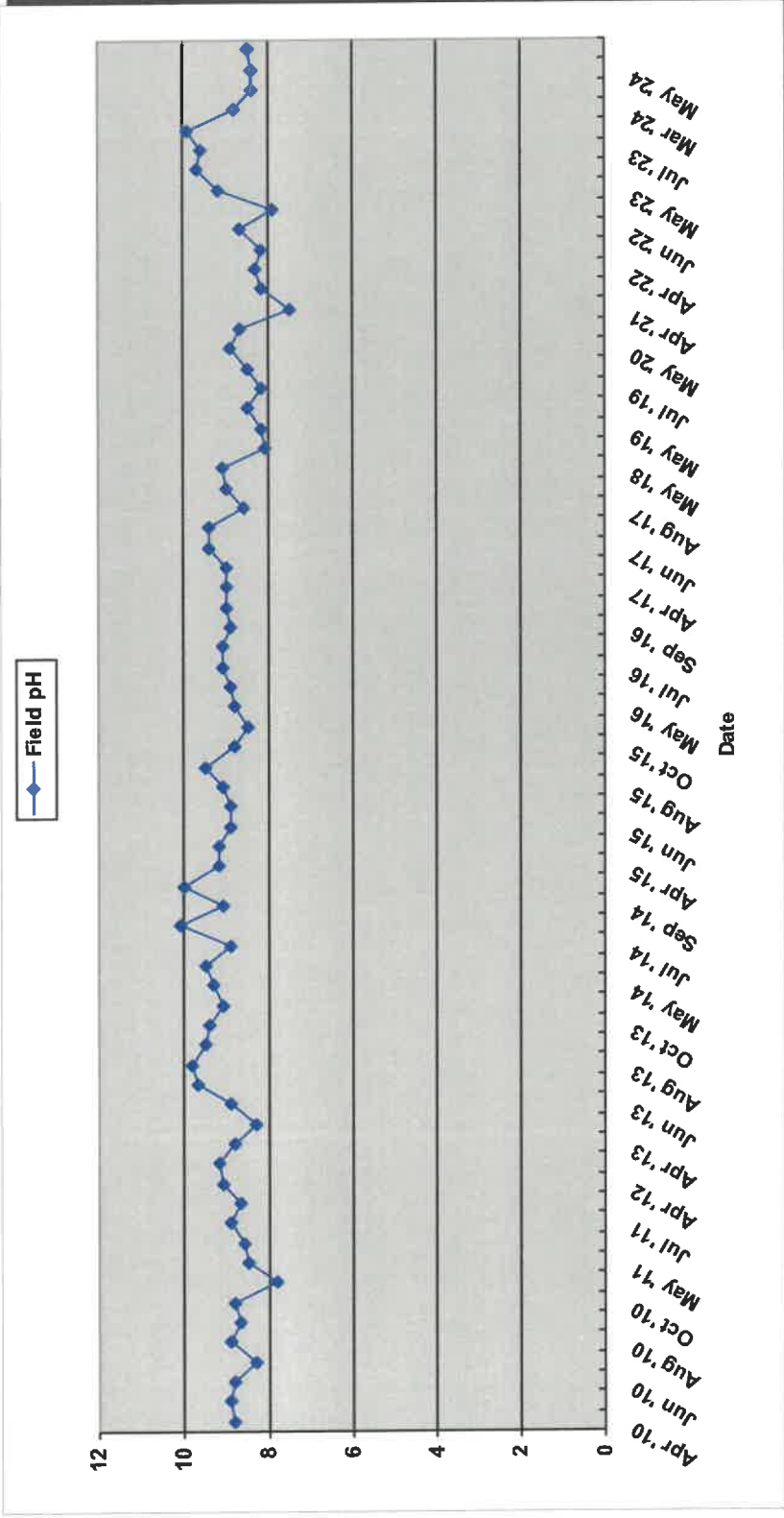
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-1



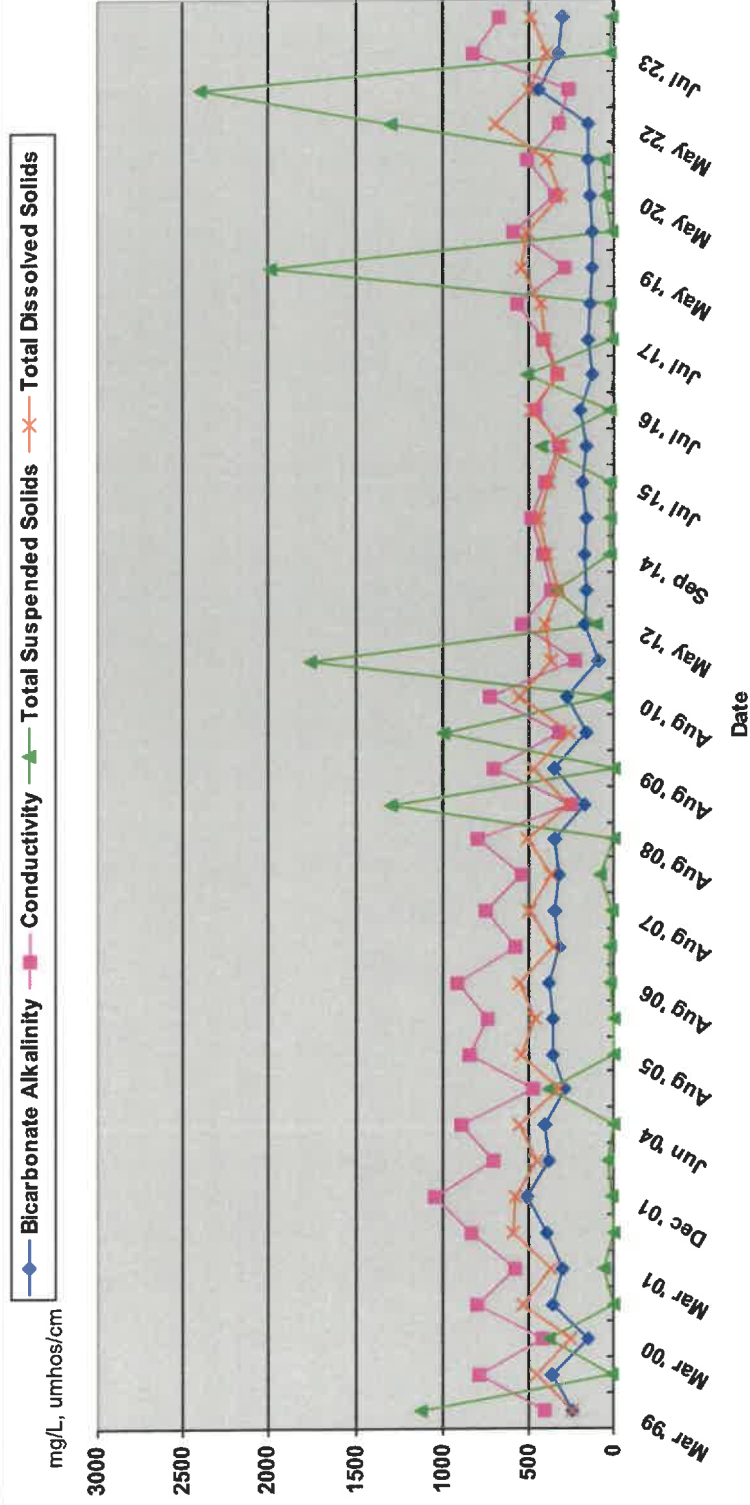
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-1



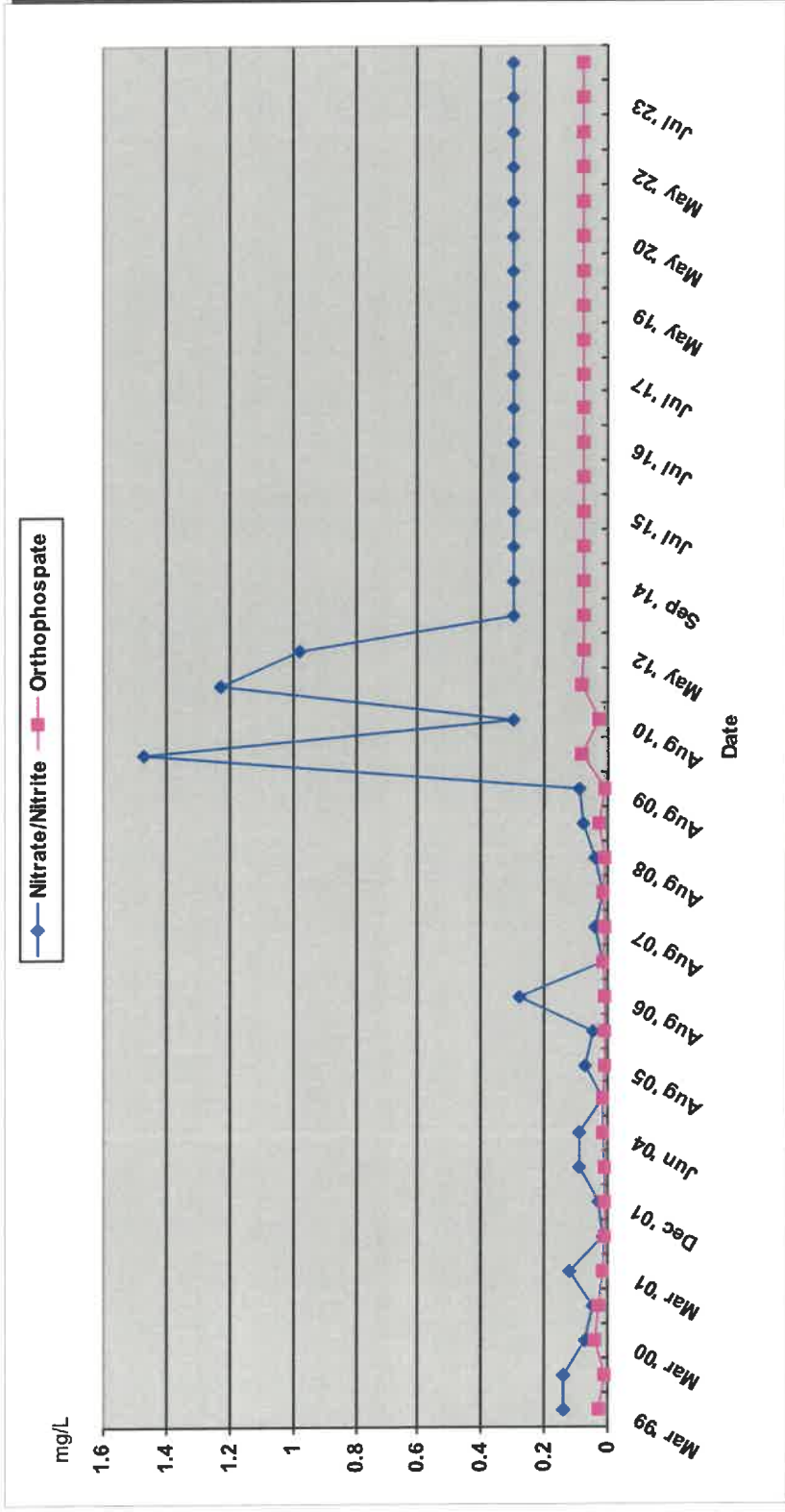
# MONITORING CHART FOR 2024 AHR

## SURFACE WATER LOCATION: E-1



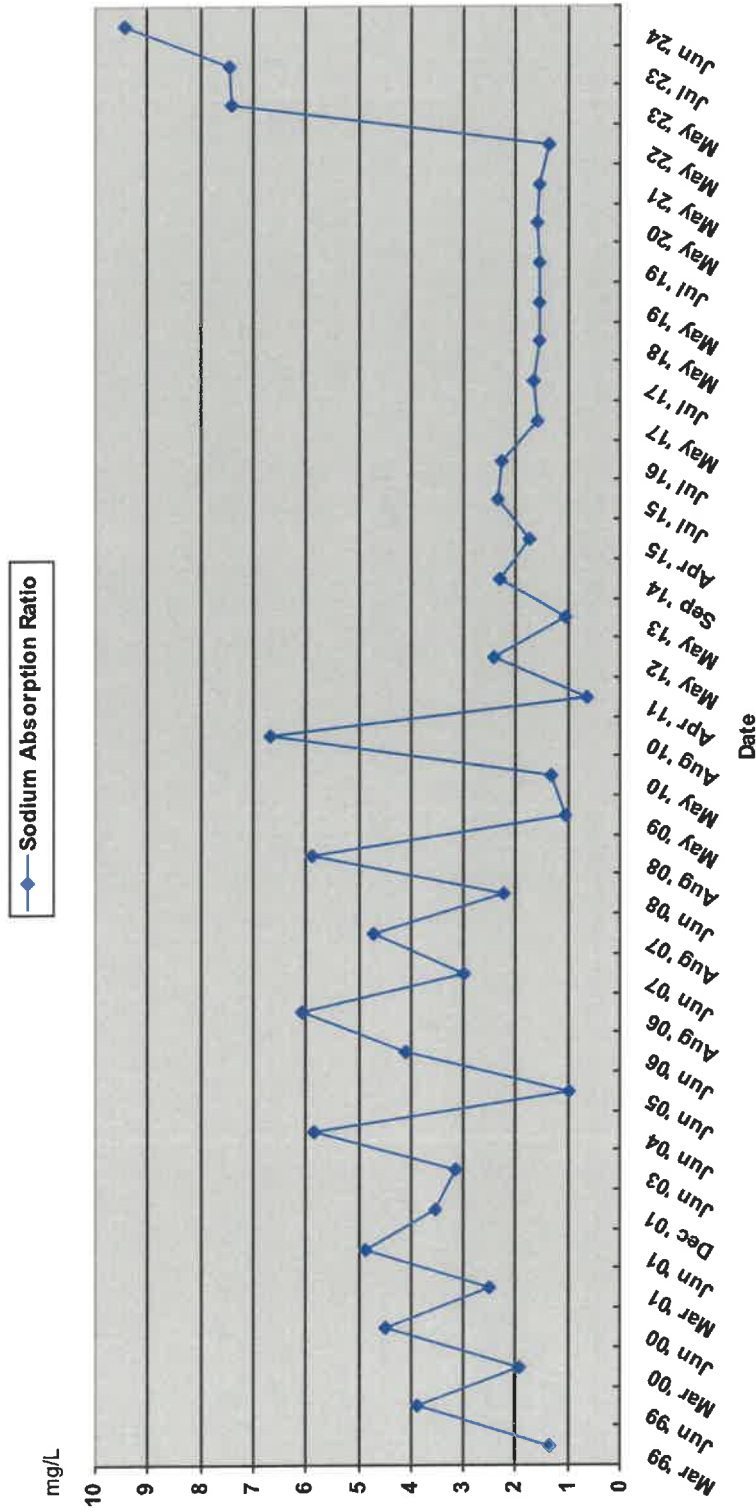
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-1



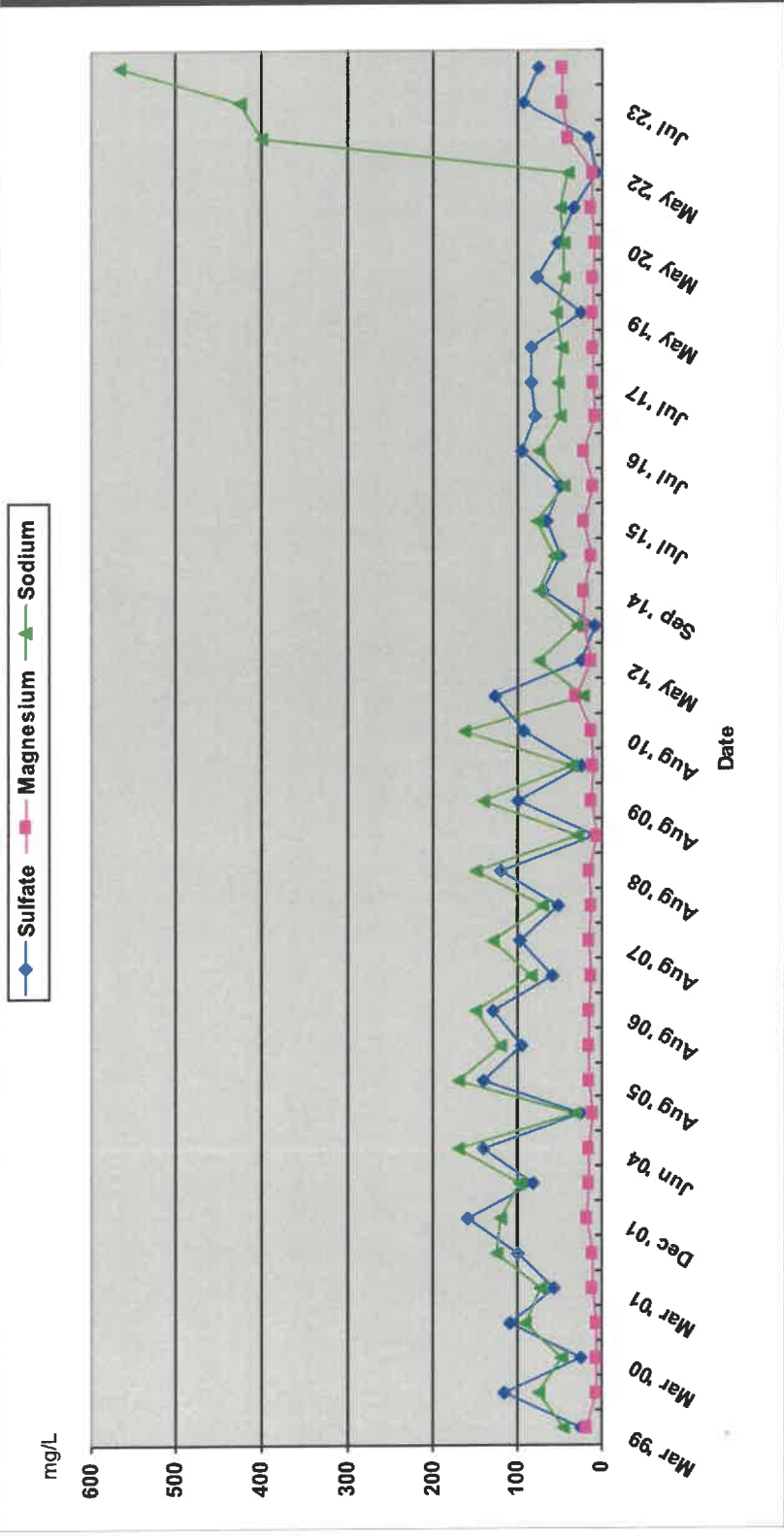
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-1



# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-1

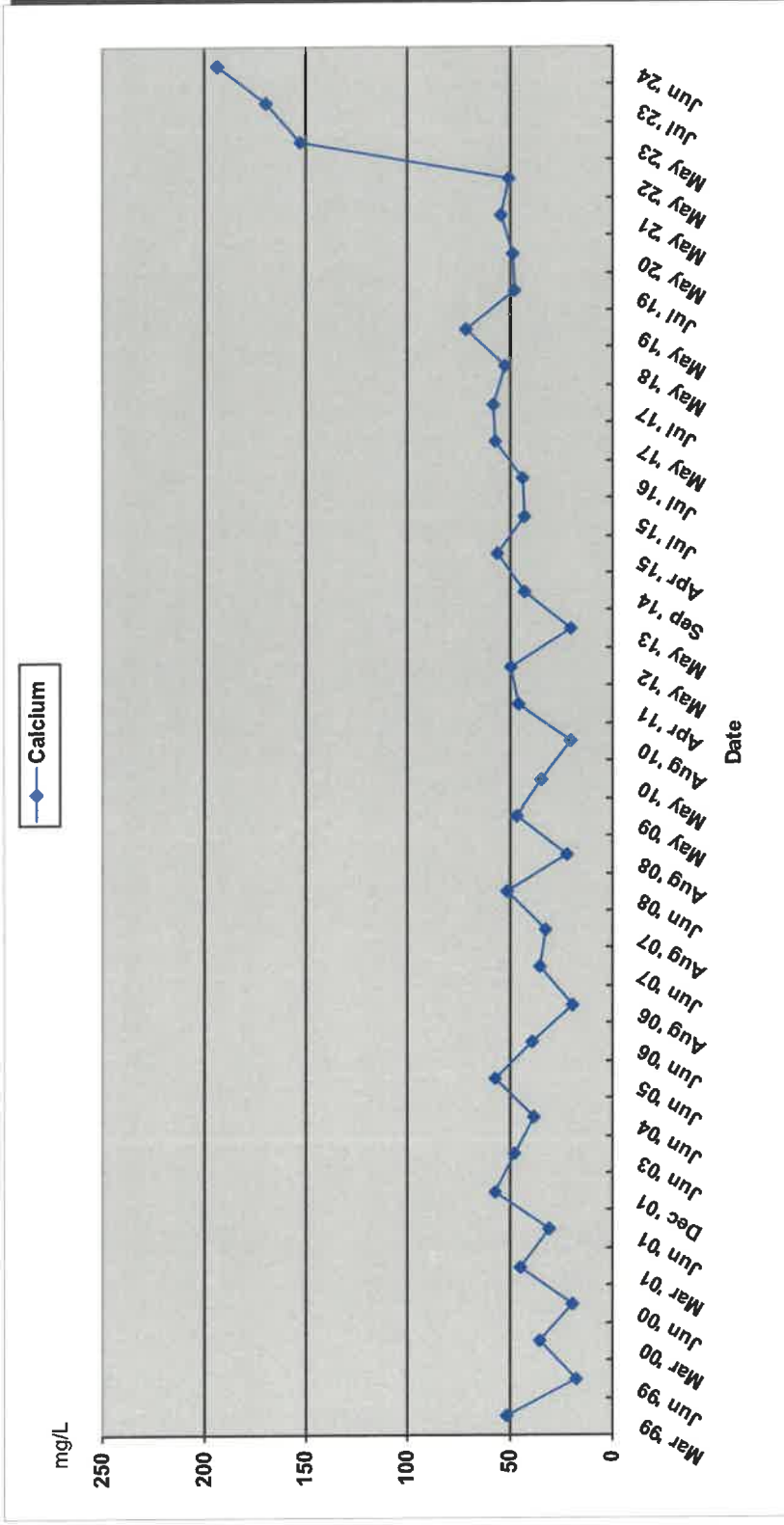


Oxbow Mining, LLC., Elk Creek Mine

Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

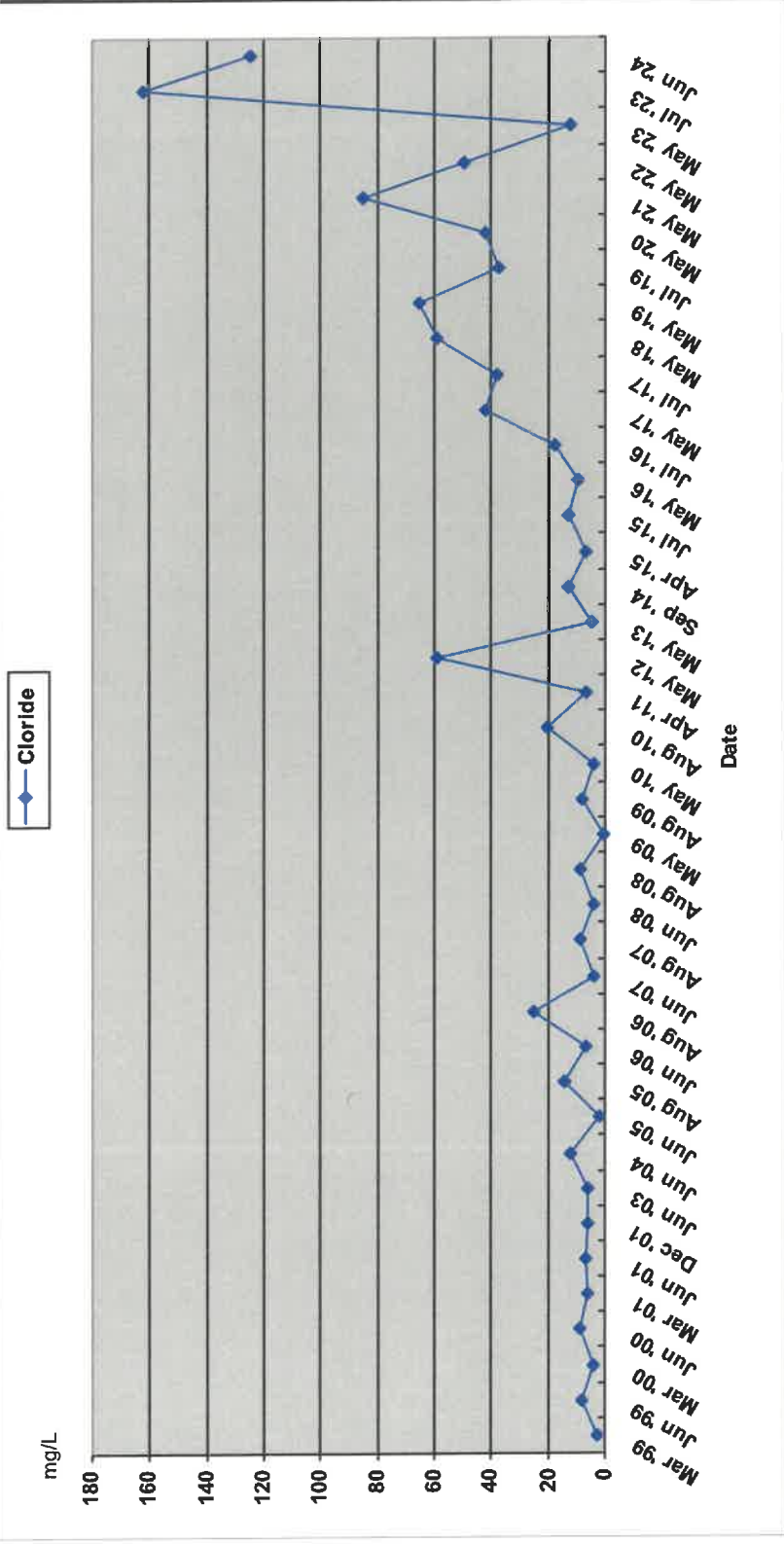
SURFACE WATER LOCATION: E-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

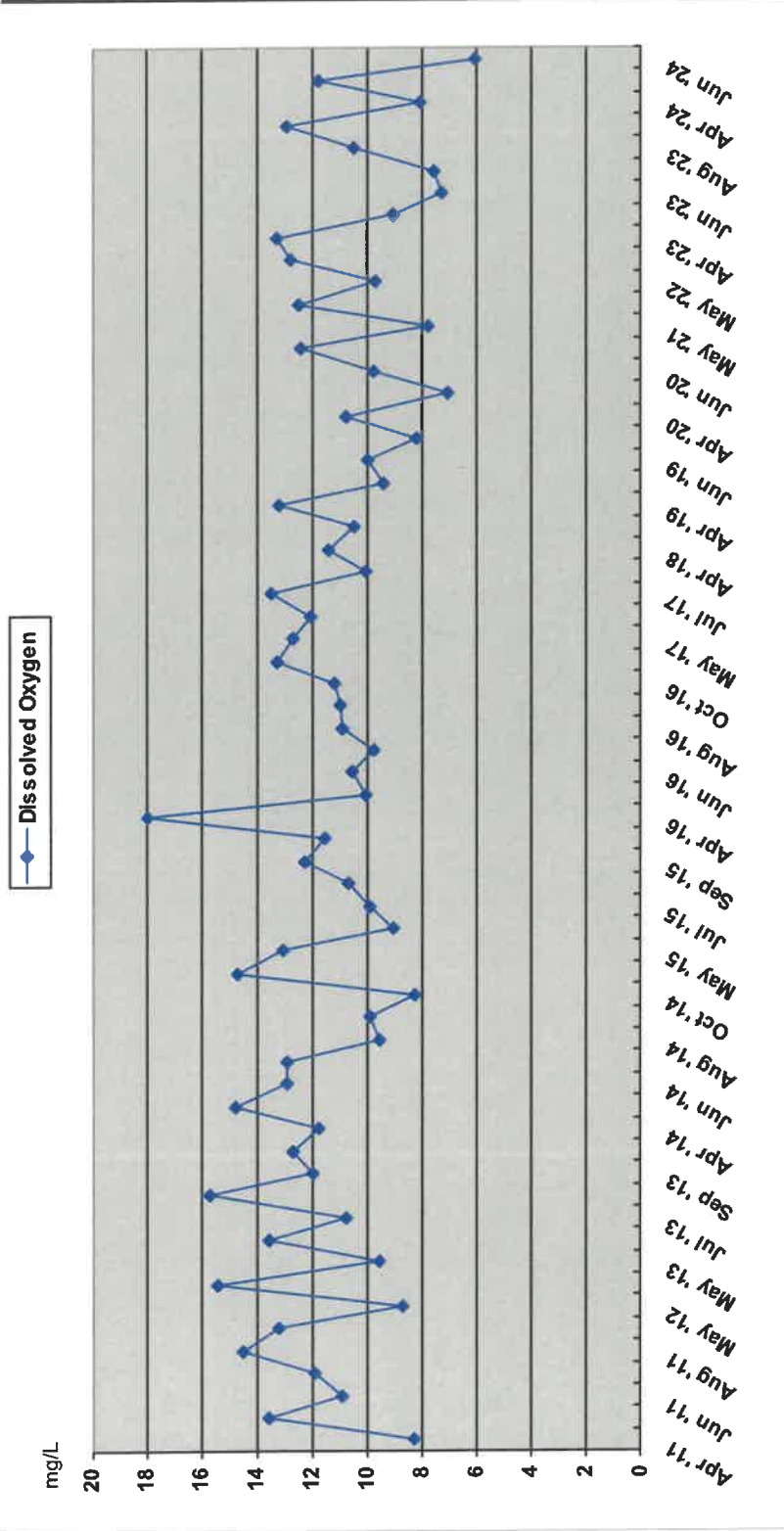
SURFACE WATER LOCATION: E-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-1



# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: E-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond | Cl     | NO3/NO2 | SO4   | TSS  | TDS | PO4  | DO   | Al | As | Cd | Ca    | Cu | Pb | Mg   | Mn | Hg | Mo | Se | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|----------|------------|------|-------|------|------|--------|---------|-------|------|-----|------|------|----|----|----|-------|----|----|------|----|----|----|----|-------|----|-----|--------|-------|--------|
| 10/29/2024 |       | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/11/2024  | 15:30 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/19/2024  | 15:55 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/22/2024  | 14:45 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 6/10/2024  | 13:40 | 0.3  | 8.5      | 1434       | 19.8 | 305.6 | 8.35 | 667  | 124.96 | 0.3     | 75.32 | 6.1  | 488 | 0.08 | 6.1  |    |    |    | 193.4 |    |    | 47.3 |    |    |    |    | 585.2 |    |     |        | 1.397 | 0.486  |
| 5/31/2024  | 12:30 | 0.84 | 8.4      | 1112       | 16   |       |      |      |        |         |       |      |     |      | 11.8 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 4/26/2024  | 0:15  | 3.7  | 8.4      | 737        | 10.8 |       |      |      |        |         |       |      |     |      | 8.1  |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 3/27/2024  | 13:45 | 0.05 | 8.8      | 1692       | 5.8  |       |      |      |        |         |       |      |     |      | 12.9 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 10/23/2023 | 12:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/27/2023  | 12:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/24/2023  | 13:06 | 0.01 | 9.9      | 1802       | 17   |       |      |      |        |         |       |      |     |      | 10.5 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/17/2023  | 16:31 | 0.42 | 9.6      | 1919       | 19.5 | 326.4 | 8.57 | 825  | 162.45 | 0.3     | 92.61 | 22   | 398 | 0.08 | 7.6  |    |    |    | 169.6 |    |    | 46.7 |    |    |    |    | 423.9 |    |     |        | 1.89  | 0.674  |
| 6/22/2023  | 13:30 | 1.7  | 9.7      | 8000       | 19   |       |      |      |        |         |       |      |     |      | 7.3  |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 5/22/2023  | 12:00 | 21.7 | 9.2      | 650        | 9.7  | 437.6 | 8.13 | 265  | 12.5   | 0.3     | 15.64 | 2393 | 493 | 0.08 | 9.1  |    |    |    | 152.7 |    |    | 41.4 |    |    |    |    | 400.8 |    |     |        | 1.456 | 0.532  |
| 4/21/2023  | 14:00 | 5.6  | 7.9      | 531        | 3    |       |      |      |        |         |       |      |     |      | 13.3 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 10/12/2022 | 14:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/8/2022   | 14:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/12/2022  | 12:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/18/2022  | 12:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 6/7/2022   | 13:05 | 0.6  | 8.7      | 605        | 15   |       |      |      |        |         |       |      |     |      | 12.8 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 5/9/2022   | 14:10 | 8.3  | 8.2      | 300        | 10.5 | 148   | 7.95 | 325  | 49.99  | 0.3     | 5.76  | 1300 | 695 | 0.08 | 9.7  |    |    |    | 50.5  |    |    | 10.7 |    |    |    |    | 41.3  |    |     |        | 0.378 | 0.101  |
| 4/26/2022  | 12:05 | 25   | 8.3      | 261        | 5    |       |      |      |        |         |       |      |     |      | 12.5 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 10/21/2021 | 14:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/20/2021  | 14:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/12/2021  | 14:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/26/2021  | 15:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 6/11/2021  | 13:10 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 5/18/2021  | 13:00 | 0.7  | 8.2      | 760        | 14.8 | 148   | 8.08 | 514  | 84.97  | 0.3     | 33.75 | 62   | 394 | 0.08 | 7.8  |    |    |    | 54.5  |    |    | 13.5 |    |    |    |    | 49.7  |    |     |        | 0.504 | 0.113  |
| 4/12/2021  | 13:20 | 0.6  | 7.5      | 480        | 6    |       |      |      |        |         |       |      |     |      | 12.4 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 10/6/2020  | 13:45 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/15/2020  | 13:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/12/2020  | 14:45 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/12/2020  | 15:45 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 6/20/2020  | 12:00 | 0.1  | 8.7      | 1030       | 15.9 |       |      |      |        |         |       |      |     |      | 9.8  |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 5/18/2020  | 14:25 | 0.65 | 8.9      | 810        | 17.3 | 137   | 8.09 | 353  | 42.49  | 0.3     | 53.22 | 50   | 318 | 0.08 | 7.1  |    |    |    | 49.3  |    |    | 9.0  |    |    |    |    | 45.9  |    |     |        | 0.845 | 0.113  |
| 4/27/2020  | 13:35 | 3.4  | 8.5      | 520        | 12   |       |      |      |        |         |       |      |     |      | 10.8 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: E-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3   | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS  | TDS | PO4  | DO   | Al | As | Cd   | Cu   | Pb   | Mg   | Mn | Hg | Mo | Se   | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dls |  |
|------------|-------|------|----------|------------|------|--------|------|------|-------|---------|-------|------|-----|------|------|----|----|------|------|------|------|----|----|----|------|------|----|-----|--------|-------|--------|--|
| 10/17/2019 | 9:45  | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      |    |     | 0      | 0     |        |  |
| 9/18/2019  | 14:30 | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      |    | 0   | 0      | 0     |        |  |
| 8/20/2019  | 14:00 | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 7/10/2019  | 14:00 | 0.09 | 8.2      | 1200       | 17.9 | 126.3  | 8.50 | 586  | 37.72 | 0.3     | 76.7  | 12   | 504 | 0.08 | 8.2  |    |    |      | 48.5 |      | 11.5 |    |    |    |      | 46.3 |    | 0   | 0      | 0.725 | 0.131  |  |
| 6/7/2019   | 13:15 | 6.2  | 8.5      | 610        | 15.1 |        |      |      |       |         |       |      |     |      | 10   |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 5/13/2019  | 14:35 | 11.7 | 8.2      | 40         | 12.6 | 130    | 7.44 | 294  | 65.33 | 0.3     | 25.52 | 1990 | 550 | 0.08 | 9.4  |    |    | 71.8 |      | 11.9 |      |    |    |    | 53.5 |      | 0  | 0   | 0.841  | 0.167 |        |  |
| 4/12/2019  | 12:30 | 8.3  | 8.1      | 540        | 4    |        |      |      |       |         |       |      |     |      | 13.2 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 10/17/2018 | 12:00 | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 9/14/2018  | 11:45 | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 8/27/2018  | 12:00 | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 7/11/2018  | 14:40 | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 6/22/2018  | 11:20 | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 5/14/2018  | 12:45 | 0.22 | 9.1      | 1050       | 9.5  | 143.58 | 7.90 | 564  | 59.53 | 0.3     | 83.55 | 20   | 434 | 0.08 | 10.5 |    |    | 53.1 |      | 10.6 |      |    |    |    |      | 47.6 |    | 0   | 0      | 0.678 | 0.128  |  |
| 4/24/2018  | 12:05 | 2.1  | 9        | 770        | 10.1 |        |      |      |       |         |       |      |     |      | 11.4 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 10/19/2017 | 11:40 | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      |    |     |        |       |        |  |
| 9/11/2017  | 9:00  | 0    |          |            |      |        |      |      |       |         |       |      |     |      |      |    |    |      |      |      |      |    |    |    |      |      |    |     |        |       |        |  |
| 8/8/2017   | 13:10 | 0.03 | 8.6      | 1170       | 15.1 |        |      |      |       |         |       |      |     |      | 10.1 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 7/18/2017  | 13:15 | 0.04 | 9.4      | 1270       | 17.6 | 149.35 | 8.29 | 421  | 38.13 | 0.3     | 84.79 | 12   | 402 | 0.08 | 13.5 |    |    | 58.3 |      | 10.5 |      |    |    |    |      | 52.4 |    | 0   | 0      | 0.358 | 0.103  |  |
| 6/6/2017   | 12:30 | 1.5  | 9.4      | 870        | 12.1 |        |      |      |       |         |       |      |     |      | 12.1 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 5/17/2017  | 11:45 | 2.5  | 9        | 650        | 6.4  | 129.93 | 7.96 | 339  | 42.4  | 0.3     | 80.67 | 510  | 320 | 0.08 | 12.7 |    |    | 57.1 |      | 10.2 |      |    |    |    |      | 50.3 |    | 0   | 0      | 0.987 | 0.155  |  |
| 4/28/2017  | 11:34 | 7    | 9        | 540        | 3.6  |        |      |      |       |         |       |      |     |      | 13.3 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 10/28/2016 | 12:15 | 0.01 | 9        | 1450       | 10.4 |        |      |      |       |         |       |      |     |      | 11.2 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 9/22/2016  | 12:30 | 0.02 | 8.9      | 1370       | 13.9 |        |      |      |       |         |       |      |     |      | 11   |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 8/25/2016  | 13:20 | 0.01 | 9.1      | 250        | 11.9 |        |      |      |       |         |       |      |     |      | 10.9 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 7/25/2016  | 12:40 | 0.5  | 9.1      | 540        | 14.6 | 196.54 | 8.63 | 466  | 17.73 | 0.3     | 95.49 | 18   | 486 | 0.08 | 9.8  |    |    | 44.2 |      | 21.9 |      |    |    |    |      | 74.2 |    | 0   | 0      | 0.092 | 0.019  |  |
| 6/9/2016   | 13:15 | 1.4  | 8.9      | 600        | 16.1 |        |      |      |       |         |       |      |     |      | 10.6 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 5/23/2016  | 12:45 | 9.6  | 8.8      | 260        | 11.4 | 165.18 | 7.91 | 324  | 9.45  | 0.3     | 50.17 | 423  | 306 | 0.08 | 10.1 |    |    |      |      | 10.3 |      |    |    |    |      | 44.9 |    | 0   | 0      | 0.847 | 0.164  |  |
| 4/26/2016  | 8:30  | 20   | 8.5      | 280        | 5.4  |        |      |      |       |         |       |      |     |      | 18   |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 10/21/2015 | 9:00  | 0.1  | 8.8      | 910        | 9.1  |        |      |      |       |         |       |      |     |      | 11.6 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 9/22/2015  | 11:00 | 0.1  | 9.5      | 730        | 11.6 |        |      |      |       |         |       |      |     |      | 12.3 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 8/4/2015   | 1:30  | 0.15 | 9.1      | 740        | 15.8 |        |      |      |       |         |       |      |     |      | 10.7 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 7/21/2015  | 14:20 | 0.15 | 8.9      | 790        | 16.1 | 183.14 | 8.02 | 404  | 12.76 | 0.3     | 85.43 | 22   | 388 | 0.08 | 9.9  |    |    | 43.6 |      | 22.3 |      |    |    |    |      | 76.9 |    | 0   | 0      | 0.103 | 0.035  |  |
| 6/17/2015  | 13:30 | 0.1  | 8.9      | 850        | 13.9 |        |      |      |       |         |       |      |     |      | 9.1  |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 5/4/2015   | 14:15 | 1.1  | 9.2      | 540        | 12.7 |        |      |      |       |         |       |      |     |      | 13.1 |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |
| 4/14/2015  | 11:30 | 0.1  | 9.2      | 550        | 5    | 163.4  | 7.28 | 486  | 6.76  | 0.3     | 49.39 | 24   | 438 | 0.08 | 14.7 |    |    | 56.4 |      | 13.6 |      |    |    |    |      | 55.8 |    | 0   | 0      | 1.01  | 0.13   |  |
| 10/31/2014 | 11:45 | 0.1  | 10       | 660        | 9    |        |      |      |       |         |       |      |     |      | 8.3  |    |    |      |      |      |      |    |    |    |      |      | 0  | 0   | 0      |       |        |  |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: E-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3   | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS  | TDS | PO4   | DO   | Al | As | Cd    | Cu | Pb   | Mg   | Hg | Mo | Se    | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dis |      |
|------------|-------|-------|----------|------------|------|--------|------|------|-------|---------|-------|------|-----|-------|------|----|----|-------|----|------|------|----|----|-------|------|----|-----|--------|-------|--------|------|
| 9/10/2014  | 10:40 | 0.1   | 9.1      | 510        | 15.4 | 177.3  | 7.69 | 420  | 12.76 | 0.3     | 69.97 | 25   | 394 | 0.08  | 9.9  |    |    |       | 43 |      | 21.8 |    |    |       | 74.8 | 0  | 0   | 0      | 0     | 0.11   | 0.04 |
| 8/25/2014  | 14:45 | 0.1   | 10.1     | 690        | 16.5 |        |      |      |       |         |       |      |     |       | 9.6  |    |    |       |    |      |      |    |    |       |      | 0  | 0   | 0      |       |        |      |
| 7/8/2014   | 11:00 | 0.3   | 8.9      | 260        | 12.3 |        |      |      |       |         |       |      |     |       | 12.9 |    |    |       |    |      |      |    |    |       |      | 0  | 0   | 0      |       |        |      |
| 6/11/2014  | 15:00 | 0.56  | 9.5      | 460        | 17.3 |        |      |      |       |         |       |      |     |       | 12.9 |    |    |       |    |      |      |    |    |       |      | 0  | 0   | 0      |       |        |      |
| 5/19/2014  | 14:45 | 4.65  | 9.3      | 290        | 15.8 |        |      |      |       |         |       |      |     |       | 14.8 |    |    |       |    |      |      |    |    |       | 0    | 0  | 0   | 0      | 0     |        |      |
| 4/8/2014   | 13:45 | 7.8   | 9.1      | 240        | 9    |        |      |      |       |         |       |      |     |       | 11.8 |    |    |       |    |      |      |    |    |       | 0    | 0  | 0   | 0      | 0     |        |      |
| 10/18/2013 | 14:40 | 0.045 | 9.4      | 820        | 7.8  |        |      |      |       |         |       |      |     |       | 12.7 |    |    |       |    |      |      |    |    |       | 0    | 0  | 0   | 0      | 0     |        |      |
| 9/9/2013   | 13:30 | 0.08  | 9.5      | 900        | 16   |        |      |      |       |         |       |      |     |       | 12   |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 8/16/2013  | 12:50 | 0.5   | 9.8      | 3300       | 12.8 |        |      |      |       |         |       |      |     |       | 15.7 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 7/18/2013  | 14:30 | 0.5   | 9.7      | 4600       | 22.7 |        |      |      |       |         |       |      |     |       | 10.8 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 6/5/2013   | 2:30  | 0.37  | 8.9      | 2600       | 16.9 |        |      |      |       |         |       |      |     |       | 13.6 |    |    |       |    |      |      |    |    |       | 0    | 0  | 0   | 0      | 0     |        |      |
| 5/6/2013   | 13:45 | 7.8   | 8.3      | 240        | 9    | 166.19 | 7.57 | 371  | 4.84  | 0.3     | 8.43  | 340  | 320 | 0.08  | 9.6  |    |    | 21.2  |    | 21.6 |      |    |    | 29.62 | 0    | 0  | 0   | 0      | 4.25  | 0.06   |      |
| 4/22/2013  | 14:50 | 0.5   | 8.8      | 250        | 9.9  |        |      |      |       |         |       |      |     |       | 15.4 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 10/10/2012 | 13:00 | 0     |          |            |      |        |      |      |       |         |       |      |     |       |      |    |    |       |    |      |      |    |    |       | 0    | 0  | 0   | 0      | 0     |        |      |
| 9/6/2012   | 12:00 | 0     |          |            |      |        |      |      |       |         |       |      |     |       |      |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 8/2/2012   | 12:00 | 0     |          |            |      |        |      |      |       |         |       |      |     |       |      |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 7/30/2012  | 13:30 | 0     |          |            |      |        |      |      |       |         |       |      |     |       |      |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 6/13/2012  | 12:00 | 0     |          |            |      |        |      |      |       |         |       |      |     |       |      |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 5/9/2012   | 14:15 | 0.06  | 9.2      | 420        | 10.7 | 177.3  | 8.28 | 542  | 59.56 | 0.98    | 24.88 | 100  | 408 | 0.08  | 8.7  |    |    | 49.8  |    | 13.4 |      |    |    | 74.6  | 0    | 0  | 0   | 0      | 0.68  | 0.06   |      |
| 4/23/2012  | 15:00 | 0.73  | 9.1      | 340        | 13.5 |        |      |      |       |         |       |      |     |       | 13.2 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 10/18/2011 | 12:00 | 0     |          |            |      |        |      |      |       |         |       |      |     |       |      |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 9/8/2011   | 12:00 | 0     |          |            |      |        |      |      |       |         |       |      |     |       |      |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 8/15/2011  | 12:00 | 0.3   | 8.7      | 580        | 15.2 |        |      |      |       |         |       |      |     |       | 14.5 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 7/26/2011  | 12:00 | 0.3   | 8.9      | 680        | 15.2 |        |      |      |       |         |       |      |     |       | 11.9 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 6/14/2011  | 14:15 | 1.12  | 8.6      | 430        | 14.5 |        |      |      |       |         |       |      |     |       | 10.9 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 5/23/2011  | 15:00 | 11.9  | 8.5      | 250        | 9.7  |        |      |      |       |         |       |      |     |       | 13.6 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 4/29/2011  | 8:00  | 14.2  | 7.8      | 170        | 10.2 | 95.5   | 7.68 | 232  | 6.52  | 1.23    | 127.6 | 1766 | 370 | 0.084 | 8.3  |    |    | 46.2  |    | 32.2 |      |    |    | 23.21 | 0    | 0  | 0   | 74     | 0.08  |        |      |
| 10/27/2010 | 14:00 | 0.01  | 8.8      | 790        | 5.3  |        |      |      |       |         |       |      |     |       | 16.8 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 9/27/2010  | 15:00 | 0.01  | 8.7      | 840        | 14.6 |        |      |      |       |         |       |      |     |       | 10.2 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 8/5/2010   | 12:30 | 0.1   | 8.9      | 720        | 20   | 272.85 | 8.30 | 735  | 20.42 | 0.3     | 93.43 | 50   | 558 | 0.028 | 12.5 |    |    | 21.05 |    | 14.8 |      |    |    | 164   | 0    | 0  | 0   | 0      | 0.19  | 0.01   |      |
| 7/15/2010  | 13:30 | 0.1   | 8.3      | 650        | 14.8 |        |      |      |       |         |       |      |     |       | 13.6 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 6/4/2010   | 14:30 | 0.6   | 8.8      | 500        | 12.5 |        |      |      |       |         |       |      |     |       | 11.3 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 5/18/2010  | 13:50 | 7.14  | 8.9      | 260        | 11.5 | 158.31 | 8.19 | 327  | 4.36  | 1.47    | 25.11 | 1000 | 270 | 0.086 | 8.3  |    |    | 35.3  |    | 12.2 |      |    |    | 35.8  | 0    | 0  | 0   | 0      | 11.09 | 0.04   |      |
| 4/22/2010  | 13:45 | 5.9   | 8.8      | 230        | 7.2  |        |      |      |       |         |       |      |     |       | 14.3 |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 10/12/2009 | 1:00  | 0     |          |            |      |        |      |      |       |         |       |      |     |       |      |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |
| 9/25/2009  | 2:00  | 0.1   | 7.9      | 800        | 15.9 |        |      |      |       |         |       |      |     |       | 9    |    |    |       |    |      |      |    |    | 0     | 0    | 0  | 0   | 0      | 0     |        |      |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: E-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS  | TDS | PO4  | DO   | Al | As | Cd | Ca | Cu | Pb | Mg   | Mn | Hg | Mo | Se | Na  | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|-------|----------|------------|------|------|------|------|----|---------|-----|------|-----|------|------|----|----|----|----|----|----|------|----|----|----|----|-----|----|-----|--------|-------|--------|
| 8/6/2009   | 2:30  | 0.1   | 8.6      | 630        | 16   | 350  | 8.60 | 710  | 8  | 0.09    | 100 | 5    | 480 | 0.01 | 9    |    |    |    |    |    |    | 14.0 |    |    |    |    | 140 | 0  | 0   | 0      | 0.05  | 0.01   |
| 7/7/2009   | 3:20  | 0.1   | 7.8      | 690        | 21.4 |      |      |      |    |         |     |      |     |      | 13.8 |    |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   | 0      |       |        |
| 6/22/2009  | 11:15 | 4.05  | 8        | 510        | 13.8 |      |      |      |    |         |     |      |     |      | 13.3 |    |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   | 0      |       |        |
| 5/6/2009   | 11:30 | 11    | 7.9      | 210        | 7.4  | 170  | 8.18 | 250  | 1  | 0.08    | 10  | 1300 | 270 | 0.03 | 16.6 |    |    |    | 47 |    |    | 6.2  |    |    |    |    | 29  | 0  | 0   | 0      | 25    | 0.02   |
| 4/29/2009  | 9:15  | 11    | 8.8      | 220        | 3.2  |      |      |      |    |         |     |      |     |      | 14.7 |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 10/15/2008 | 15:30 | 0     |          |            |      |      |      |      |    |         |     |      |     |      |      |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 9/11/2008  | 14:30 | 0.1   | 7.8      | 780        | 15.7 |      |      |      |    |         |     |      |     |      | 7.8  |    |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   | 0      |       |        |
| 8/5/2008   | 14:40 | 0.1   | 8.6      | 630        | 16.3 | 350  | 8.59 | 800  | 9  | 0.04    | 120 | 5    | 510 | 0.01 | 7.8  |    |    |    | 23 |    |    | 16.0 |    |    |    |    | 150 | 0  | 0   | 0      | 0.08  | 0.01   |
| 7/29/2008  | 15:30 | 0.1   | 9.7      | 750        | 22   |      |      |      |    |         |     |      |     |      | 9.4  |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 6/18/2008  | 14:20 | 1.84  | 8.9      | 460        | 15.7 | 320  | 8.37 | 550  | 4  | 0.02    | 53  | 85   | 370 | 0.02 | 11.8 |    |    |    | 52 |    |    | 13.0 |    |    |    |    | 70  | 0  | 0   | 0      | 1.9   | 0.01   |
| 5/23/2008  | 14:20 | 7.7   | 8.4      | 320        | 15   |      |      |      |    |         |     |      |     |      | 6.7  |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 4/21/2008  | 13:15 | 22.7  | 8.5      | 200        | 9    |      |      |      |    |         |     |      |     |      | 14.7 |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 10/24/2007 | 15:05 | 0.4   | 9.15     | 520        | 9    |      |      |      |    |         |     |      |     |      | 8.9  |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 9/11/2007  | 3:00  | 0     | 9.19     | 750        | 15.6 |      |      |      |    |         |     |      |     |      | 3    |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 8/7/2007   | 14:30 | 0.4   | 9.1      | 650        | 18.9 | 350  | 8.40 | 750  | 9  | 0.04    | 98  | 7    | 500 | 0.01 | 8.7  |    |    |    | 33 |    |    | 15.0 |    |    |    |    | 130 | 0  | 0   | 0      | 0.3   | 0.01   |
| 7/17/2007  | 3:45  | 0.04  | 8.7      | 720        | 23.8 |      |      |      |    |         |     |      |     |      | 6.3  |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 6/15/2007  | 15:10 | 0.4   | 8.86     | 480        | 18.6 | 320  | 8.39 | 580  | 4  | 0.02    | 58  | 27   | 360 | 0.02 | 7.9  |    |    |    | 36 |    |    | 13.0 |    |    |    |    | 83  | 0  | 0   | 0      | 0.89  | 0.01   |
| 5/15/2007  | 15:30 | 1.28  | 8.4      | 500        | 8.1  |      |      |      |    |         |     |      |     |      | 10.2 |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 4/30/2007  | 13:30 | 8.6   | 8.38     | 380        | 15.1 |      |      |      |    |         |     |      |     |      | 9.6  |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 10/17/2006 | 13:00 | 2.9   | 8.51     | 530        | 6.9  |      |      |      |    |         |     |      |     |      | 5.3  |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 9/27/2006  | 1:15  | 0     | 8.96     | 720        | 10   |      |      |      |    |         |     |      |     |      | 11.2 |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 8/10/2006  | 10:00 | 2.84  | 9.74     | 820        | 16   | 380  | 8.33 | 910  | 25 | 0.28    | 130 | 23   | 560 | 0.01 | 6.7  |    |    |    | 20 |    |    | 16.0 |    |    |    |    | 150 | 0  | 0   | 0      | 1.2   | 0.01   |
| 7/21/2006  | 15:00 | 0     | 9.43     | 710        | 16.6 |      |      |      |    |         |     |      |     |      | 6.6  |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 6/13/2006  | 12:30 | 2.84  | 8.6      | 260        | 16   | 360  | 8.20 | 740  | 7  | 0.05    | 96  | 5    | 460 | 0.01 | 8.2  |    |    |    | 40 |    |    | 15.0 |    |    |    |    | 120 | 0  | 0   | 0      | 0.15  | 0.01   |
| 5/26/2006  | 11:20 | 0.99  | 8.96     | 480        | 11.3 |      |      |      |    |         |     |      |     |      | 10.6 |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 4/17/2006  | 15:00 | 39.4  | 8.1      | 180        | 10.4 |      |      |      |    |         |     |      |     |      | 13   |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 10/17/2005 | 3:15  | 0.1   | 8.62     | 800        | 17   |      |      |      |    |         |     |      |     |      |      |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 9/14/2005  | 14:30 | 0.1   | 8.75     | 670        | 19.4 |      |      |      |    |         |     |      |     |      |      |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 8/30/2005  | 14:30 | 0     | 9.2      | 790        | 17   | 360  | 8.58 | 850  | 14 | 0.07    | 140 | 5    | 540 | 0.01 |      |    |    |    |    |    |    | 16.0 |    |    |    |    | 170 | 0  | 0   | 0      | 0.12  | 0.01   |
| 8/5/2005   | 15:25 | 0.1   | 8.8      | 740        | 18   |      |      |      |    |         |     |      |     |      |      |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 7/25/2005  | 15:45 | 0.1   | 8.88     | 790        | 20   |      |      |      |    |         |     |      |     |      |      |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 6/15/2005  | 15:00 | 1.63  | 9.24     | 440        | 15   | 290  | 8.54 | 480  | 2  | 0.02    | 25  | 380  | 330 | 0.02 |      |    |    |    | 58 |    |    | 12.0 |    |    |    |    | 32  | 0  | 0   | 0      | 13    | 0.01   |
| 5/9/2005   | 15:15 | 38.76 | 8.58     | 200        | 14   |      |      |      |    |         |     |      |     |      |      |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 4/18/2005  | 12:20 | 47.9  | 8.05     | 190        | 7    |      |      |      |    |         |     |      |     |      |      |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |
| 9/27/2004  | 12:30 | 0     |          |            |      |      |      |      |    |         |     |      |     |      |      |    |    |    |    |    |    |      |    |    |    |    | 0   | 0  | 0   | 0      |       |        |

# MONITORING DATA FOR 2024 AHR

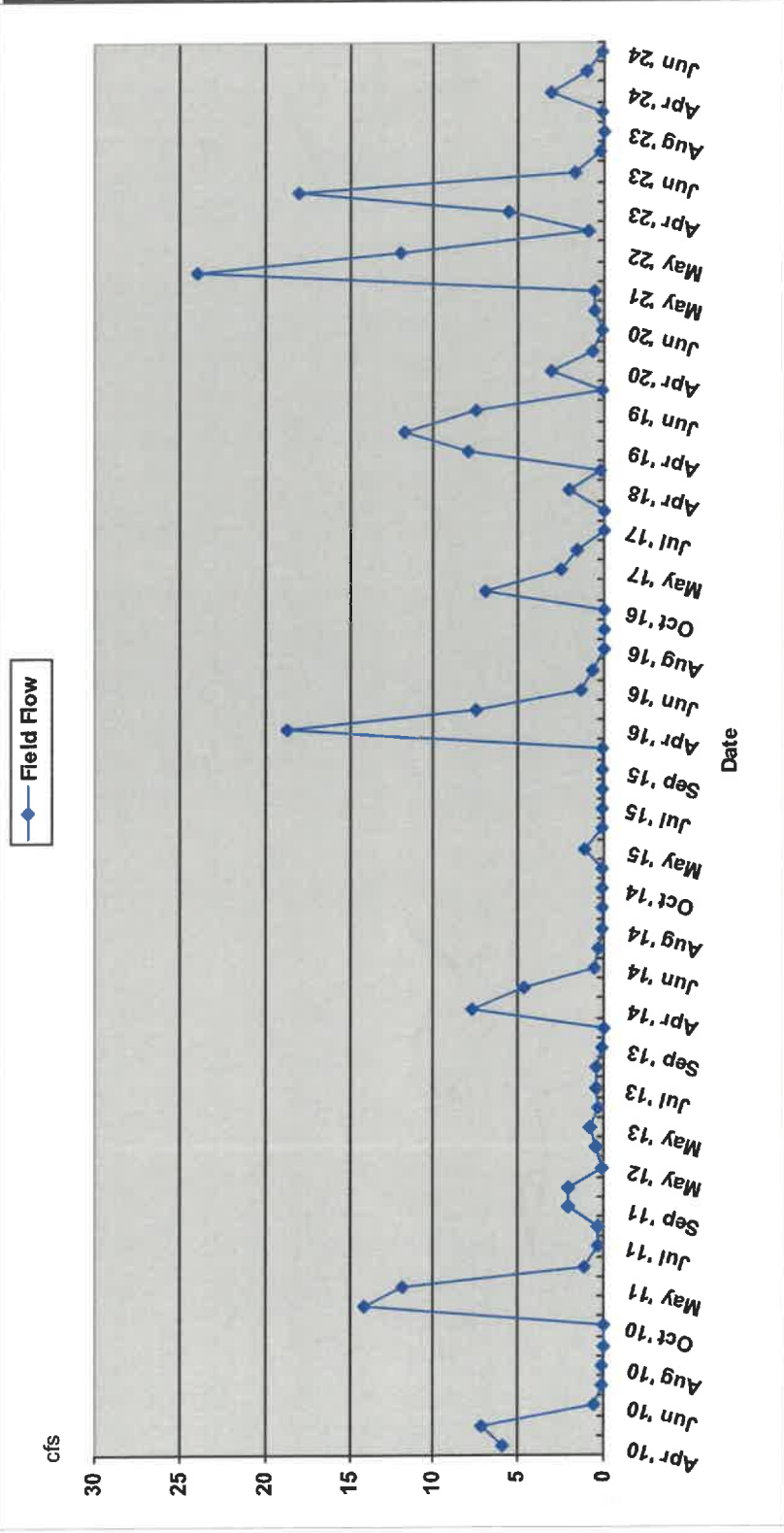
SURFACE WATER LOCATION: E-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS  | TDS | PO4  | DO | Al   | As    | Cd    | Ca   | Cu    | Pb   | Mg   | Mn    | Hg     | Mo   | Se    | Na   | Zn    | Oil | Grease | Fe-Tr | Fe-Dis |      |
|------------|-------|-------|----------|------------|-----|------|------|------|----|---------|-----|------|-----|------|----|------|-------|-------|------|-------|------|------|-------|--------|------|-------|------|-------|-----|--------|-------|--------|------|
| 8/23/2004  | 11:00 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 7/23/2004  | 14:20 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 6/22/2004  | 11:00 | 0.2   | 8.7      | 800        | 13  | 410  | 8.32 | 890  | 12 | 0.09    | 140 | 5    | 560 | 0.02 |    |      |       |       | 39   |       |      | 15.0 |       |        |      |       |      | 170   |     |        | 0     | 0.21   |      |
| 5/20/2004  | 11:40 | 0.6   | 8.85     | 460        | 13  |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 4/14/2004  | 16:00 | 13.25 | 8.7      | 300        | 13  |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 10/13/2003 | 13:30 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 9/17/2003  | 13:30 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 8/26/2003  | 13:30 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 7/28/2003  | 14:00 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 6/17/2003  | 15:30 | 0.09  | 9.29     | 660        | 15  | 380  | 8.48 | 710  | 6  | 0.09    | 81  | 30   | 450 | 0.01 |    |      |       |       | 48   |       |      | 15.0 |       |        |      |       |      | 98    |     |        | 0     | 0.83   | 0.02 |
| 5/13/2003  | 13:50 | 0.11  | 8.5      | 250        | 10  |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 4/29/2003  | 12:15 | 8.8   | 8.68     | 260        | 8   |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 9/6/2002   |       | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 6/25/2002  |       | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 12/28/2001 | 10:25 |       | 7.7      | 900        | 7   | 510  | 7.89 | 1038 | 6  | 0.03    | 160 | 16   | 580 | 0.01 |    | 0.3  | 0.004 | 0.005 | 57.5 | 0.006 | 0.05 | 17.9 | 0.014 | 0.0002 | 0.05 | 0.002 | 120  | 0.008 | 0   | 0      | 0     | 0.22   |      |
| 6/29/2001  | 13:30 |       | 8.1      | 700        |     | 390  | 8.59 | 838  | 7  | 0.02    | 100 | 5    | 590 | 0.01 |    | 0.18 | 0.002 | 0.005 | 31.2 | 0.005 | 0.05 | 11.5 | 0.005 | 0.0002 | 0.05 | 0.002 | 125  | 0.005 | 0   | 0      | 0     | 0.05   |      |
| 3/30/2001  | 12:30 |       | 8.3      | 700        |     | 300  | 8.47 | 583  | 6  | 0.12    | 57  | 56   | 370 | 0.02 |    | 1.44 | 0.002 | 0.005 | 45.7 | 0.008 | 0.05 | 11.8 | 0.029 | 0.0002 | 0.05 | 0.002 | 73.5 | 0.316 | 0   | 0      | 1.5   |        |      |
| 6/29/2000  | 14:15 |       | 8.1      | 500        | 18  | 357  | 8.47 | 800  | 9  | 0.05    | 109 | 5    | 530 | 0.03 |    | 0.08 | 0.002 | 0.005 | 20.2 | 0.005 | 0.05 | 7.0  | 0.005 | 0.0002 | 0.05 | 0.002 | 91.5 | 0.046 | 0   | 0      | 0.05  |        |      |
| 3/28/2000  | 10:27 |       | 8        | 300        | 8   | 152  | 8.25 | 414  | 4  | 0.07    | 24  | 377  | 257 | 0.04 |    | 15.6 | 0.002 | 0.005 | 35.6 | 0.028 | 0.05 | 7.8  | 0.227 | 0.0002 | 0.05 | 0.002 | 48.8 | 0.054 | 0   | 0      | 13.3  |        |      |
| 9/24/1999  | 8:15  | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 6/29/1999  | 1:30  | 10    | 8.3      | 700        | 18  | 362  | 8.36 | 786  | 8  | 0.14    | 115 | 7    | 447 | 0.01 |    | 0.15 | 0.003 | 0.005 | 17.6 | 0.005 | 0.05 | 6.3  | 0.005 | 0.0002 | 0.05 | 0.002 | 74.5 | 0.005 | 0   | 0      | 0.07  |        |      |
| 3/30/1999  | 12:30 | 10    | 8        | 300        | 7   | 238  | 8.07 | 409  | 3  | 0.14    | 25  | 1125 | 240 | 0.03 | 0  | 43.9 | 0.002 | 0.005 | 51.5 | 0.029 | 0.05 | 17.2 | 0.74  | 0.0002 | 0.05 | 0.002 | 45   | 0.144 | 0   | 0      | 43.3  |        |      |
| 3/6/1996   | 9:38  | 88    | 8.7      | 620        | 1   |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |
| 2/22/1996  | 10:45 | 32    | 8.7      | 270        | 2   |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |       |        |      |       |      |       |     |        |       |        |      |

E-2 UPPER ELK CREEK

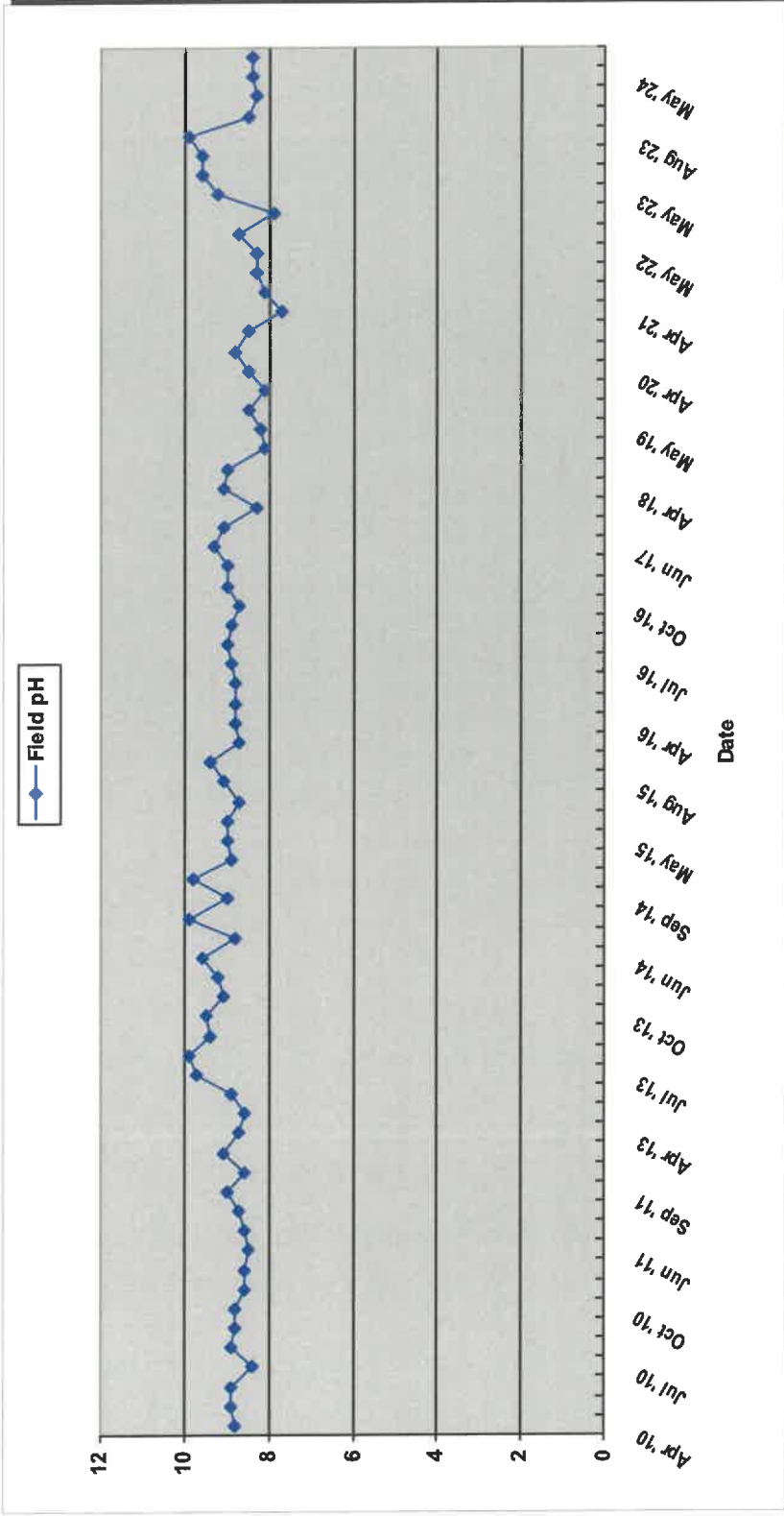
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-2



# MONITORING CHART FOR 2024 AHR

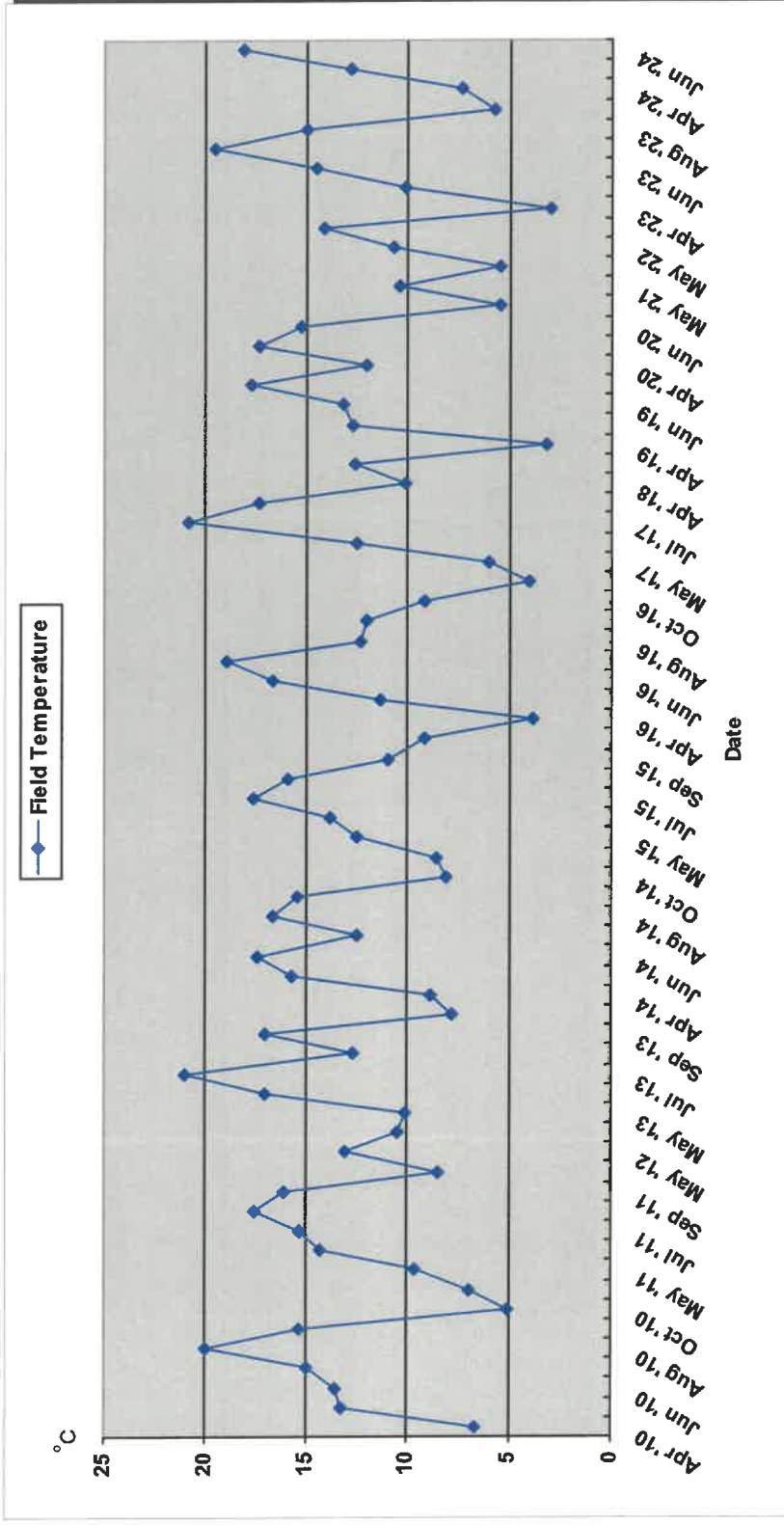
SURFACE WATER LOCATION: E-2



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

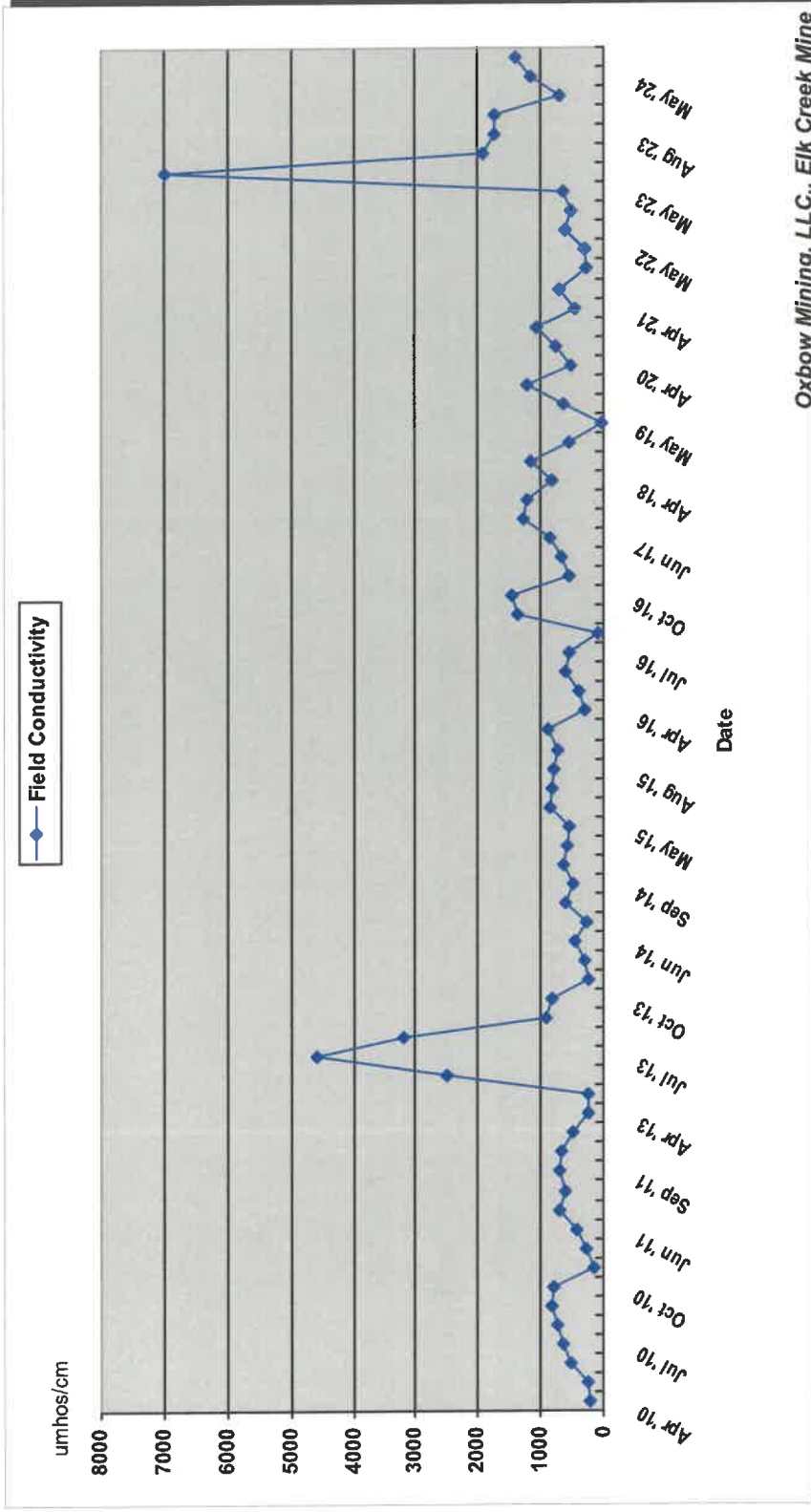
SURFACE WATER LOCATION: E-2



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

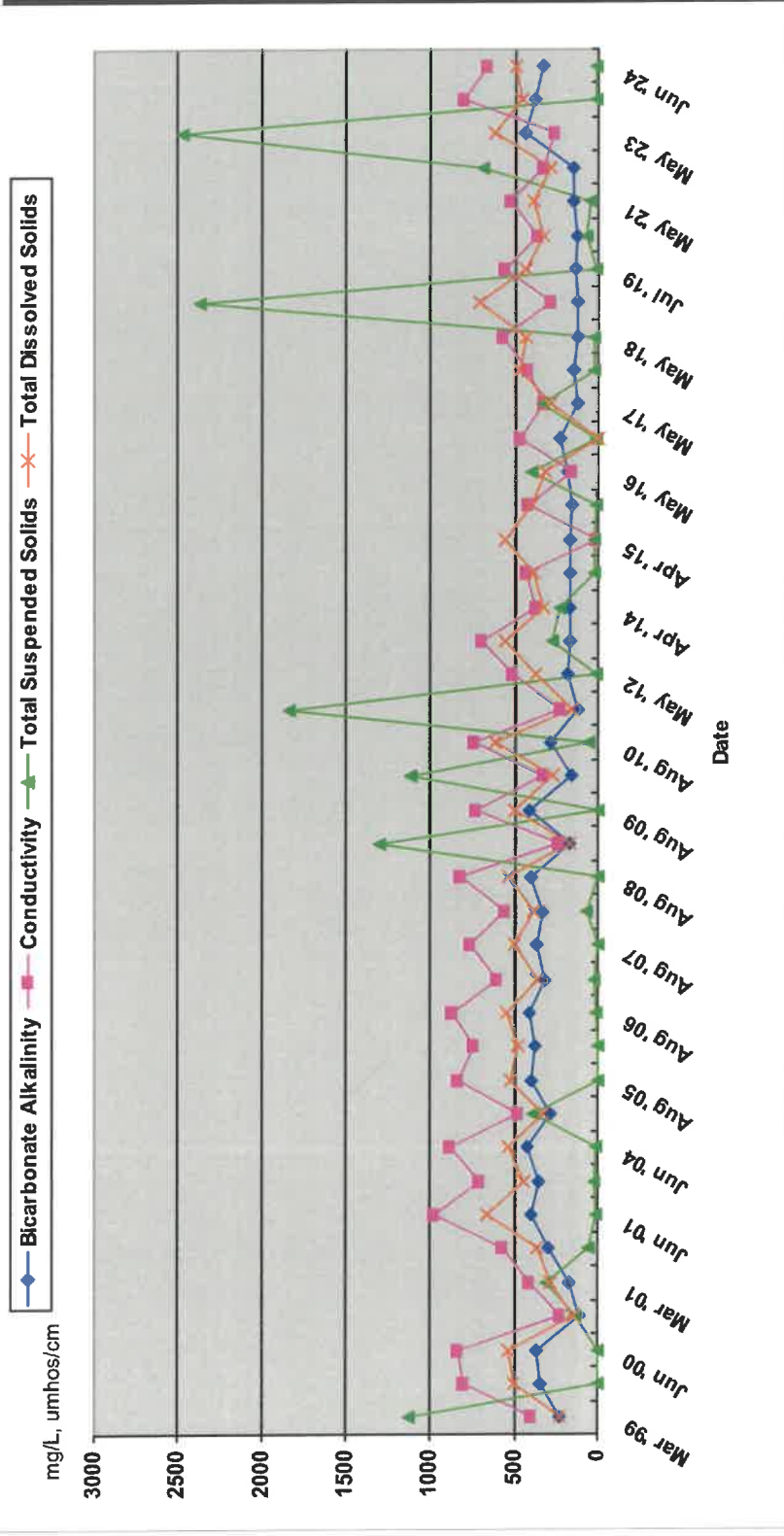
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-2



# MONITORING CHART FOR 2024 AHR

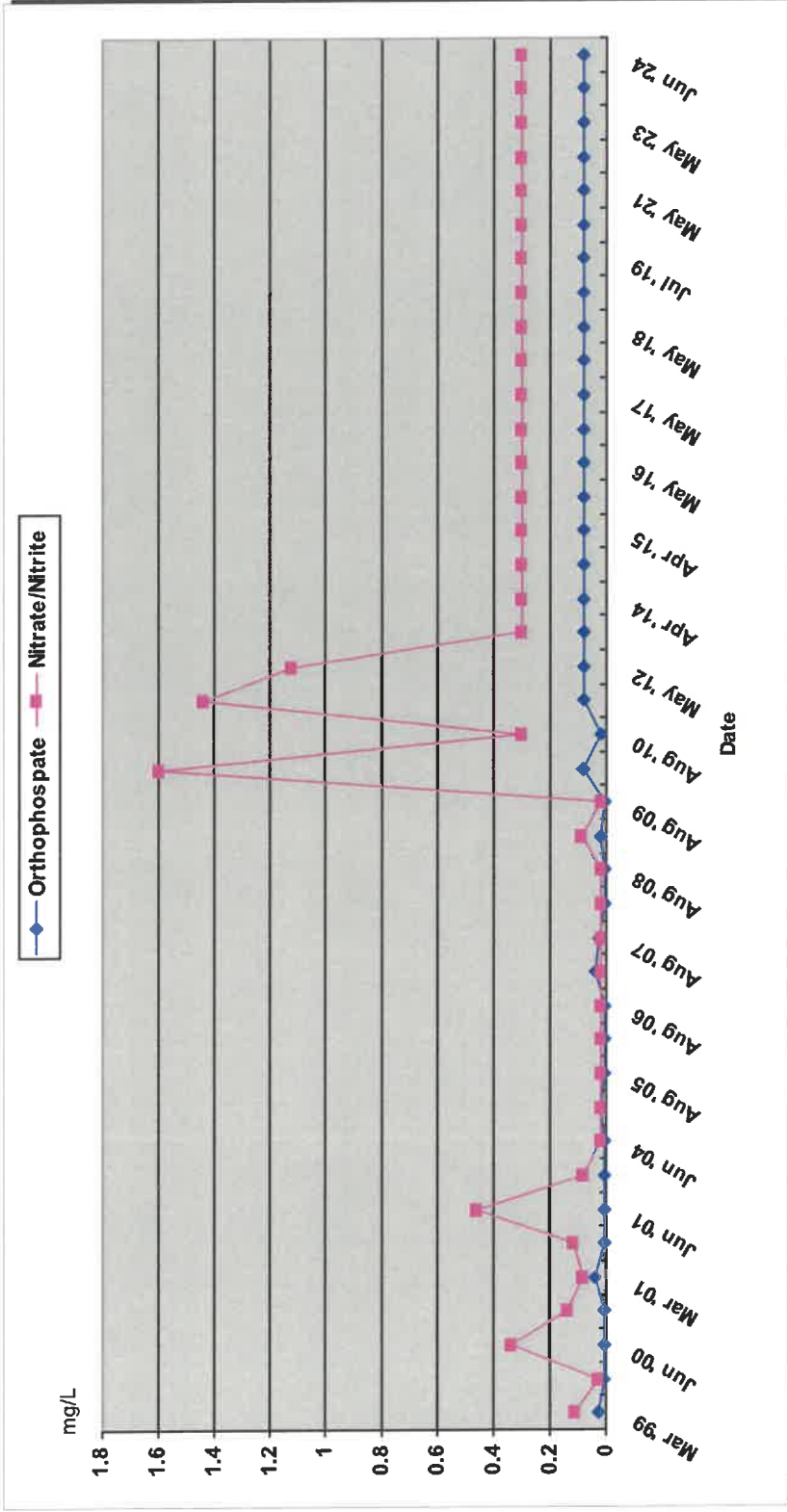
SURFACE WATER LOCATION: E-2



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

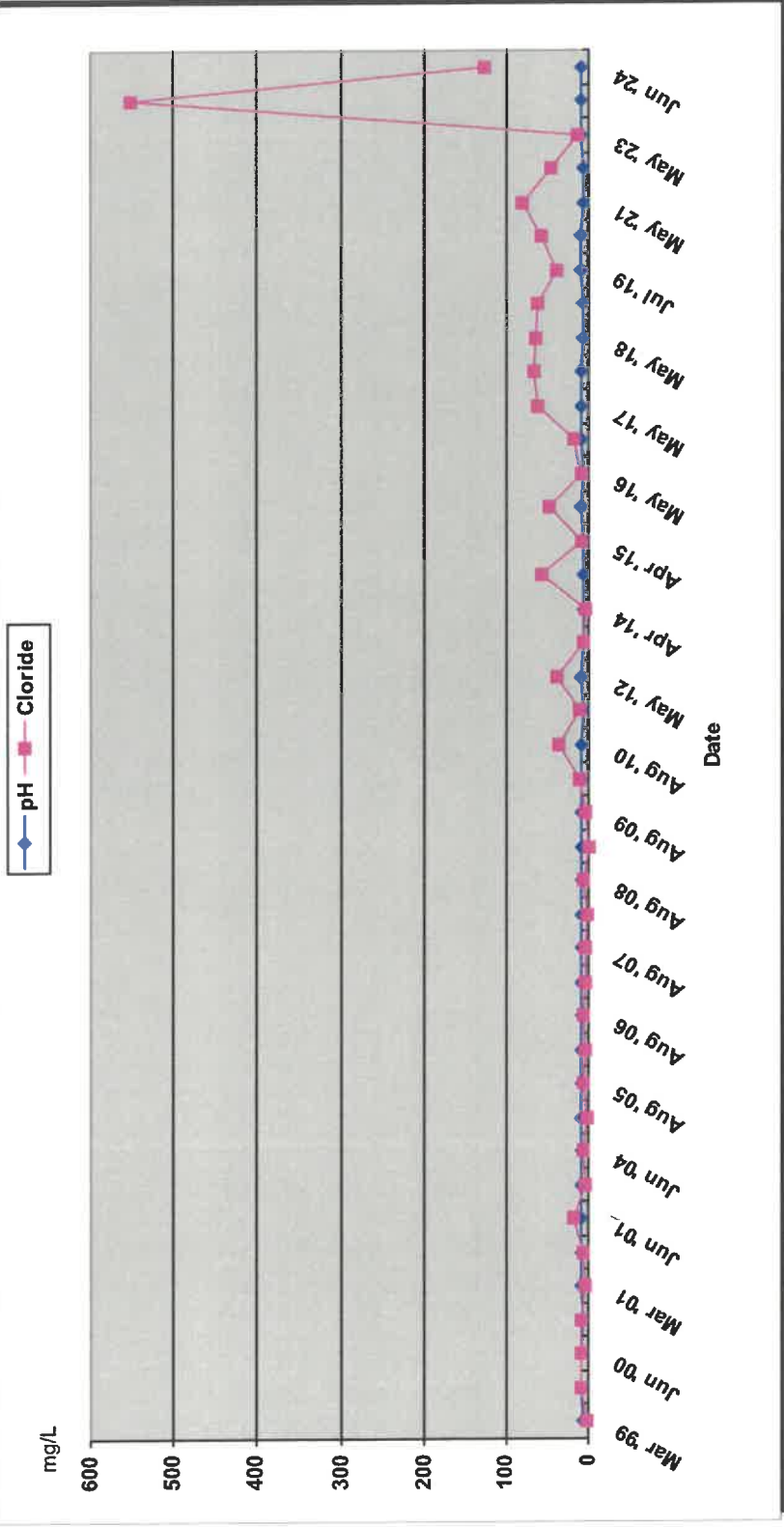
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-2



# MONITORING CHART FOR 2024 AHR

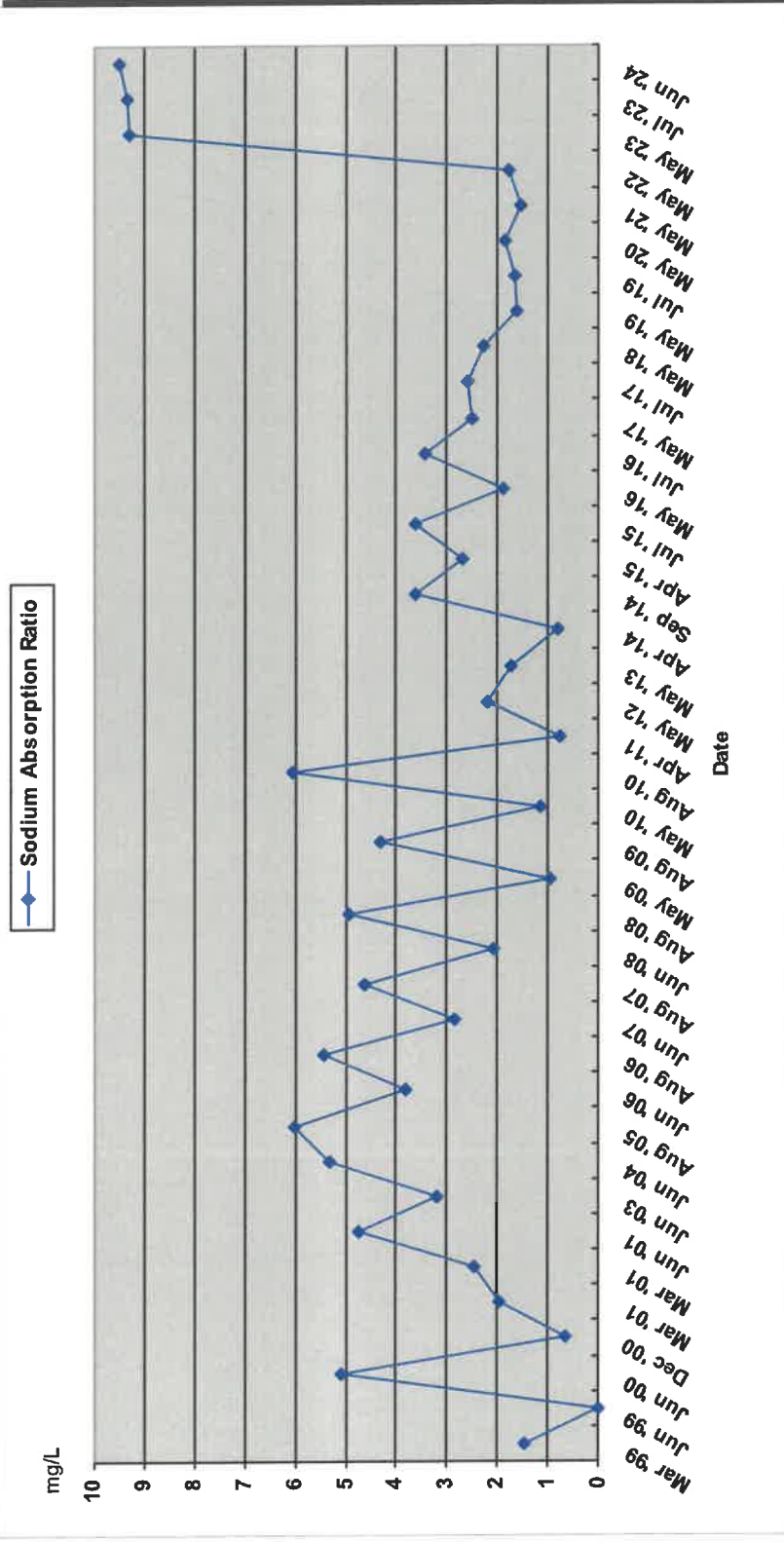
SURFACE WATER LOCATION: E-2



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

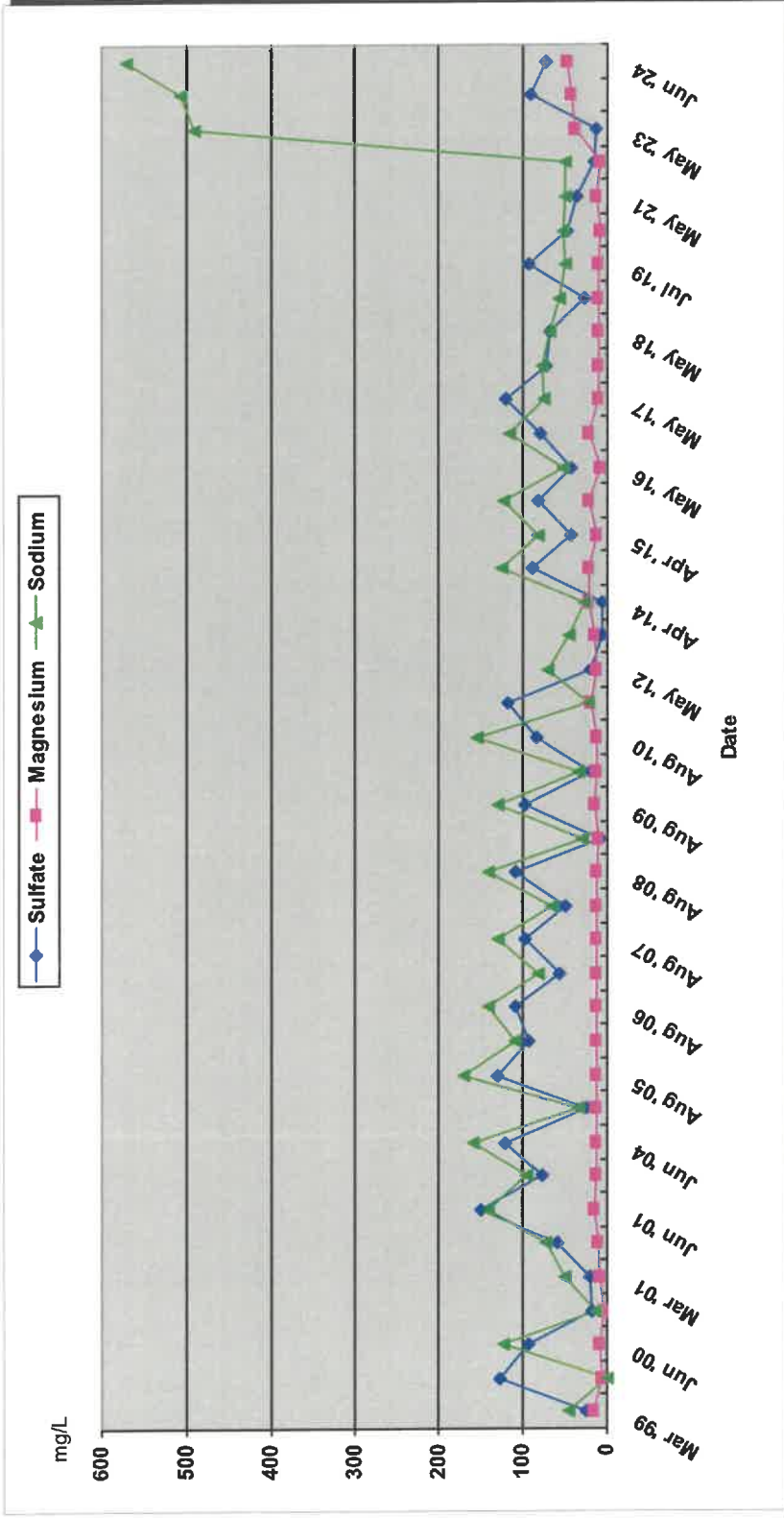
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-2



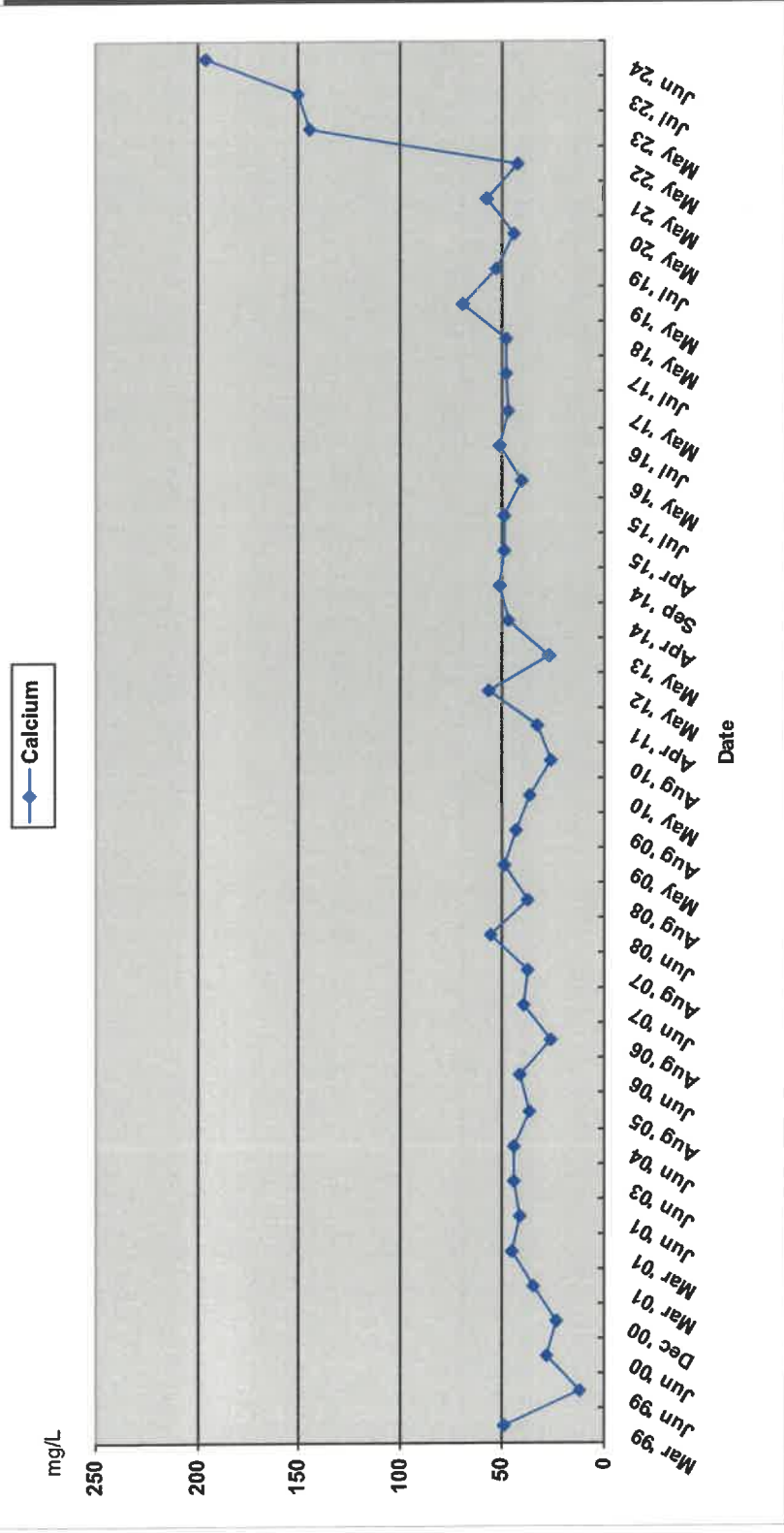
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-2



# MONITORING CHART FOR 2024 AHR

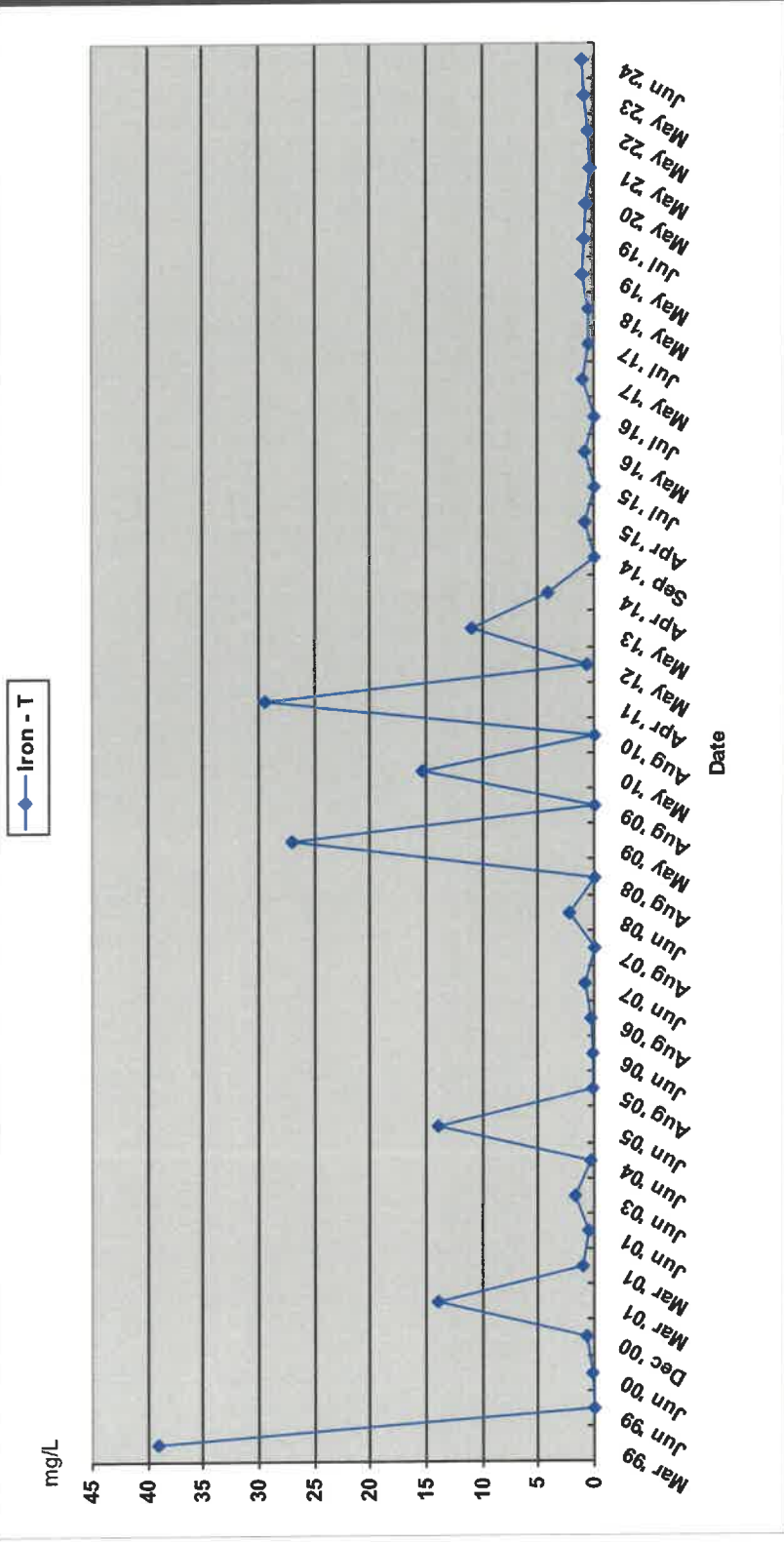
SURFACE WATER LOCATION: E-2



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

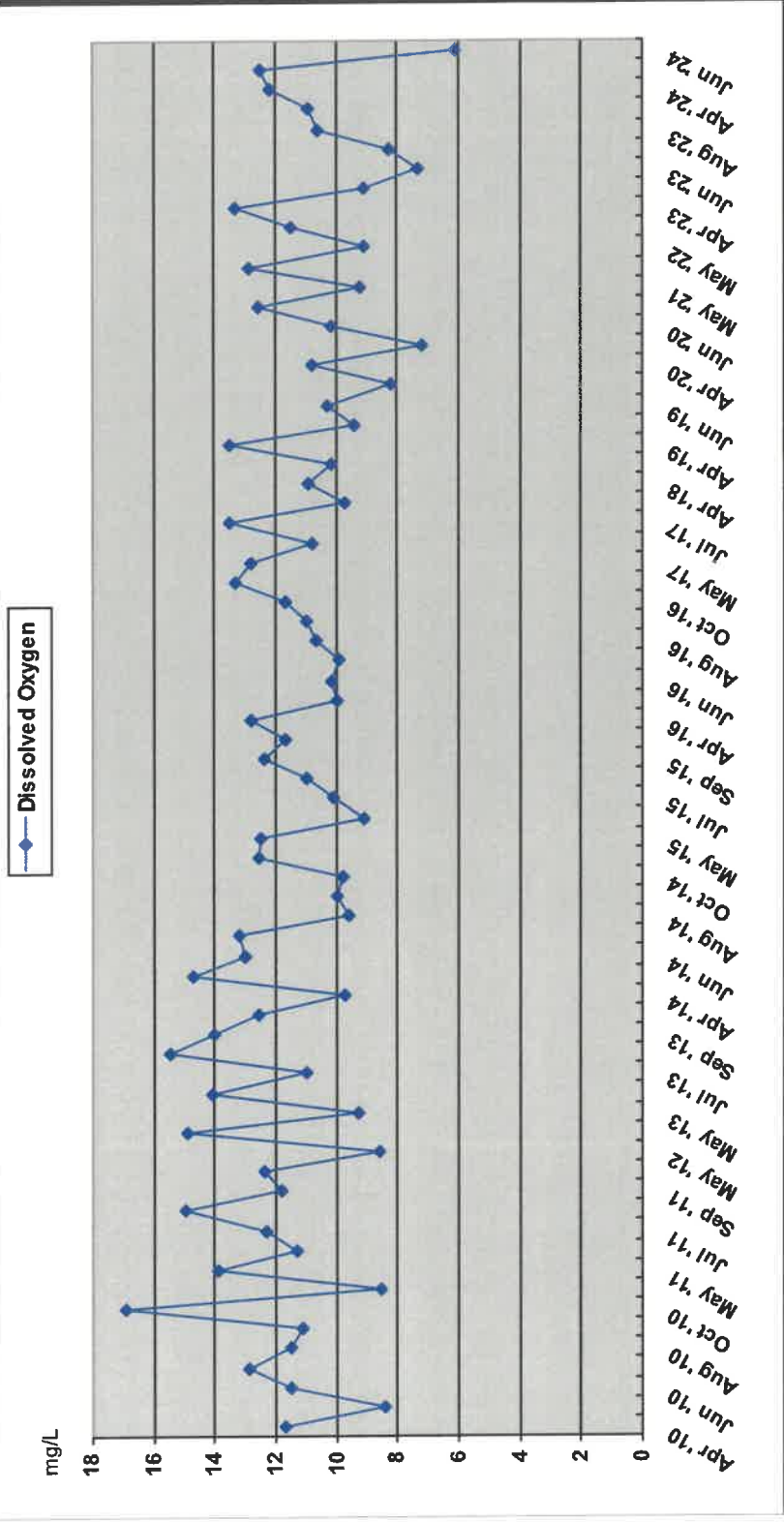
SURFACE WATER LOCATION: E-2



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: E-2



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: E-2

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond | Cl     | NO3/NO2 | SO4   | TSS  | TDS | PO4  | DO   | Al | As | Cd | Ca    | Cu | Pb | Mg   | Mn | Hg | Mo | Ss | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|----------|------------|------|-------|------|------|--------|---------|-------|------|-----|------|------|----|----|----|-------|----|----|------|----|----|----|----|-------|----|-----|--------|-------|--------|
| 10/29/2024 |       | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/11/2024  | 15:35 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/19/2024  | 16:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/22/2024  | 14:50 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 6/10/2024  | 14:00 | 0.17 | 8.4      | 1414       | 18.1 | 334.4 | 8.34 | 670  | 126.97 | 0.3     | 73.26 | 6.9  | 486 | 0.08 | 6.1  |    |    |    | 196.1 |    |    | 48.0 |    |    |    |    | 571.4 |    |     | 0      | 1.038 | 0.206  |
| 5/31/2024  | 13:00 | 1    | 8.4      | 1150       | 12.8 |       |      |      |        |         |       |      |     |      | 12.5 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 4/26/2024  | 12:30 | 3.1  | 8.3      | 707        | 7.4  |       |      |      |        |         |       |      |     |      | 12.2 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 3/27/2024  | 13:23 | 0.17 | 8.5      | 1744       | 5.8  |       |      |      |        |         |       |      |     |      | 10.9 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/24/2023  | 12:50 | 0.01 | 9.9      | 1735       | 15   |       |      |      |        |         |       |      |     |      | 10.6 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/17/2023  | 16:00 | 0.2  | 9.6      | 1918       | 19.5 | 379.2 | 8.47 | 807  | 552.33 | 0.3     | 90.96 | 12   | 456 | 0.08 | 8.3  |    |    |    | 150.3 |    |    | 44.1 |    |    |    |    | 505.8 |    |     | 0      | 0     | 0.223  |
| 6/22/2023  | 13:15 | 1.7  | 9.6      | 7000       | 14.5 |       |      |      |        |         |       |      |     |      | 7.3  |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 5/22/2023  | 12:15 | 18   | 9.2      | 652        | 10.1 | 438.1 | 8.20 | 271  | 15     | 0.3     | 13.17 | 2470 | 620 | 0.08 | 9.1  |    |    |    | 144.9 |    |    | 39.4 |    |    |    |    | 490.2 |    |     | 0      | 0.902 | 0.154  |
| 4/21/2023  | 14:30 | 5.6  | 7.9      | 531        | 3    |       |      |      |        |         |       |      |     |      | 13.3 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 10/12/2022 | 14:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/8/2022   | 14:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/12/2022  | 14:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/18/2022  | 12:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 6/7/2022   | 13:05 | 0.9  | 8.7      | 605        | 14.1 |       |      |      |        |         |       |      |     |      | 11.5 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 5/9/2022   | 15:00 | 12   | 8.3      | 305        | 10.7 | 155   | 7.99 | 330  | 47.49  | 0.3     | 15.64 | 695  | 290 | 0.08 | 9.1  |    |    |    | 43.1  |    |    | 8.9  |    |    |    |    | 48.9  |    |     | 0      | 0.546 | 0.045  |
| 4/26/2022  | 12:30 | 24   | 8.3      | 276        | 5.5  |       |      |      |        |         |       |      |     |      | 12.9 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 10/21/2021 | 14:30 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/20/2021  | 14:30 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/12/2021  | 14:30 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/26/2021  | 15:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 6/11/2021  | 12:45 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 5/18/2021  | 12:45 | 0.6  | 8.1      | 710        | 10.4 | 155   | 8.01 | 530  | 79.98  | 0.3     | 36.22 | 48   | 388 | 0.08 | 9.2  |    |    |    | 57.8  |    |    | 13.6 |    |    |    |    | 50.09 |    |     | 0      | 0.388 | 0.043  |
| 4/12/2021  | 13:30 | 0.6  | 7.7      | 470        | 5.5  |       |      |      |        |         |       |      |     |      | 12.6 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 10/6/2020  | 13:55 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/15/2020  | 13:15 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 8/12/2020  | 14:55 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 7/13/2020  | 16:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 6/2/2020   | 12:15 | 0.14 | 8.5      | 1050       | 15.2 |       |      |      |        |         |       |      |     |      | 10.2 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 5/18/2020  | 15:05 | 0.69 | 8.8      | 750        | 17.3 | 126   | 8.27 | 367  | 58.01  | 0.3     | 47.87 | 66   | 336 | 0.08 | 7.2  |    |    |    | 44.6  |    |    | 9.2  |    |    |    |    | 51.8  |    |     | 0      | 0.761 | 0.043  |
| 4/28/2020  | 14:37 | 3.1  | 8.5      | 520        | 12   |       |      |      |        |         |       |      |     |      | 10.8 |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 10/17/2019 | 10:00 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |
| 9/18/2019  | 14:45 | 0    |          |            |      |       |      |      |        |         |       |      |     |      |      |    |    |    |       |    |    |      |    |    |    |    |       |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: E-2

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3   | pH   | Cond | Cl    | NO3/NO2 | SO4    | TSS  | TDS   | PO4  | DO   | Al | As | Cd | Cu   | Pb | Mg   | Mn | Hg | Mo | Se | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Di's |
|------------|-------|------|----------|------------|------|--------|------|------|-------|---------|--------|------|-------|------|------|----|----|----|------|----|------|----|----|----|----|-------|----|-----|--------|-------|---------|
| 8/20/2019  | 2:15  | 0    |          |            |      |        |      |      |       |         |        |      |       |      |      |    |    |    |      |    |      |    |    |    |    |       |    |     |        |       |         |
| 7/10/2019  | 14:15 | 0.1  | 8.1      | 1220       | 17.7 | 138    | 8.58 | 563  | 35.98 | 0.3     | 92.44  | 14   | 438   | 0.08 | 8.2  |    |    |    | 52.8 |    | 11.8 |    |    |    |    | 50.7  |    | 0   | 0      | 0.812 | 0.179   |
| 6/7/2019   | 13:30 | 7.5  | 8.5      | 630        | 13.2 |        |      |      |       |         |        |      |       |      | 10.3 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 5/13/2019  | 15:15 | 11.7 | 8.2      | 30         | 12.7 | 132    | 7.70 | 292  | 63.28 | 0.3     | 26.75  | 2370 | 710   | 0.08 | 9.4  |    |    |    | 69.8 |    | 11.7 |    |    |    |    | 56.2  |    | 0   | 0      | 0.977 | 0.231   |
| 4/12/2019  | 12:45 | 8    | 8.1      | 550        | 3.2  |        |      |      |       |         |        |      |       |      | 13.5 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 10/17/2018 | 12:00 | 0    |          |            |      |        |      |      |       |         |        |      |       |      |      |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 9/14/2018  | 11:45 | 0    |          |            |      |        |      |      |       |         |        |      |       |      |      |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 8/27/2018  | 12:00 | 0    |          |            |      |        |      |      |       |         |        |      |       |      |      |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 7/11/2018  | 14:45 | 0    |          |            |      |        |      |      |       |         |        |      |       |      |      |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 6/22/2018  | 11:30 | 0    |          |            |      |        |      |      |       |         |        |      |       |      |      |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 5/14/2018  | 0:15  | 0.22 | 9        | 1160       | 12.6 | 126.74 | 8.09 | 574  | 65.88 | 0.3     | 69.15  | 28   | 444   | 0.08 | 10.2 |    |    |    | 48.9 |    | 11.3 |    |    |    |    | 68.3  |    | 0   | 0      | 0.594 | 0.069   |
| 4/24/2018  | 11:45 | 2.1  | 9.1      | 810        | 10.1 |        |      |      |       |         |        |      |       |      | 10.9 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 10/19/2017 | 12:20 | 0    |          |            |      |        |      |      |       |         |        |      |       |      |      |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 9/11/2017  | 8:30  | 0    |          |            |      |        |      |      |       |         |        |      |       |      |      |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 8/8/2017   | 13:35 | 0.04 | 8.3      | 1210       | 17.3 |        |      |      |       |         |        |      |       |      | 9.7  |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 7/18/2017  | 13:45 | 0.05 | 9.1      | 1280       | 20.8 | 147.03 | 8.30 | 431  | 67.09 | 0.3     | 72.15  | 28   | 468   | 0.08 | 13.5 |    |    |    | 48.7 |    | 11.3 |    |    |    |    | 77.2  |    | 0   | 0      | 0.564 | 0.043   |
| 6/6/2017   | 12:15 | 1.6  | 9.3      | 860        | 12.5 |        |      |      |       |         |        |      |       |      | 10.8 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 5/17/2017  | 12:00 | 2.5  | 9        | 670        | 6.1  | 123.09 | 8.16 | 329  | 61.5  | 0.3     | 119.36 | 339  | 291   | 0.08 | 12.8 |    |    |    | 47.4 |    | 10.9 |    |    |    |    | 74.1  |    | 0   | 0      | 0.962 | 0.056   |
| 4/28/2017  | 12:00 | 7    | 9        | 550        | 4.1  |        |      |      |       |         |        |      |       |      | 13.3 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 10/28/2016 | 12:00 | 0.02 | 8.7      | 1460       | 9.2  |        |      |      |       |         |        |      |       |      | 11.7 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 9/22/2016  | 11:15 | 0.02 | 8.9      | 1360       | 12   |        |      |      |       |         |        |      |       |      | 11   |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 8/25/2016  | 12:32 | 0.05 | 9        | 80         | 12.3 |        |      |      |       |         |        |      |       |      | 10.7 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 7/25/2016  | 12:20 | 0.7  | 8.9      | 580        | 18.9 | 234.7  | 8.38 | 477  | 17.73 | 0.3     | 79.03  | 12   | 0.018 | 0.08 | 9.9  |    |    |    | 51.3 |    | 22.4 |    |    |    |    | 116.9 |    | 0   | 0      | 0.034 | 0.018   |
| 6/9/2016   | 13:45 | 1.4  | 8.8      | 600        | 16.7 |        |      |      |       |         |        |      |       |      | 10.2 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 5/23/2016  | 14:00 | 7.5  | 8.8      | 400        | 11.4 | 186.69 | 7.86 | 161  | 10.08 | 0.3     | 44.04  | 407  | 318   | 0.08 | 10   |    |    |    | 41   |    | 9.6  |    |    |    |    | 52.2  |    | 0   | 0      | 0.94  | 0.02    |
| 4/28/2016  | 9:00  | 18.7 | 8.8      | 310        | 3.9  |        |      |      |       |         |        |      |       |      | 12.8 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 10/21/2015 | 9:20  | 0.1  | 8.7      | 890        | 9.2  |        |      |      |       |         |        |      |       |      | 11.7 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 9/22/2015  | 23:15 | 0.1  | 9.4      | 740        | 11   |        |      |      |       |         |        |      |       |      | 12.4 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 8/4/2015   | 13:45 | 0.15 | 9.1      | 800        | 15.9 |        |      |      |       |         |        |      |       |      | 11   |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 7/21/2015  | 14:00 | 0.15 | 8.7      | 830        | 17.6 | 185.74 | 8.12 | 429  | 48.83 | 0.3     | 82.08  | 16   | 403   | 0.08 | 10.1 |    |    |    | 49.7 |    | 22.4 |    |    |    |    | 122.8 |    | 0   | 0      | 0.032 | 0.019   |
| 6/17/2015  | 14:00 | 0.1  | 9        | 860        | 13.8 |        |      |      |       |         |        |      |       |      | 9.1  |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 5/14/2015  | 15:00 | 1.1  | 9        | 550        | 12.5 |        |      |      |       |         |        |      |       |      | 12.5 |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 4/14/2015  | 11:45 | 0.1  | 8.9      | 590        | 8.6  | 177.81 | 7.52 | 6.26 | 10.08 | 0.3     | 44.04  | 28   | 567   | 0.08 | 12.6 |    |    |    | 49   |    | 12.6 |    |    |    |    | 82.2  |    | 0   | 0      | 0.94  | 0.02    |
| 10/31/2014 | 11:55 | 0.1  | 9.8      | 650        | 8.1  |        |      |      |       |         |        |      |       |      | 9.8  |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |
| 9/10/2014  | 23:30 | 0.1  | 9        | 500        | 15.4 | 168.86 | 7.88 | 433  | 58.77 | 0.3     | 38.08  | 18   | 388   | 0.08 | 10   |    |    |    | 51.4 |    | 23.0 |    |    |    |    | 125   |    | 0   | 0      | 0.04  | 0.02    |
| 8/25/2014  | 14:45 | 0.1  | 9.9      | 600        | 16.7 |        |      |      |       |         |        |      |       |      | 9.6  |    |    |    |      |    |      |    |    |    |    |       |    | 0   | 0      |       |         |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: E-2

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3 | pH | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO   | Al | As | Cd | Ca    | Cu | Pb | Mg | Mn   | Hg | Mo | Se | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Di's |
|------------|-------|-------|----------|------------|------|------|----|------|----|---------|-----|-----|-----|-----|------|----|----|----|-------|----|----|----|------|----|----|----|-------|----|-----|--------|-------|---------|
| 7/6/2014   | 11:15 | 0.3   | 8.8      | 260        | 12.5 |      |    |      |    |         |     |     |     |     | 13.2 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 6/11/2014  | 3:20  | 0.56  | 9.6      | 470        | 17.4 |      |    |      |    |         |     |     |     |     | 13   |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 5/19/2014  | 15:00 | 4.65  | 9.2      | 290        | 15.7 |      |    |      |    |         |     |     |     |     | 14.7 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 4/6/2014   | 13:00 | 7.8   | 9.1      | 250        | 8.9  |      |    |      |    |         |     |     |     |     | 9.7  |    |    |    | 48    |    |    |    | 22.8 |    |    |    | 27.49 |    |     |        |       |         |
| 10/18/2013 | 14:55 | 0.045 | 9.5      | 830        | 7.9  |      |    |      |    |         |     |     |     |     | 12.6 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       | 0.04    |
| 9/9/2013   | 14:00 | 0.08  | 9.4      | 900        | 17   |      |    |      |    |         |     |     |     |     | 14   |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 8/16/2013  | 13:10 | 0.5   | 9.9      | 3200       | 12.7 |      |    |      |    |         |     |     |     |     | 15.5 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 7/18/2013  | 14:45 | 0.5   | 9.7      | 4600       | 21   |      |    |      |    |         |     |     |     |     | 11   |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 6/5/2013   | 14:45 | 0.37  | 8.9      | 2500       | 17   |      |    |      |    |         |     |     |     |     | 14.1 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 5/6/2013   | 13:30 | 0.75  | 8.6      | 250        | 10.1 |      |    |      |    |         |     |     |     |     | 9.3  |    |    |    | 27.4  |    |    |    | 15.6 |    |    |    | 46    |    |     |        | 11    | 0.1     |
| 4/22/2013  | 14:50 | 0.5   | 8.7      | 250        | 10.5 |      |    |      |    |         |     |     |     |     | 14.9 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 10/10/2012 | 12:00 | 0     |          |            |      |      |    |      |    |         |     |     |     |     |      |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 9/6/2012   | 12:00 | 0     |          |            |      |      |    |      |    |         |     |     |     |     |      |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 8/2/2012   | 12:00 | 0     |          |            |      |      |    |      |    |         |     |     |     |     |      |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 7/30/2012  | 14:00 | 0     |          |            |      |      |    |      |    |         |     |     |     |     |      |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 6/13/2012  | 12:00 | 0     |          |            |      |      |    |      |    |         |     |     |     |     |      |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 5/9/2012   | 14:30 | 0.06  | 9.1      | 500        | 13.1 |      |    |      |    |         |     |     |     |     | 8.6  |    |    |    | 57    |    |    |    | 12.6 |    |    |    | 70.6  |    |     |        | 0.77  | 0.01    |
| 10/18/2011 | 12:00 | 2     | 8.6      | 680        | 8.5  |      |    |      |    |         |     |     |     |     | 12.4 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 9/8/2011   | 12:00 | 2     | 9        | 700        | 16.1 |      |    |      |    |         |     |     |     |     | 15   |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 8/15/2011  | 13:30 | 0.3   | 8.7      | 610        | 17.5 |      |    |      |    |         |     |     |     |     | 12.3 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 7/26/2011  | 12:00 | 0.3   | 8.6      | 710        | 15.3 |      |    |      |    |         |     |     |     |     | 11.3 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 6/14/2011  | 14:30 | 1.12  | 8.5      | 420        | 14.3 |      |    |      |    |         |     |     |     |     | 13.9 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 5/28/2011  | 15:30 | 11.9  | 8.6      | 260        | 9.7  |      |    |      |    |         |     |     |     |     |      |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 4/19/2011  | 13:20 | 14.2  | 8.6      | 160        | 7    |      |    |      |    |         |     |     |     |     | 8.5  |    |    |    | 33.6  |    |    |    | 20.2 |    |    |    | 23.18 |    |     |        | 29.52 | 0.08    |
| 10/27/2010 | 14:20 | 0.01  | 8.8      | 780        | 5.1  |      |    |      |    |         |     |     |     |     | 16.9 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 9/27/2010  | 15:20 | 0.01  | 8.8      | 830        | 15.3 |      |    |      |    |         |     |     |     |     | 11.1 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 8/5/2010   | 12:40 | 0.1   | 8.9      | 740        | 20   |      |    |      |    |         |     |     |     |     | 11.5 |    |    |    | 26.52 |    |    |    | 14.2 |    |    |    | 155.5 |    |     |        | 0.06  | 0.03    |
| 7/15/2010  | 13:40 | 0.1   | 8.4      | 630        | 15   |      |    |      |    |         |     |     |     |     | 12.9 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 6/4/2010   | 14:30 | 0.6   | 8.9      | 510        | 13.5 |      |    |      |    |         |     |     |     |     | 11.5 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 5/18/2010  | 13:30 | 7.14  | 8.9      | 250        | 13.3 |      |    |      |    |         |     |     |     |     | 8.4  |    |    |    | 37.1  |    |    |    | 14.6 |    |    |    | 33.1  |    |     |        | 15.39 | 0.06    |
| 4/22/2010  | 14:30 | 5.9   | 8.8      | 220        | 6.7  |      |    |      |    |         |     |     |     |     | 11.7 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 10/12/2009 | 1:00  | 0     |          |            |      |      |    |      |    |         |     |     |     |     |      |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 9/25/2009  | 2:30  | 0.1   | 8        | 800        | 15.8 |      |    |      |    |         |     |     |     |     | 10.1 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 8/5/2009   | 2:00  | 0.1   | 8.4      | 650        | 15   |      |    |      |    |         |     |     |     |     | 16.7 |    |    |    | 44    |    |    |    | 15.0 |    |    |    | 130   |    |     |        | 0.04  | 0.04    |
| 7/17/2009  | 3:00  | 0.1   | 7.7      | 680        | 23.8 |      |    |      |    |         |     |     |     |     | 14.2 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |
| 6/22/2009  | 11:40 | 4.05  | 7.9      | 540        | 14   |      |    |      |    |         |     |     |     |     | 12.5 |    |    |    |       |    |    |    |      |    |    |    |       |    |     |        |       |         |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: E-2

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS  | TDS | PO4  | DO   | Al   | As | Cd | Ca | Cu | Pb | Mg   | Mn | Hg | Mo | Se | Na  | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|-------|----------|------------|------|------|------|------|----|---------|-----|------|-----|------|------|------|----|----|----|----|----|------|----|----|----|----|-----|----|-----|--------|-------|--------|
| 5/6/2009   | 11:15 | 11    | 8        | 210        | 8.5  | 170  | 8.23 | 240  | 1  | 0.09    | 9   | 1300 | 170 | 0.02 | 12.2 | 14.8 |    |    | 49 |    |    | 12.0 |    |    |    |    | 28  | 0  | 0   | 0      | 27    | 0.02   |
| 4/29/2009  | 9:45  | 11    | 8.7      | 220        | 3.4  |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     |    | 0   | 0      |       |        |
| 10/15/2008 | 14:00 | 0     |          |            |      |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     |    | 0   | 0      |       |        |
| 9/11/2008  | 14:45 | 0.1   | 8        | 770        | 14.9 |      |      |      |    |         |     |      |     |      | 8.3  |      |    |    |    |    |    |      |    |    |    |    |     |    | 0   | 0      |       |        |
| 8/5/2008   | 14:20 | 0.1   | 8.4      | 710        | 23.8 | 400  | 8.40 | 830  | 6  | 0.02    | 110 | 5    | 540 | 0.01 | 8.5  |      |    |    | 38 |    |    | 14.0 |    |    |    |    | 140 | 0  | 0   | 0.02   | 0.01  |        |
| 7/29/2008  | 15:30 | 0.1   | 9.8      | 740        | 21   |      |      |      |    |         |     |      |     | 9    |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 6/18/2008  | 14:50 | 1.84  | 8.8      | 550        | 18   | 330  | 8.48 | 560  | 3  | 0.02    | 50  | 69   | 390 | 0.01 | 15.6 |      |    |    | 56 |    |    | 13.0 |    |    |    |    | 67  | 0  | 0   | 2.2    | 0.01  |        |
| 5/29/2008  | 14:00 | 7.7   | 8.5      | 310        | 14.3 |      |      |      |    |         |     |      |     | 5.8  |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 4/21/2008  | 13:45 | 22.7  | 8.6      | 200        | 8.9  |      |      |      |    |         |     |      |     | 13   |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/24/2007 | 15:20 | 0.4   | 9.2      | 500        | 9.2  |      |      |      |    |         |     |      |     | 8.9  |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 9/11/2007  | 15:20 | 0     | 9.21     | 730        | 16.7 |      |      |      |    |         |     |      |     | 3    |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 8/7/2007   | 14:30 | 0.4   | 8.97     | 700        | 20.1 | 370  | 8.31 | 770  | 5  | 0.02    | 97  | 5    | 510 | 0.03 | 9.6  |      |    |    | 38 |    |    | 13.0 |    |    |    |    | 130 | 0  | 0   | 0.01   | 0.01  |        |
| 7/17/2007  | 15:30 | 2     | 8.59     | 730        | 24.5 |      |      |      |    |         |     |      |     | 6    |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 6/15/2007  | 2:55  | 0.4   | 8.66     | 570        | 22.9 | 320  | 8.44 | 610  | 4  | 0.02    | 57  | 24   | 370 | 0.04 | 7    |      |    |    | 40 |    |    | 13.0 |    |    |    |    | 81  | 0  | 0   | 0.88   | 0.01  |        |
| 5/15/2007  | 15:00 | 1.28  | 8.6      | 500        | 7.9  |      |      |      |    |         |     |      |     | 9.1  |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 4/30/2007  | 15:00 | 8.6   | 8.32     | 360        | 14.5 |      |      |      |    |         |     |      |     | 9.8  |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/17/2006 | 13:30 | 2.9   | 8.6      | 540        | 7.4  |      |      |      |    |         |     |      |     | 5.2  |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 9/27/2006  | 13:45 | 0     | 9.04     | 710        | 11   |      |      |      |    |         |     |      |     | 11   |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 8/10/2006  | 10:30 | 2.84  | 9.02     | 760        | 15   | 410  | 8.14 | 880  | 7  | 0.02    | 110 | 14   | 550 | 0.01 | 7    |      |    |    | 27 |    |    | 14.0 |    |    |    |    | 140 | 0  | 0   | 0.3    | 0.01  |        |
| 7/21/2006  | 15:30 | 0     | 9.35     | 690        | 17.1 |      |      |      |    |         |     |      |     | 6.8  |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 6/13/2006  | 12:40 | 2.84  | 8.83     | 740        | 18.7 | 380  | 8.11 | 750  | 5  | 0.02    | 93  | 5    | 480 | 0.01 | 7.9  |      |    |    | 42 |    |    | 13.0 |    |    |    |    | 110 | 0  | 0   | 0.11   | 0.01  |        |
| 5/26/2006  | 23:40 | 0.99  | 8.92     | 470        | 11.3 |      |      |      |    |         |     |      |     | 11   |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 4/17/2006  | 15:30 | 39.4  | 8.17     | 180        | 10.4 |      |      |      |    |         |     |      |     | 13.1 |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/17/2005 | 2:50  | 0.1   | 8.61     | 810        | 16.7 |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 9/22/2005  | 15:45 | 0.1   | 8.75     | 680        | 19.6 |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 8/30/2005  | 2:30  | 0     | 9.02     | 790        | 17   | 400  | 8.36 | 840  | 7  | 0.02    | 130 | 5    | 530 | 0.01 |      |      |    |    | 37 |    |    | 14.0 |    |    |    |    | 170 | 0  | 0   | 0.15   | 0.01  |        |
| 8/5/2005   | 13:10 | 0     | 8.92     | 820        | 22   |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 7/25/2005  | 15:50 | 0.1   | 8.85     | 780        | 21   |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 6/15/2005  | 14:15 | 1.63  | 9.14     | 440        | 17   | 290  | 8.51 | 480  | 2  | 0.02    | 24  | 390  | 330 | 0.02 |      |      |    |    |    |    |    | 13.0 |    |    |    |    | 33  | 0  | 0   | 14     | 0.01  |        |
| 5/9/2005   | 15:30 | 38.76 | 8.5      | 210        | 14   |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 4/18/2005  | 12:40 | 47.9  | 8.05     | 190        | 7    |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/8/2004  | 16:15 | 0     |          |            |      |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 9/27/2004  | 12:45 | 0     |          |            |      |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 8/23/2004  | 11:00 | 0     |          |            |      |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 7/23/2004  | 14:00 | 0     |          |            |      |      |      |      |    |         |     |      |     |      |      |      |    |    |    |    |    |      |    |    |    |    |     | 0  | 0   |        |       |        |
| 6/22/2004  | 10:40 | 0.2   | 8.43     | 760        | 11   | 430  | 8.30 | 890  | 7  | 0.02    | 120 | 11   | 540 | 0.01 |      |      |    |    | 45 |    |    | 14.0 |    |    |    |    | 160 | 0  | 0   | 0.32   |       |        |

# MONITORING DATA FOR 2024 AHR

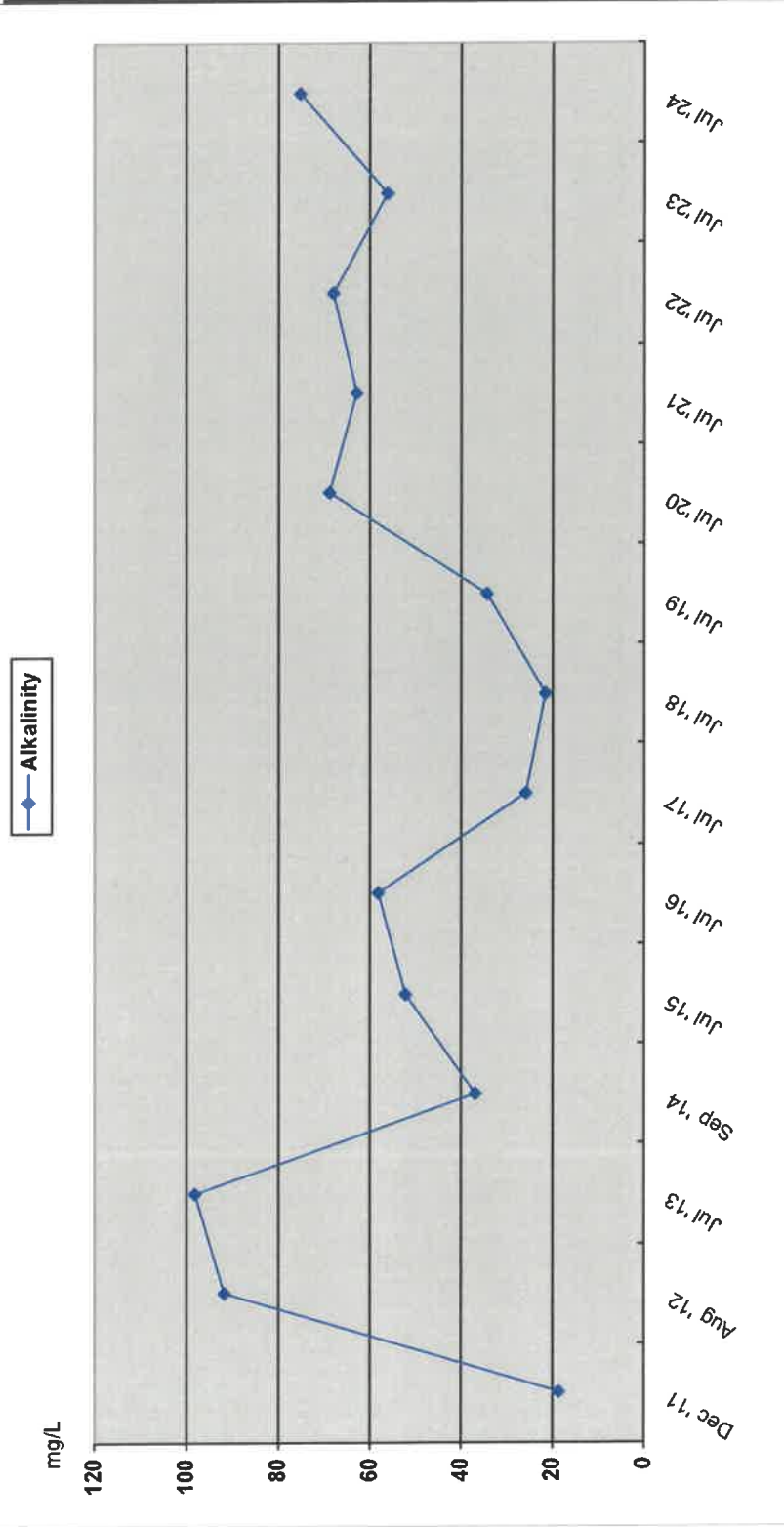
SURFACE WATER LOCATION: E-2

| Date       | Time  | Flow  | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS  | TDS | PO4  | DO | Al   | As    | Cd    | Ca   | Cu    | Pb   | Mg   | Mn     | Hg     | Mo     | Se    | Na    | Zn    | Oil   | Grease | Fe-Tr | Fe-Dis |      |
|------------|-------|-------|----------|------------|-----|------|------|------|----|---------|-----|------|-----|------|----|------|-------|-------|------|-------|------|------|--------|--------|--------|-------|-------|-------|-------|--------|-------|--------|------|
| 5/20/2004  | 11:30 | 0.6   | 8.79     | 450        | 12  |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 4/14/2004  | 15:45 | 13.25 | 8.66     | 300        | 13  |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 10/13/2003 | 14:00 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 9/17/2003  | 14:00 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 8/26/2003  | 23:50 | 0.002 | 8.52     | 890        | 18  |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 7/28/2003  | 14:00 | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 6/17/2003  | 14:45 | 0.09  | 8.82     | 680        | 20  | 360  | 8.48 | 710  | 5  | 0.08    | 78  | 18   | 450 | 0.01 |    |      |       |       | 45   |       |      | 14.0 |        |        |        |       | 96    |       |       |        |       | 1.7    | 0.01 |
| 5/13/2003  | 14:45 | 0.11  | 8.8      | 240        | 9   |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 4/21/2003  | 11:30 | 8.8   | 8.91     | 260        | 7   |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 9/6/2002   |       | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 6/25/2002  |       | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 6/29/2001  | 13:40 |       | 8.4      | 700        |     | 400  | 8.80 | 976  | 18 | 0.46    | 150 | 6    | 670 | 0.01 |    | 0.2  | 0.002 | 0.005 | 42.2 | 0.005 | 0.05 | 0.05 | 15.8   | 0.013  | 0.0002 | 0.05  | 0.002 | 142   | 0.122 | 0      | 0     | 0.54   |      |
| 3/30/2001  | 13:00 |       | 8.5      | 600        |     | 300  | 8.48 | 581  | 7  | 0.12    | 58  | 57   | 370 | 0.01 |    | 1.07 | 0.002 | 0.005 | 45.4 | 0.012 | 0.05 | 0.05 | 11.7   | 0.028  | 0.0002 | 0.05  | 0.002 | 72.4  | 0.315 | 0      | 0     | 1.1    |      |
| 3/28/2001  | 10:27 |       | 8        | 300        | 7   | 171  | 8.26 | 416  | 4  | 0.08    | 21  | 316  | 286 | 0.04 |    | 15.9 | 0.002 | 0.005 | 35.2 | 0.043 | 0.05 | 8.0  | 0.238  | 0.0002 | 0.05   | 0.002 | 49.6  | 0.06  | 0     | 0      | 14    |        |      |
| 12/29/2000 | 9:48  |       | 7.8      | 200        | 5   | 120  | 7.93 | 228  | 9  | 0.14    | 18  | 140  | 150 | 0.01 |    | 0.52 | 0.004 | 0.005 | 23.3 | 0.005 | 0.05 | 4.6  | 0.016  | 0.0002 | 0.05   | 0.002 | 13.4  | 0.024 | 0     | 0      | 0.71  |        |      |
| 6/29/2000  |       |       | 8.3      | 700        | 18  | 366  | 8.49 | 840  | 9  | 0.34    | 93  | 5    | 540 | 0.01 |    | 0.09 | 0.002 | 0.005 | 28.8 | 0.005 | 0.05 | 9.4  | 0.005  | 0.0002 | 0.05   | 0.002 | 123   | 0.026 | 0     | 0      | 0.09  |        |      |
| 9/24/1999  | 8:16  | 0     |          |            |     |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 6/29/1999  | 13:40 | 0     | 8        | 700        | 18  | 347  | 9.00 | 806  | 9  | 0.03    | 128 | 5    | 511 | 0.01 |    | 0.13 | 0.008 | 0.005 | 12.1 | 0.005 | 0.05 | 6.0  | 0.0002 | 0.05   | 0.0002 | 74.4  | 0.005 | 0.005 | 0     | 0      | 0.009 |        |      |
| 3/30/1999  | 12:45 | 10    | 8        | 300        | 7   | 230  | 8.09 | 404  | 3  | 0.11    | 25  | 1128 | 227 | 0.03 | 0  | 39.7 | 0.002 | 0.005 | 49.4 | 0.028 | 0.05 | 15.7 | 0.678  | 0.002  | 0.05   | 0.002 | 45.9  | 0.153 | 0     | 0      | 39    |        |      |
| 3/6/1996   | 10:13 | 75    | 8.6      | 600        | 1   |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |
| 2/22/1996  | 11:10 | 34    | 8.6      | 270        | 2   |      |      |      |    |         |     |      |     |      |    |      |       |       |      |       |      |      |        |        |        |       |       |       |       |        |       |        |      |

NF-1 UPPER N.F. GUNNISON RIVER

# MONITORING CHART FOR 2024 AHR

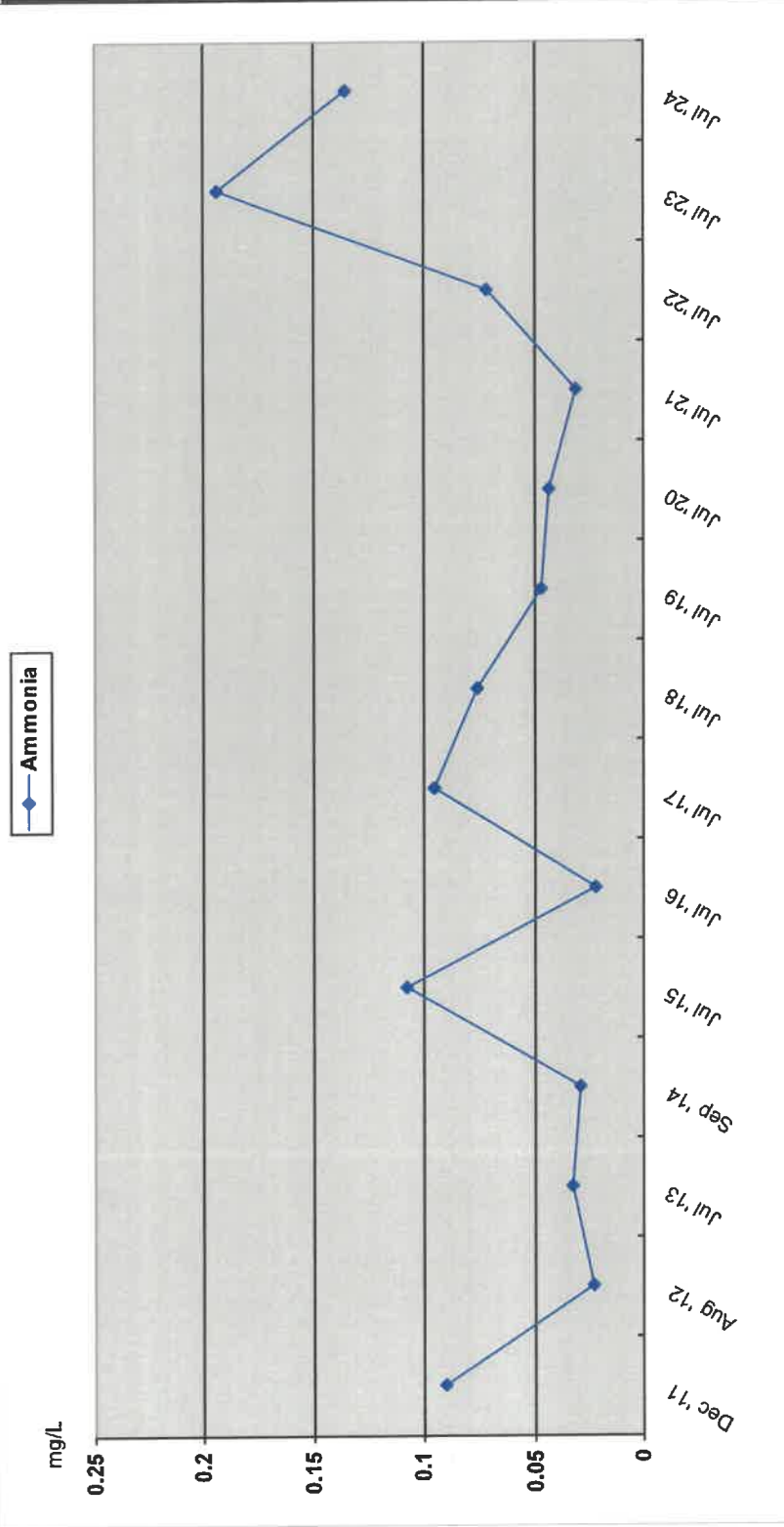
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

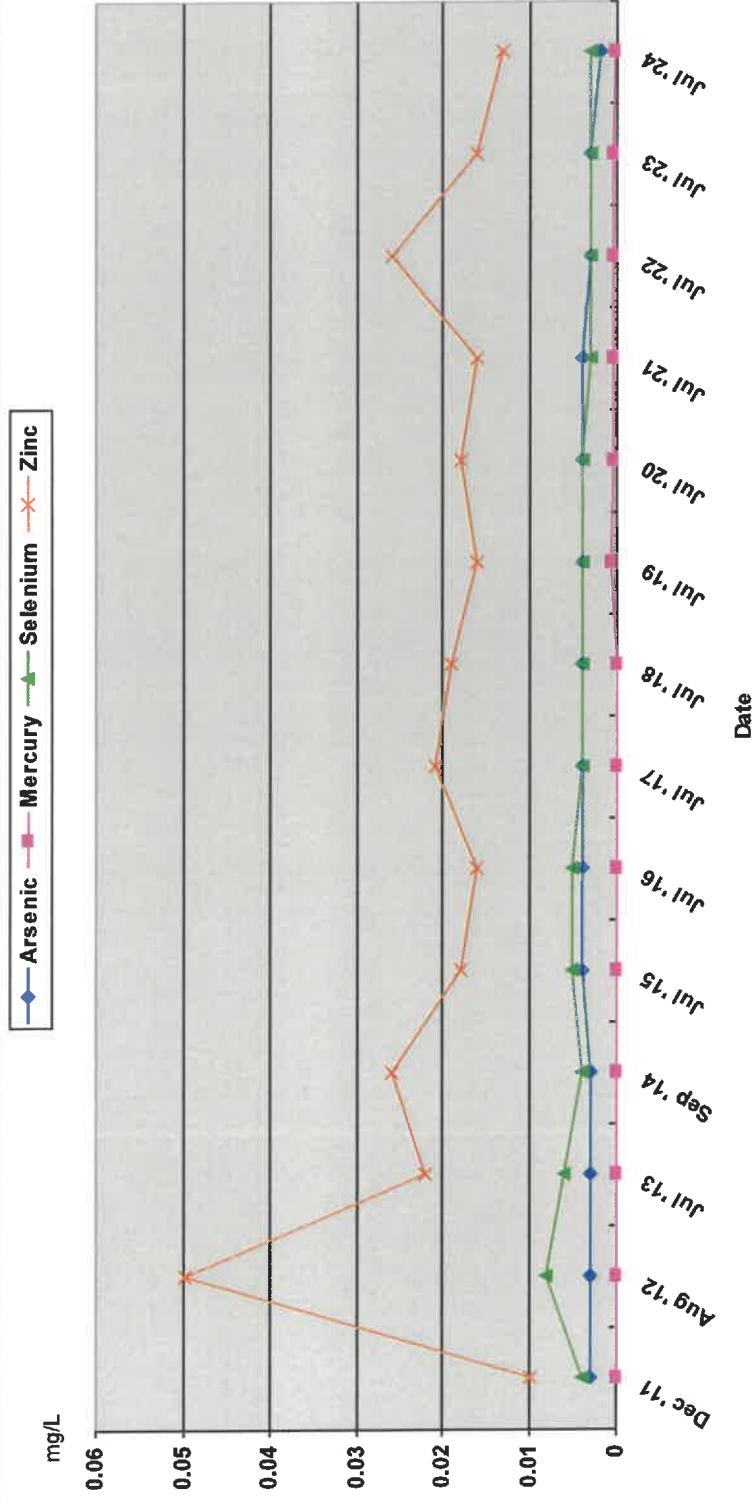
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-1



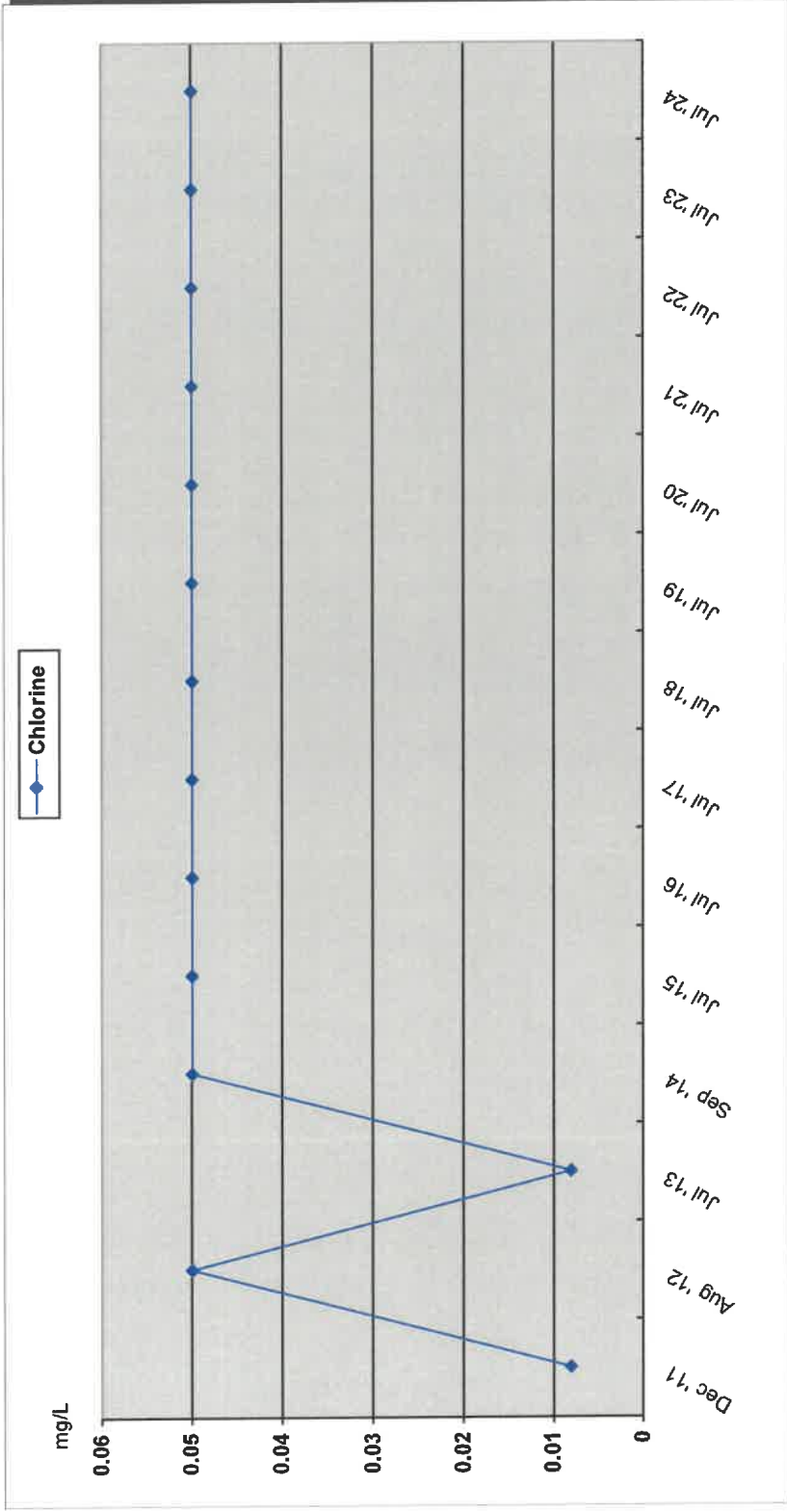
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-1



# MONITORING CHART FOR 2024 AHR

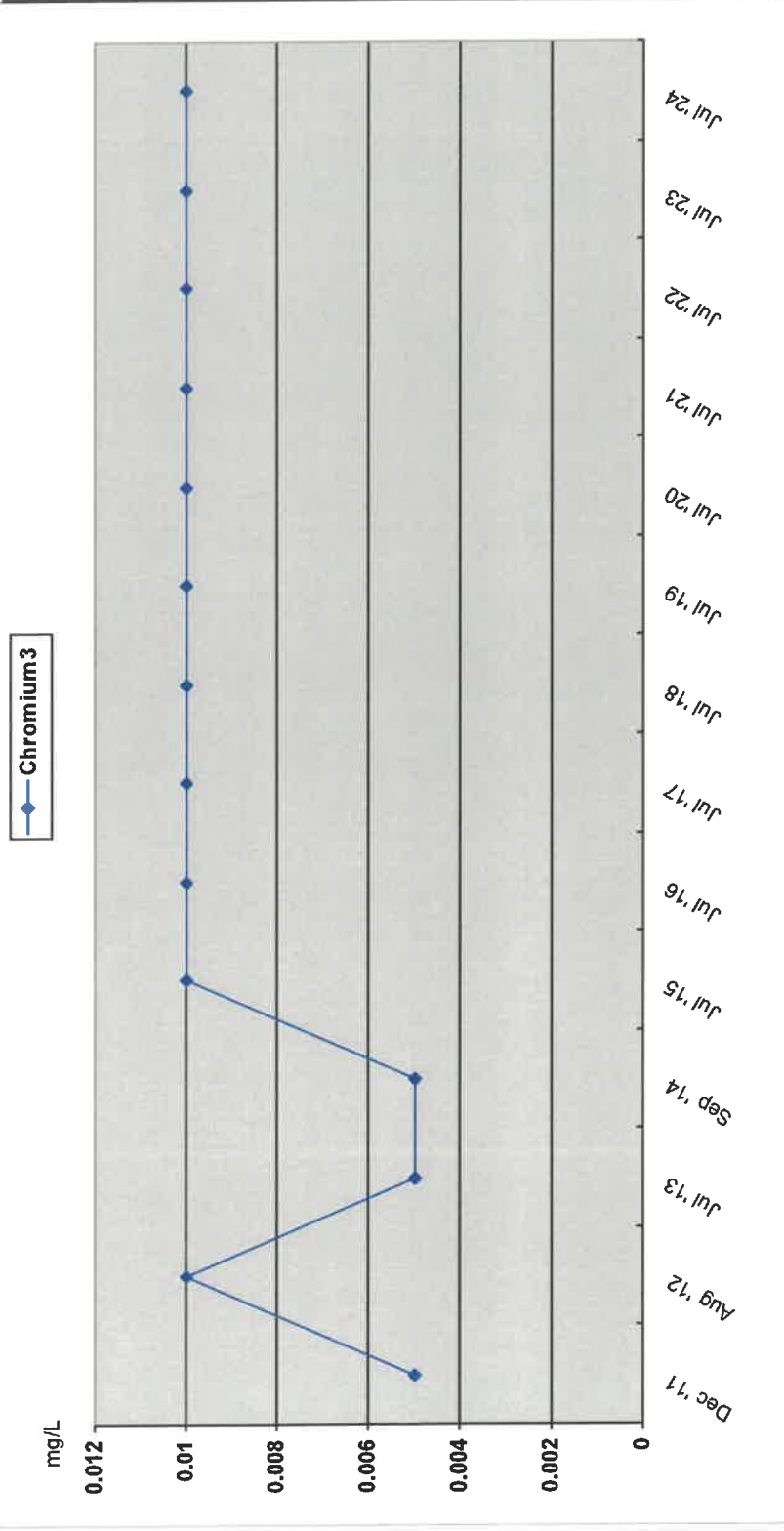
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

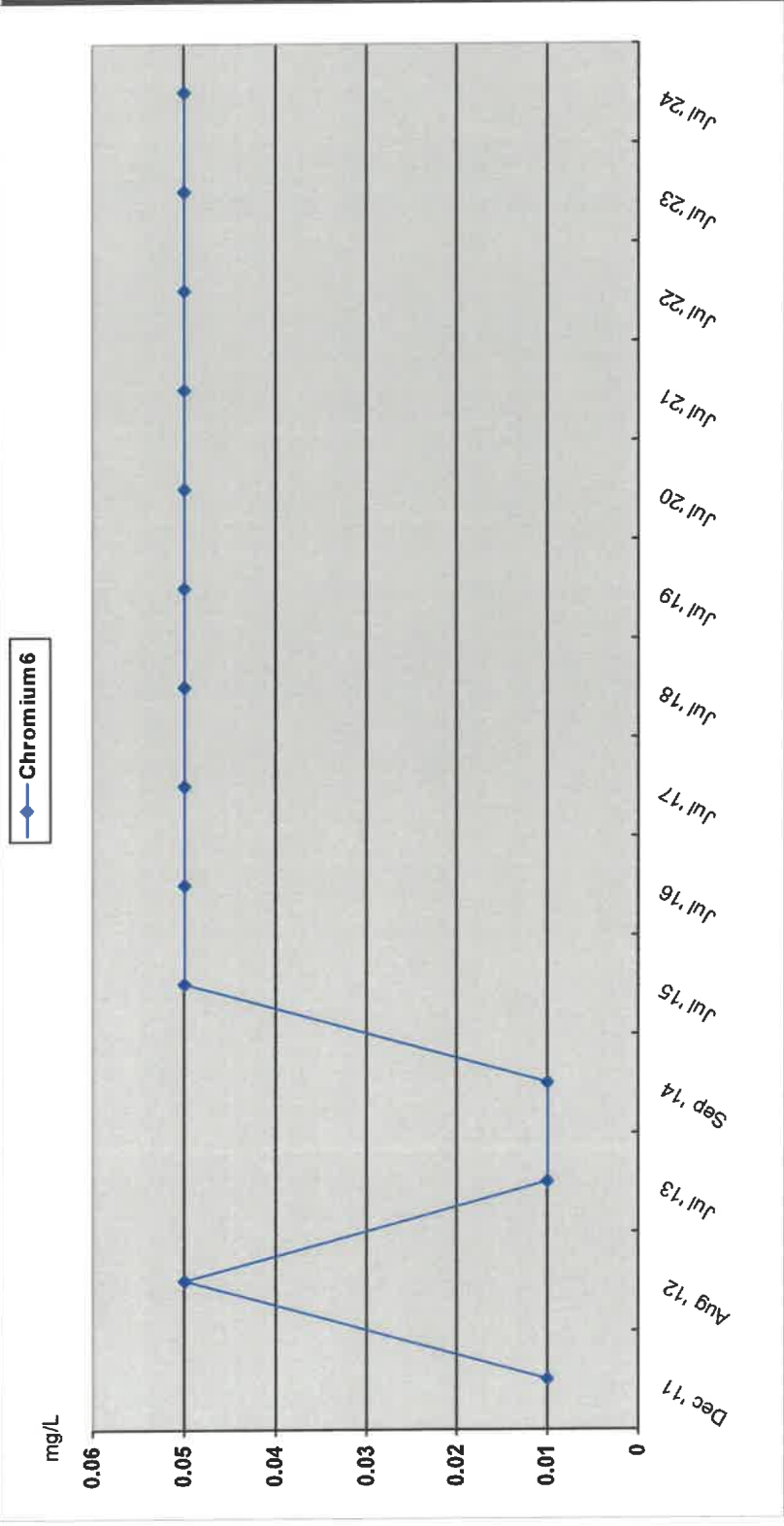
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

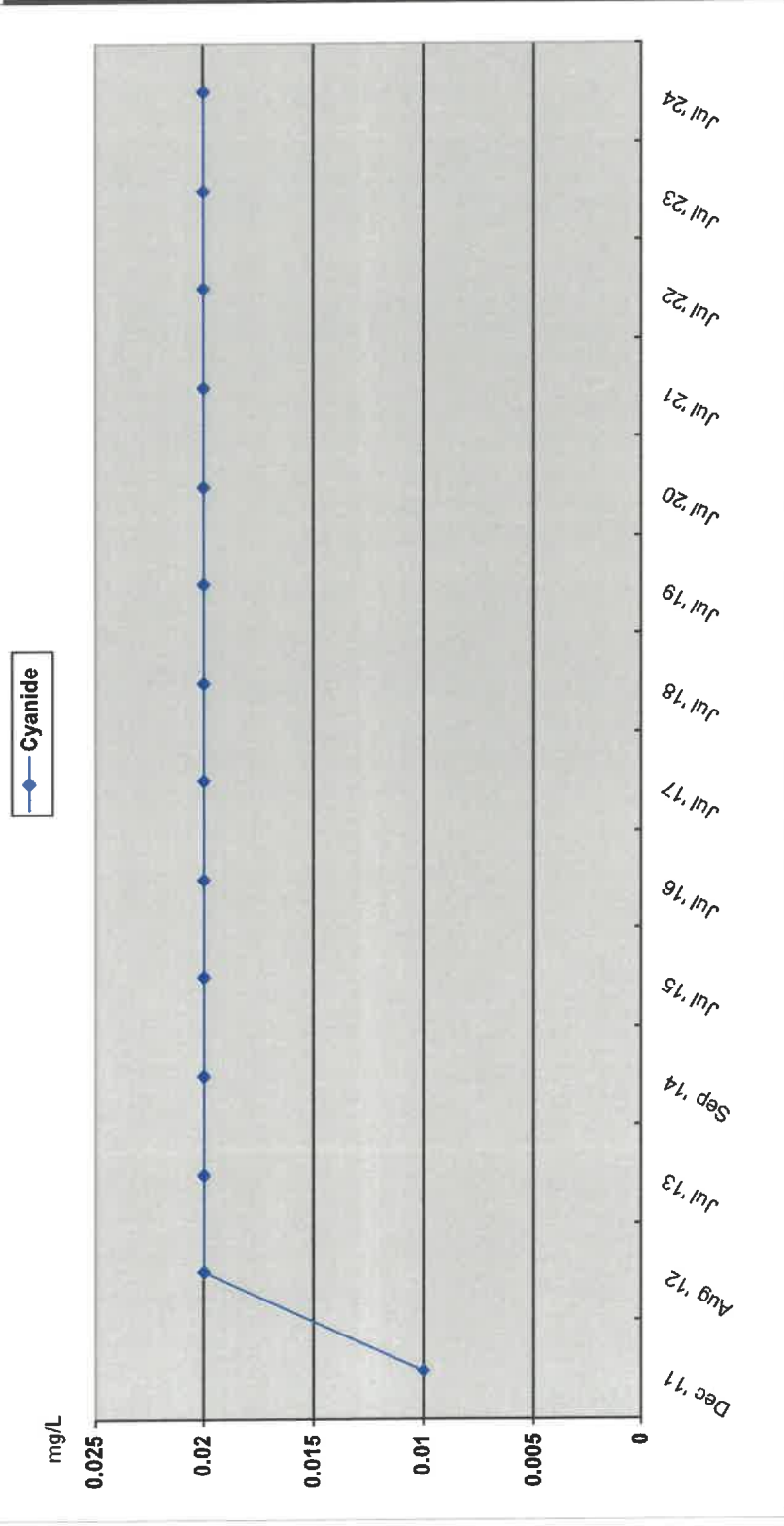
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-1



# MONITORING CHART FOR 2024 AHR

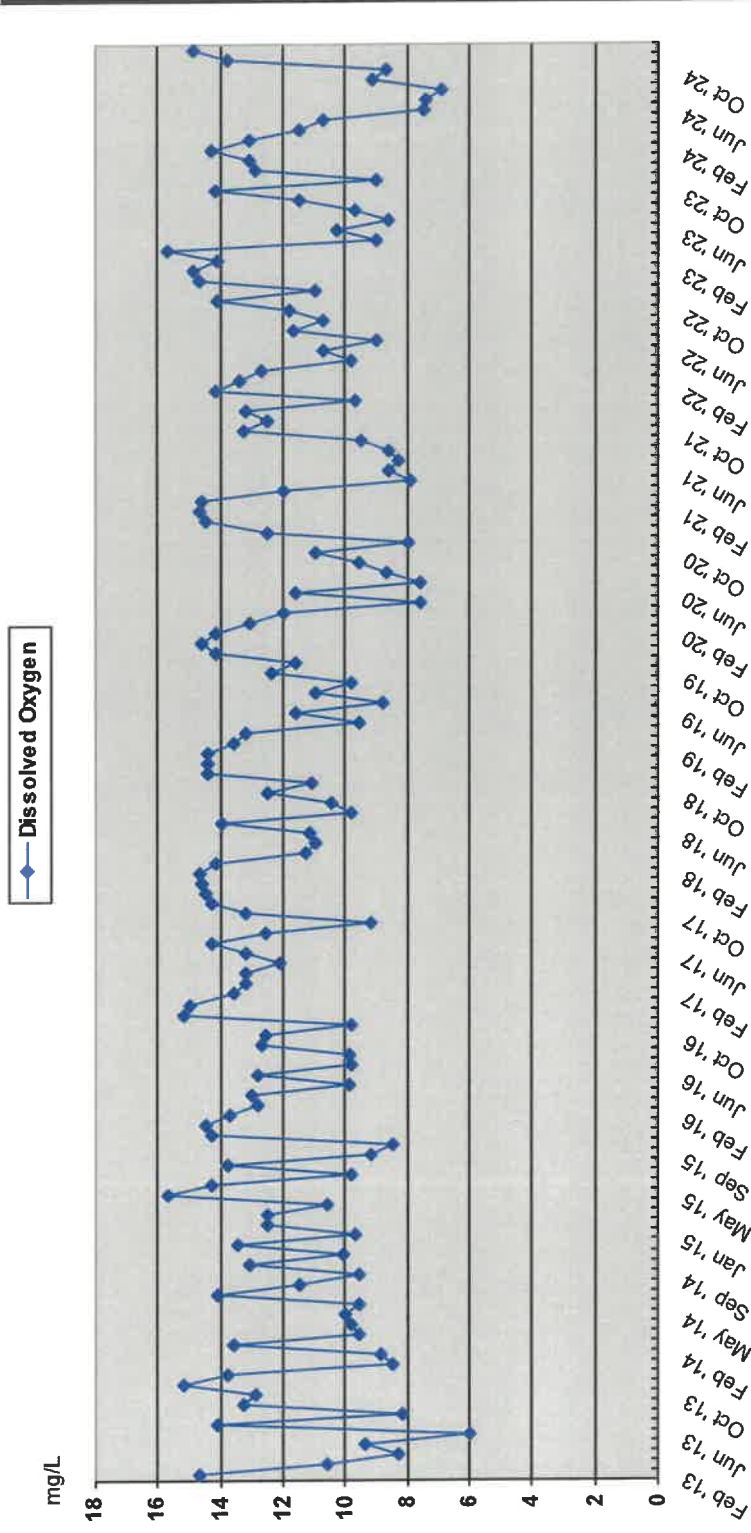
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

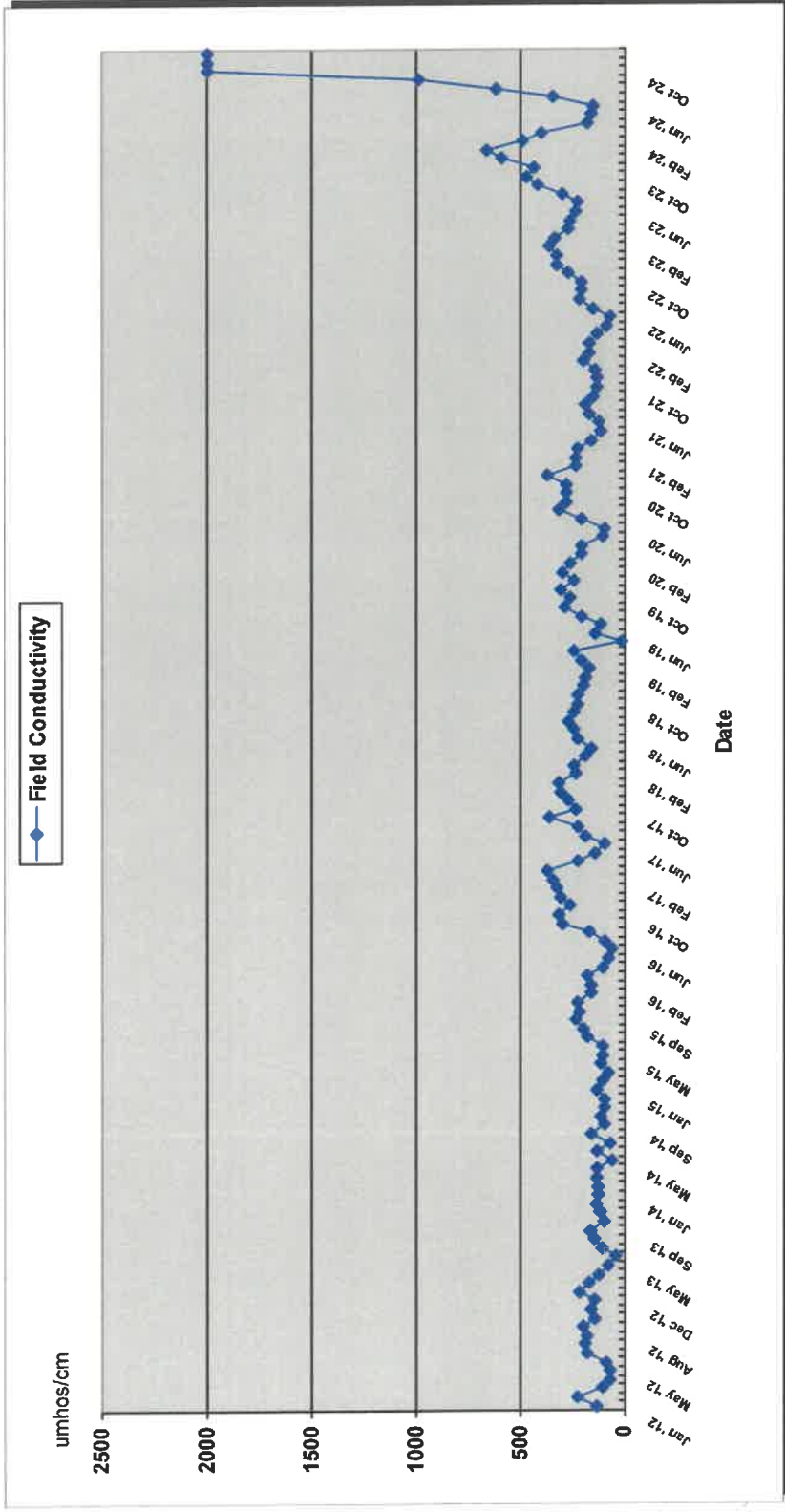
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

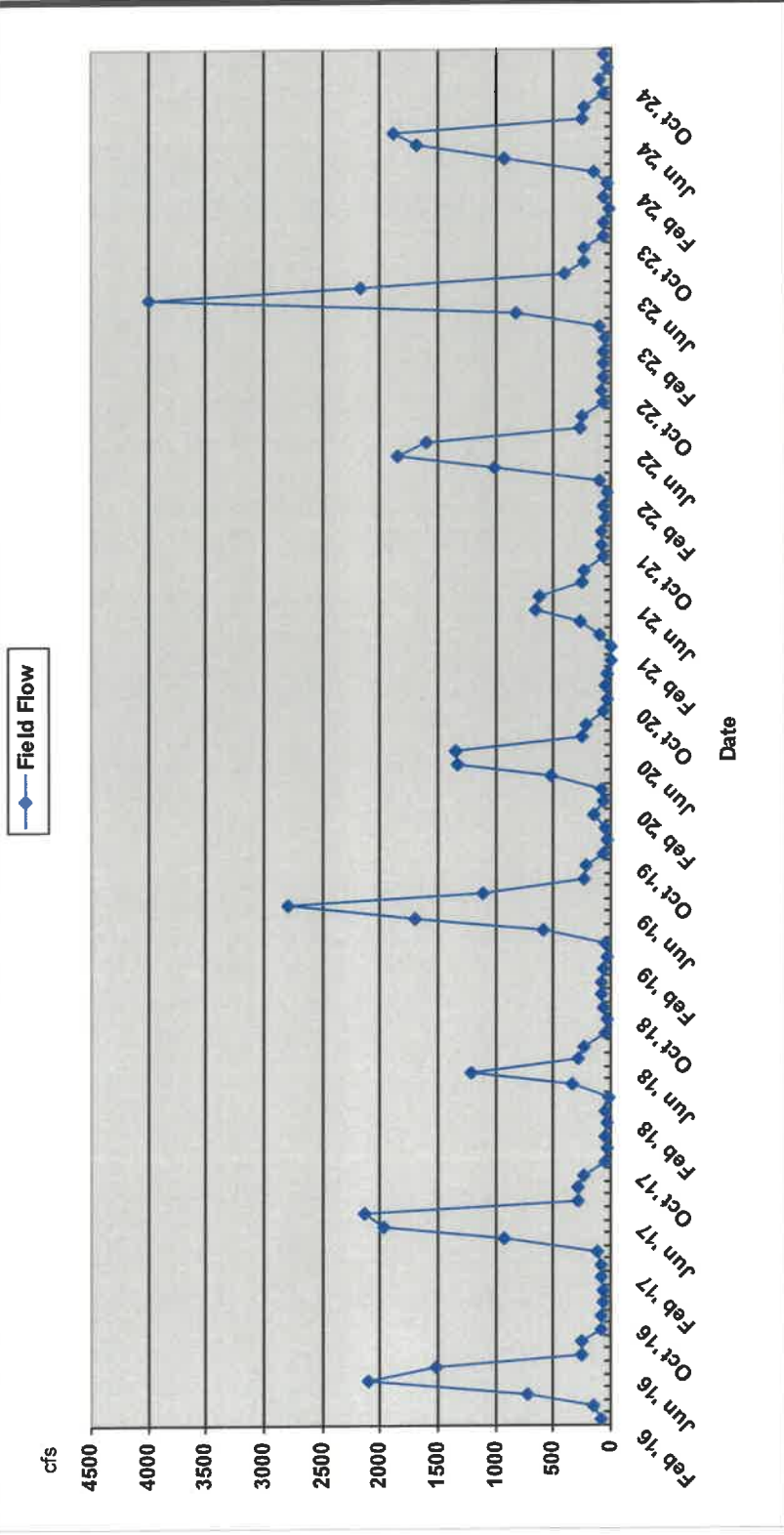
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

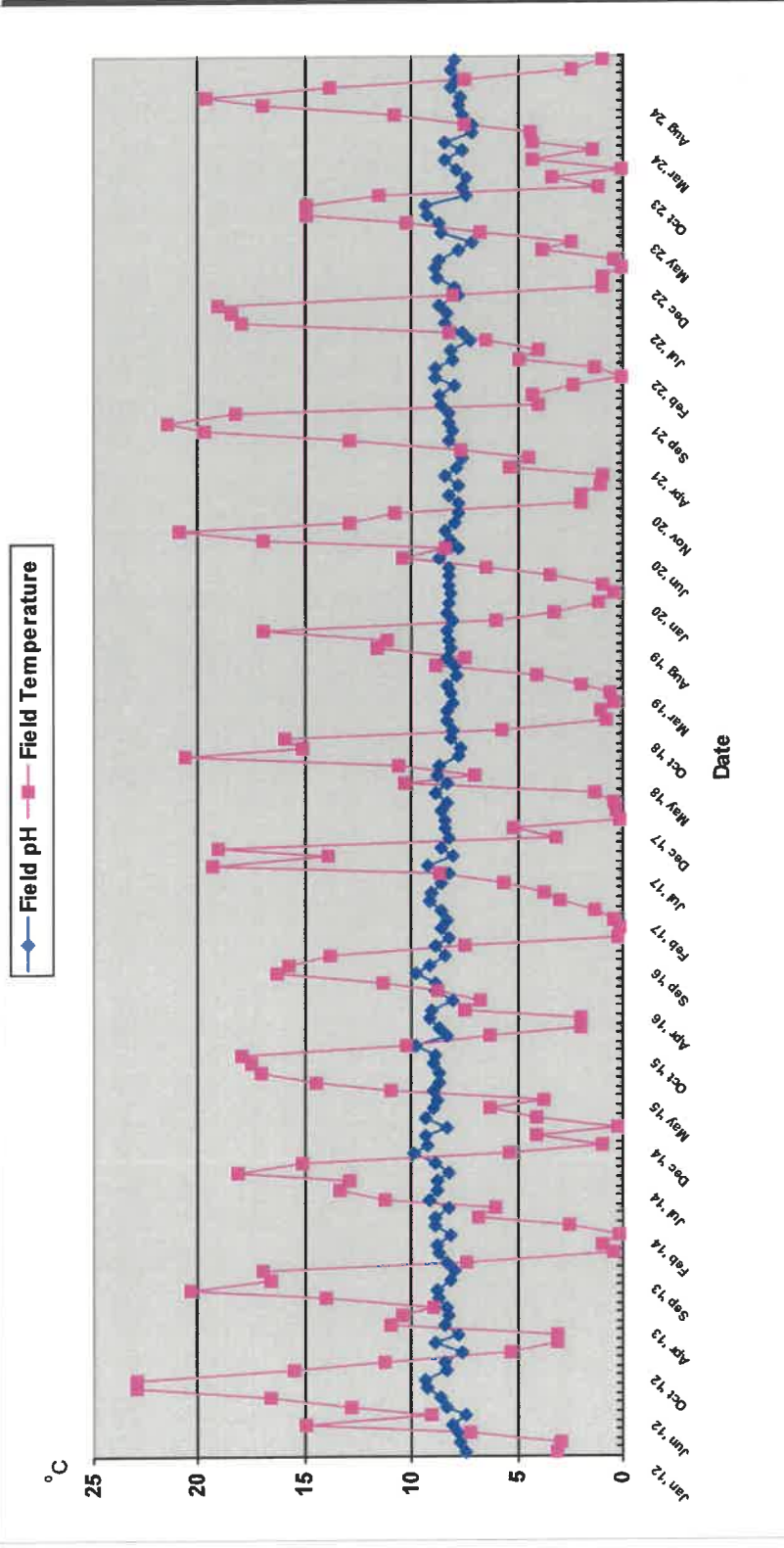
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

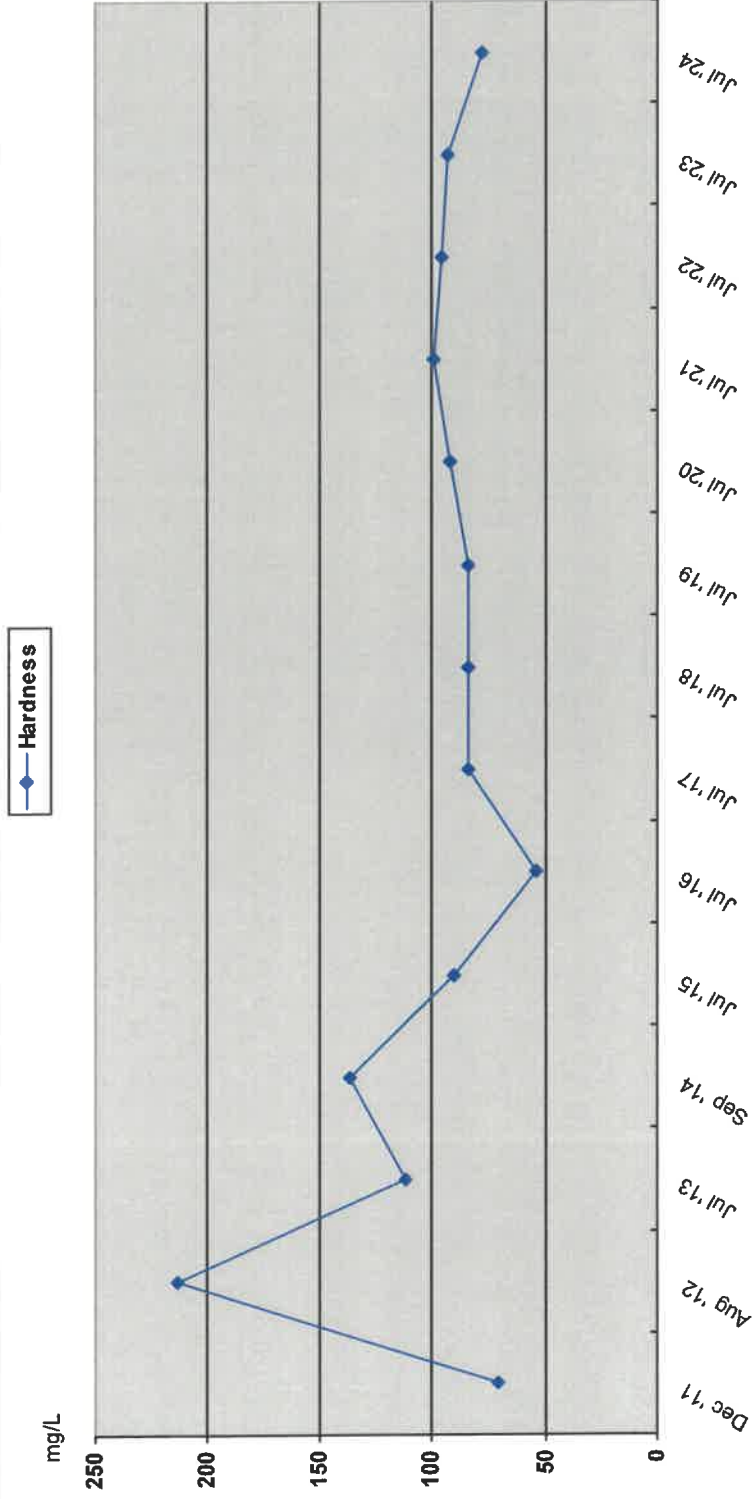
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

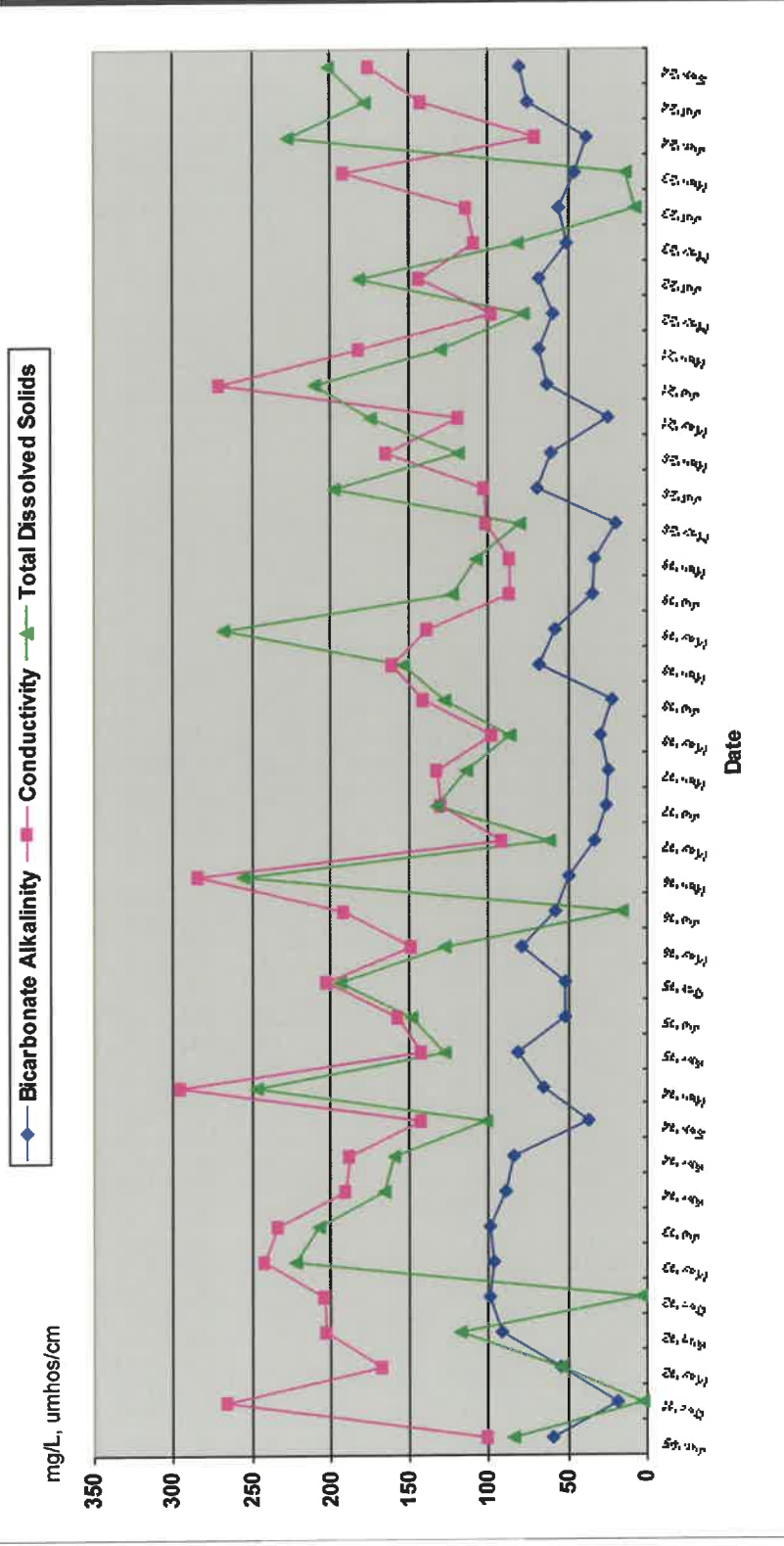
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

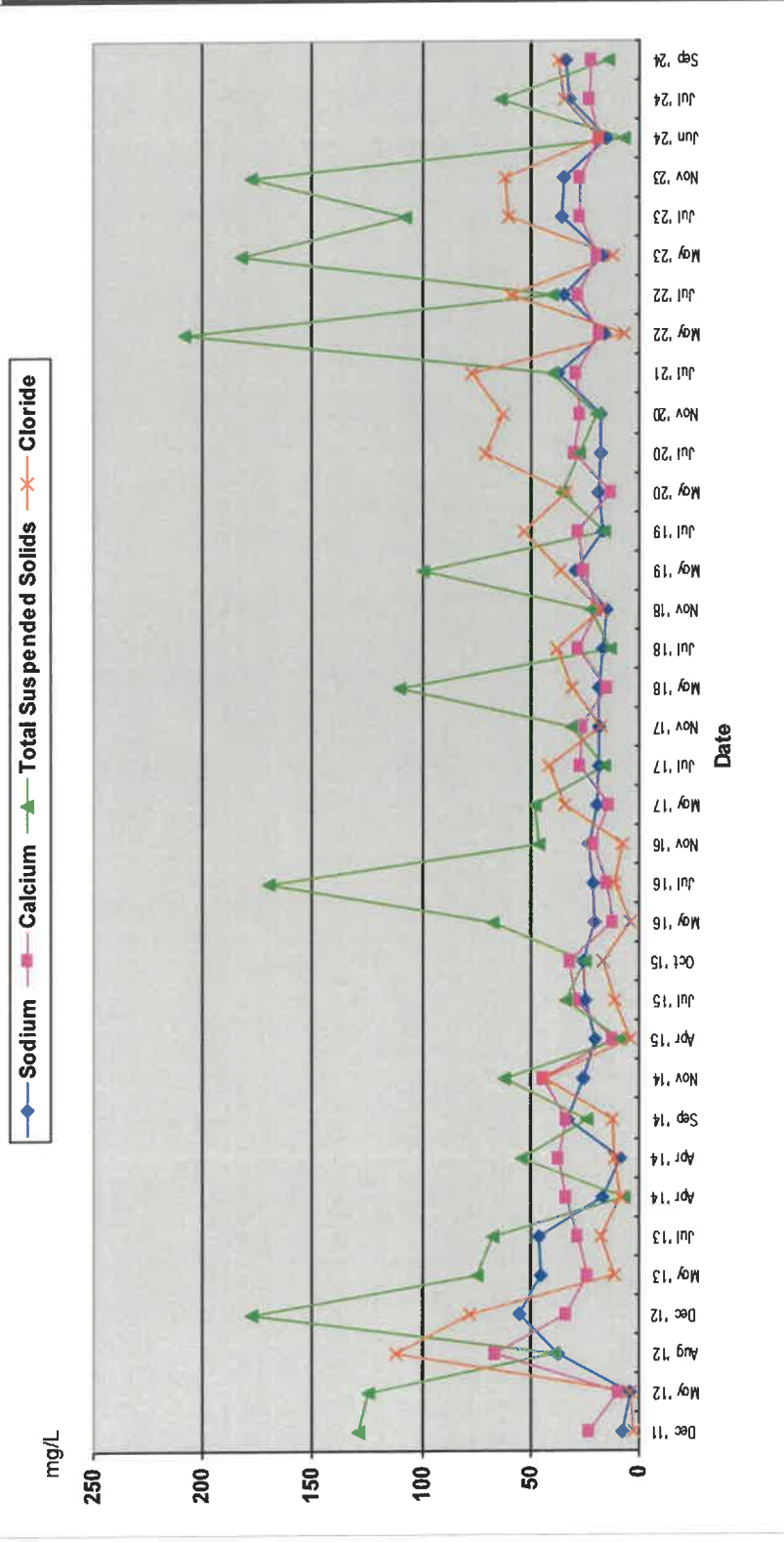
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-1



# MONITORING CHART FOR 2024 AHR

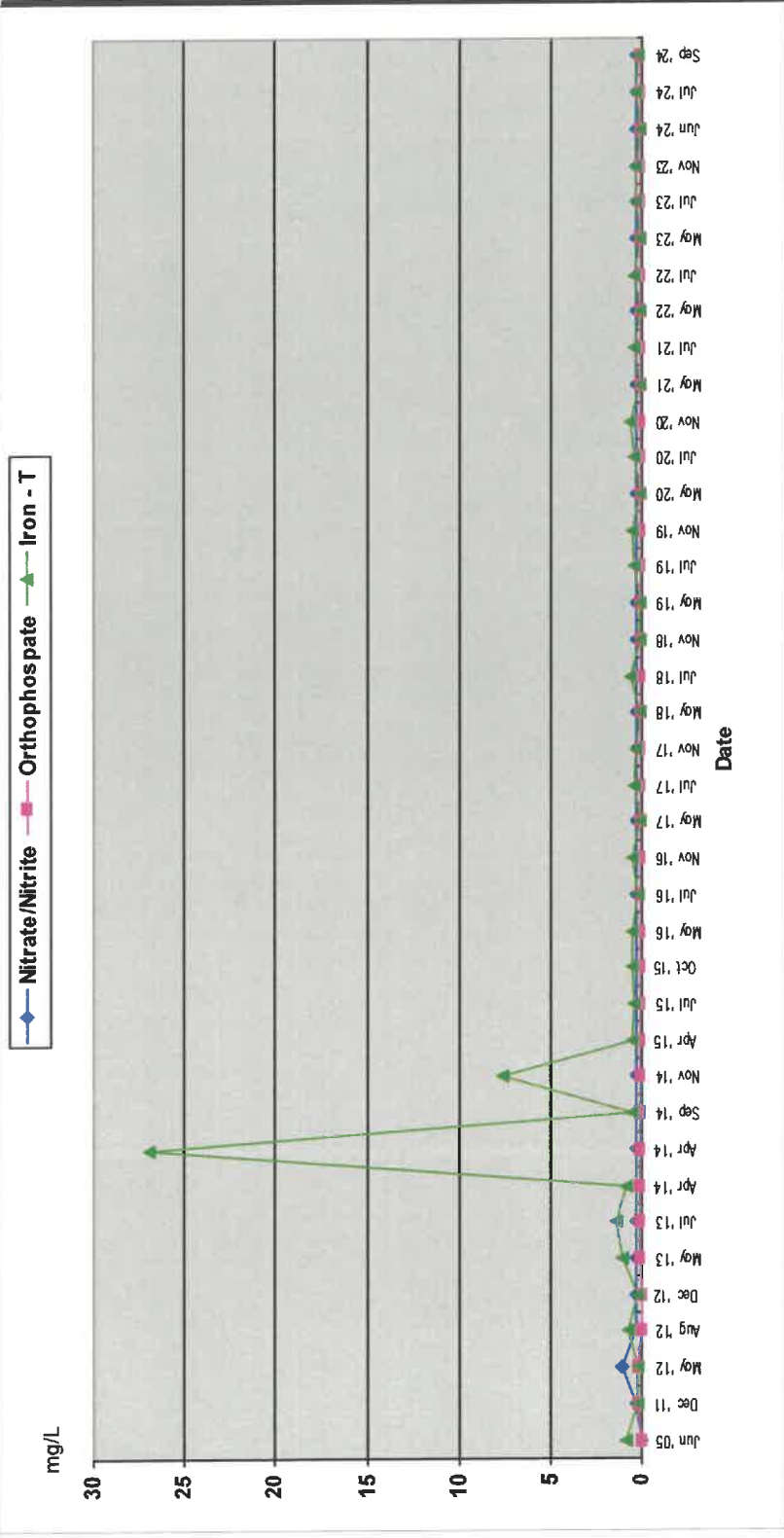
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

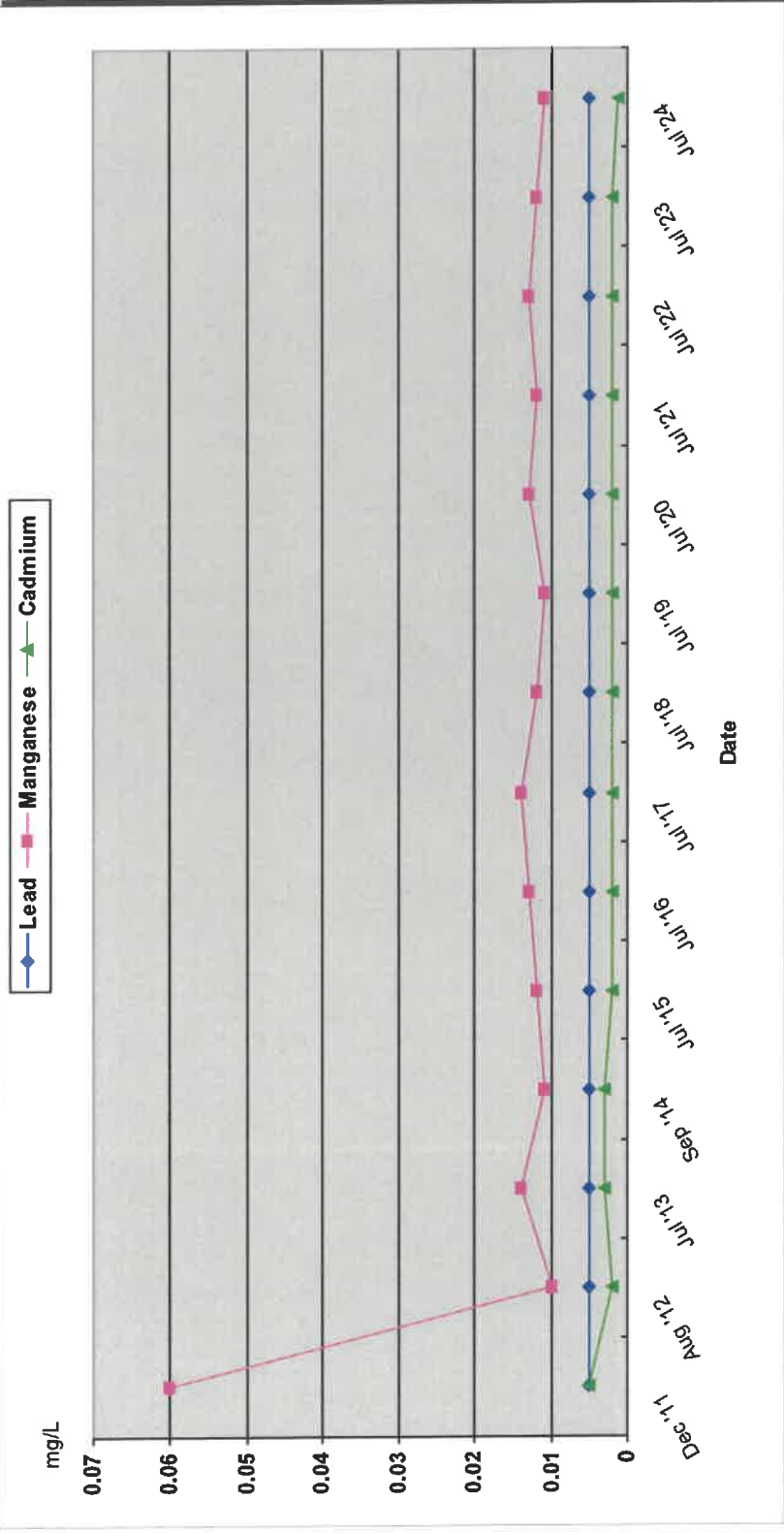
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

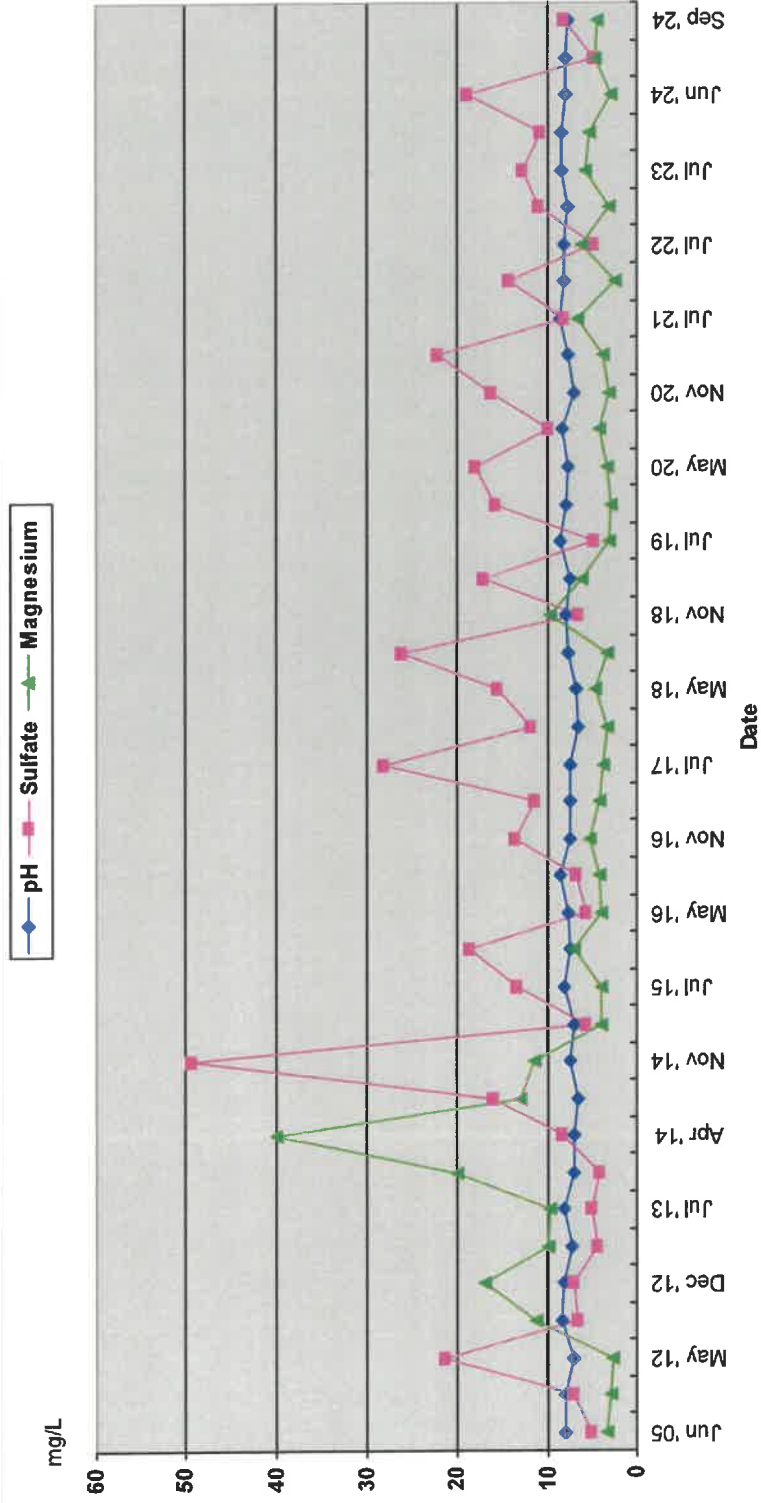
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-1



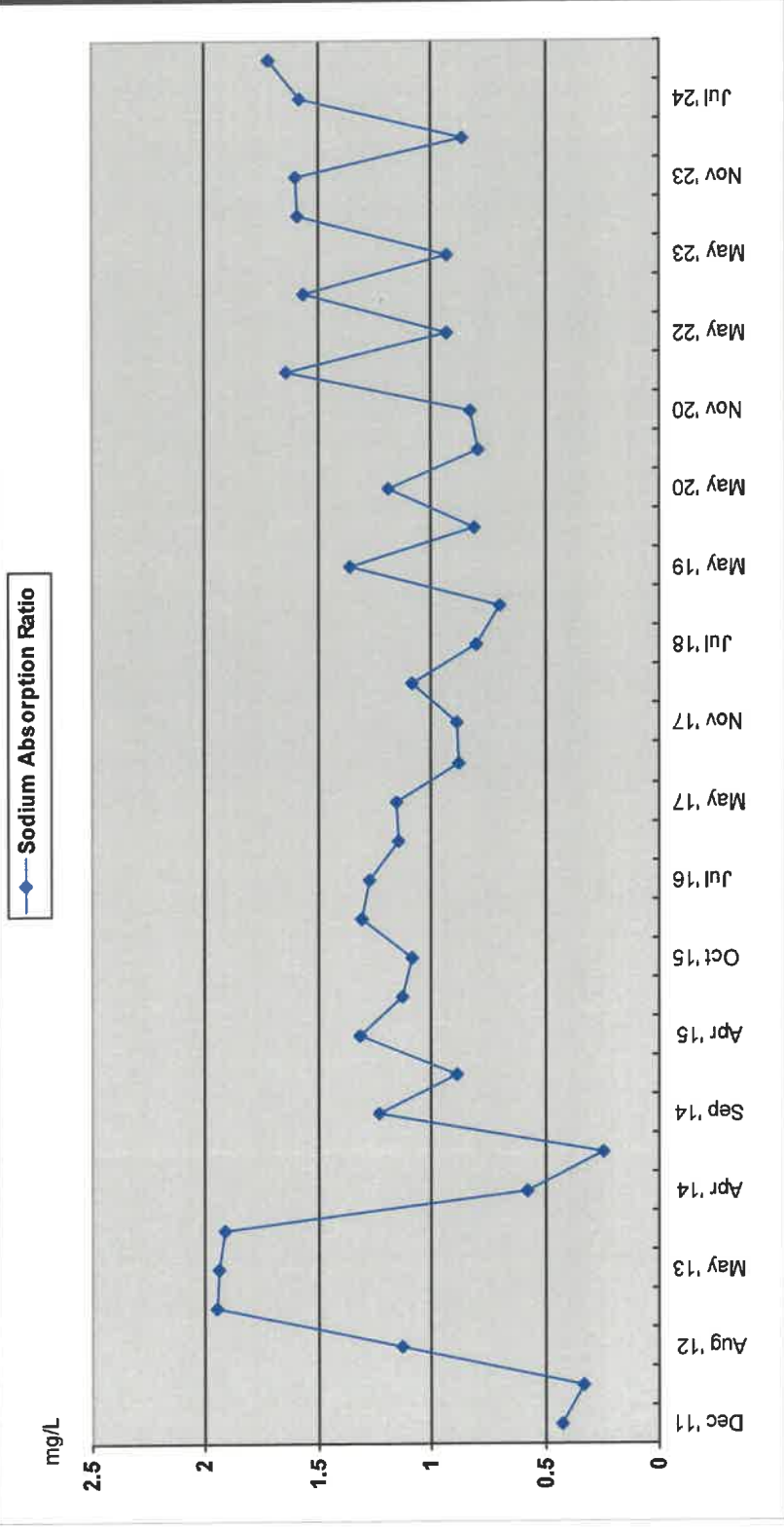
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-1



# MONITORING CHART FOR 2024 AHR

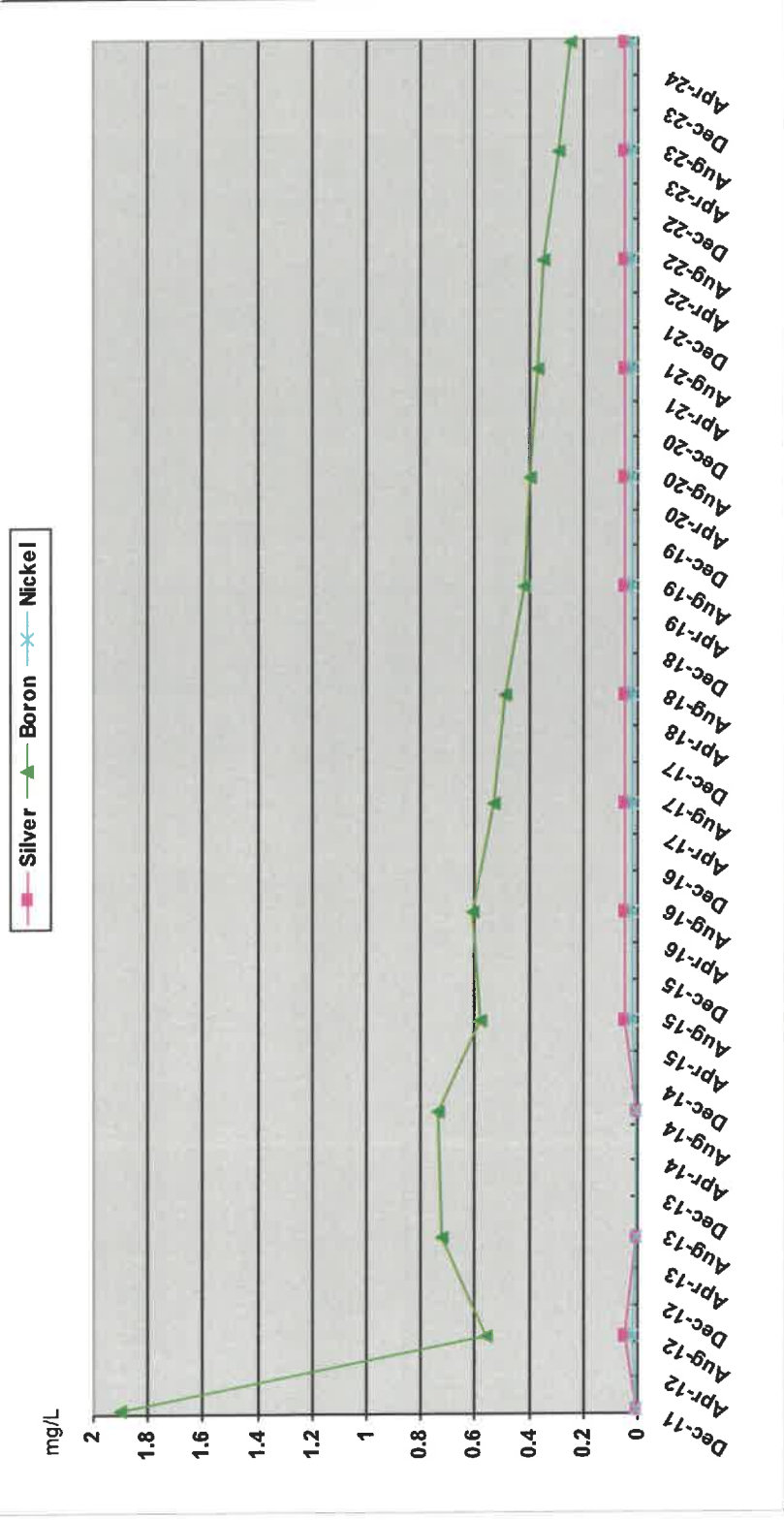
SURFACE WATER LOCATION: NF-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-1



# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-1

| Date       | Time  | Flow | Field | pH | Field | Cond | Tem  | HCO3 | pH  | Cond  | Cl   | NO3/NO2 | SO4 | TSS | TDS  | PO4  | DO | Al     | As     | Cd   | Ca | Cu    | Pb  | Mg    | Mn      | Hg | Mo    | Se    | Na    | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|-------|----|-------|------|------|------|-----|-------|------|---------|-----|-----|------|------|----|--------|--------|------|----|-------|-----|-------|---------|----|-------|-------|-------|----|-----|--------|-------|--------|
| 12/10/2024 | 12:10 | 64   | 8     |    | 2000  | 1    |      |      |     |       |      |         |     |     |      | 14.9 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 11/11/2024 | 13:33 | 42   | 8.2   |    | 2000  | 2.5  |      |      |     |       |      |         |     |     |      | 13.8 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 10/29/2024 | 12:45 | 98.6 | 7.9   |    | 2000  | 7.5  |      |      |     |       |      |         |     |     |      | 8.7  |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 8/11/2024  | 13:41 | 88.6 | 8.2   |    | 988   | 13.9 | 80   | 7.79 | 176 | 37.49 | 0.3  | 8.23    | 14  | 202 | 0.08 | 9.1  |    |        |        |      |    |       |     |       |         |    |       |       | 33.67 |    |     | 0      | 0.211 | 0.165  |
| 8/19/2024  | 14:45 | 241  | 7.7   |    | 614   | 10.7 |      |      |     |       |      |         |     |     |      | 6.9  |    |        |        | 21.8 |    |       |     | 4.4   |         |    |       |       |       |    |     |        |       |        |
| 7/22/2024  | 14:40 | 260  | 7.8   |    | 349   | 17   | 75.2 | 7.91 | 142 | 34.99 | 0.3  | 4.94    | 64  | 178 | 0.08 | 7.4  |    | 0.0018 | 0.0013 | 23.5 |    | 0.005 | 4.7 | 0.011 | 0.00033 |    | 0.003 | 32.19 | 0.013 | 0  |     | 0.278  | 0.24  |        |
| 6/10/2024  | 14:33 | 1880 | 7.6   |    | 155   | 10.8 | 38.4 | 7.91 | 71  | 18.48 | 0.3  | 18.93   | 7.5 | 228 | 0.08 | 7.5  |    |        |        | 18.7 |    |       |     | 2.9   |         |    |       |       | 15.2  |    |     | 0      | 0.088 | 0.016  |
| 5/31/2024  | 11:20 | 1690 | 7.2   |    | 185   | 7.5  |      |      |     |       |      |         |     |     |      | 10.7 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 4/26/2024  | 10:51 | 925  | 7.2   |    | 180   | 4.4  |      |      |     |       |      |         |     |     |      | 11.5 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 3/27/2024  | 12:00 | 157  | 8.5   |    | 402   | 4.3  |      |      |     |       |      |         |     |     |      | 13.1 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 2/28/2024  | 11:00 | 28.8 | 7.6   |    | 492   | 1.5  |      |      |     |       |      |         |     |     |      | 14.3 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 1/29/2024  | 13:10 | 59   | 8.5   |    | 688   | 4.3  |      |      |     |       |      |         |     |     |      | 13.1 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 12/19/2023 | 10:00 | 23   | 7.9   |    | 589   | 0.1  |      |      |     |       |      |         |     |     |      | 12.9 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 11/14/2023 | 13:30 | 71.8 | 7.4   |    | 433   | 3.4  | 48.1 | 8.35 | 192 | 62.48 | 0.3  | 10.7    | 178 | 14  | 0.08 | 9    |    |        |        | 27.4 |    |       |     | 5.2   |         |    |       |       | 34.88 |    |     | 0      | 0.287 | 0.026  |
| 10/23/2023 | 12:30 | 66.6 | 7.6   |    | 469   | 1.2  |      |      |     |       |      |         |     |     |      | 14.2 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 9/27/2023  | 11:00 | 229  | 7.4   |    | 416   | 11.8 |      |      |     |       |      |         |     |     |      | 11.5 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 8/24/2023  | 12:00 | 234  | 8.4   |    | 301   | 15   |      |      |     |       |      |         |     |     |      | 9.7  |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 7/17/2023  | 11:45 | 402  | 9.3   |    | 223   | 15   | 56   | 8.48 | 114 | 80.49 | 0.3  | 12.76   | 108 | 8   | 0.08 | 8.6  |    | 0.003  | 0.002  | 27.9 |    | 0.005 | 5.7 | 0.012 | 0.00037 |    | 0.003 | 35.24 | 0.016 | 0  |     | 0.321  | 0.028 |        |
| 6/22/2023  | 14:05 | 2180 | 8.7   |    | 235   | 10.3 |      |      |     |       |      |         |     |     |      | 10.3 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 5/22/2023  | 11:40 | 3990 | 8.6   |    | 262   | 6.8  | 51.2 | 7.83 | 109 | 12.5  | 0.3  | 11.11   | 182 | 82  | 0.08 | 9    |    |        |        | 19.3 |    |       |     | 3.1   |         |    |       |       | 16.8  |    |     | 0      | 0.077 | 0.014  |
| 4/21/2023  | 12:45 | 830  | 7.2   |    | 272   | 2.5  |      |      |     |       |      |         |     |     |      | 15.7 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 3/23/2023  | 13:00 | 99   | 7.8   |    | 335   | 3.9  |      |      |     |       |      |         |     |     |      | 14.1 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 2/10/2023  | 12:00 | 55   | 8.7   |    | 366   | 0.5  |      |      |     |       |      |         |     |     |      | 14.8 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 1/31/2023  | 10:30 | 72   | 8.9   |    | 330   | 0.1  |      |      |     |       |      |         |     |     |      | 14.7 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 12/7/2022  | 14:00 | 70   | 8.8   |    | 326   | 1    |      |      |     |       |      |         |     |     |      | 11   |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 11/15/2022 | 14:00 | 75   | 8     |    | 272   | 1    |      |      |     |       |      |         |     |     |      | 14.1 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 10/12/2022 | 12:00 | 80.8 | 7.8   |    | 212   | 8.1  |      |      |     |       |      |         |     |     |      | 11.8 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 9/8/2022   | 14:40 | 71.8 | 8.7   |    | 211   | 19.1 |      |      |     |       |      |         |     |     |      | 10.7 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 8/12/2022  | 12:20 | 252  | 8.4   |    | 222   | 18.5 |      |      |     |       |      |         |     |     |      | 11.7 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 7/18/2022  | 14:30 | 272  | 8.5   |    | 157   | 18   | 88   | 8.15 | 143 | 60    | 0.3  | 4.94    | 40  | 182 | 0.08 | 9    |    | 0.003  | 0.002  | 28.2 |    | 0.005 | 6.1 | 0.013 | 0.00042 |    | 0.003 | 35.11 | 0.026 | 0  |     | 0.376  | 0.033 |        |
| 6/7/2022   | 10:10 | 1600 | 7.6   |    | 77    | 8.3  |      |      |     |       |      |         |     |     |      | 10.7 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 5/6/2022   | 12:40 | 1850 | 7.3   |    | 93    | 6.5  | 59.2 | 8.16 | 98  | 7.5   | 0.37 | 14.41   | 208 | 78  | 0.08 | 9.8  |    |        |        | 16.9 |    |       |     | 2.4   |         |    |       |       | 16.2  |    |     | 0      | 0.08  | 0.013  |
| 4/26/2022  | 10:30 | 1010 | 8.2   |    | 136   | 4    |      |      |     |       |      |         |     |     |      | 12.7 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 3/24/2022  | 13:45 | 101  | 8.1   |    | 175   | 5    |      |      |     |       |      |         |     |     |      | 13.4 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 2/28/2022  | 14:30 | 33.8 | 8.9   |    | 172   | 1.4  |      |      |     |       |      |         |     |     |      | 14.2 |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |
| 1/31/2022  | 11:00 | 60   | 8.9   |    | 202   | 0.1  |      |      |     |       |      |         |     |     |      | 9.7  |    |        |        |      |    |       |     |       |         |    |       |       |       |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond | CI    | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As    | Cd    | Ca    | Cu | Pb    | Mg  | Mn    | Hg      | Mo | Se    | Na    | Zn    | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|----------|------------|------|-------|------|------|-------|---------|-------|-----|-----|------|------|----|-------|-------|-------|----|-------|-----|-------|---------|----|-------|-------|-------|-----|--------|-------|--------|
| 12/22/2021 | 11:45 | 53.7 | 8        | 150        | 2.4  |       |      |      |       |         |       |     |     |      | 13.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/18/2021  | 12:30 | 80.9 | 8.7      | 133        | 4.3  | 88    | 8.73 | 182  | 42.49 | 0.3     | 11.94 | 16  | 130 | 0.08 | 12.5 |    |       |       | 22.57 |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 10/21/2021 | 12:15 | 85.7 | 8.6      | 140        | 4    |       |      |      |       |         |       |     |     |      | 13.3 |    |       |       |       |    |       | 5.7 |       |         |    |       | 33.18 |       |     |        | 0.428 | 0.036  |
| 9/20/2021  | 15:30 | 59.4 | 8.3      | 155        | 18.3 |       |      |      |       |         |       |     |     |      | 9.5  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/12/2021  | 13:55 | 243  | 8.3      | 188        | 21.5 |       |      |      |       |         |       |     |     |      | 8.6  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/29/2021  | 13:45 | 248  | 8.1      | 189        | 19.8 | 83    | 8.55 | 271  | 77.48 | 0.3     | 8.23  | 40  | 210 | 0.08 | 8.3  |    | 0.004 | 0.002 | 28.93 |    | 0.005 | 6.6 | 0.012 | 0.00048 |    | 0.003 | 37.56 | 0.016 |     |        | 0.421 | 0.044  |
| 6/11/2021  | 14:00 | 629  | 8.3      | 130        | 13   |       |      |      |       |         |       |     |     |      | 8.8  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 5/19/2021  | 11:45 | 663  | 7.7      | 120        | 7.7  | 24.51 | 7.78 | 119  | 64.98 | 0.3     | 22.2  | 28  | 174 | 0.08 | 7.9  |    |       |       |       |    |       | 3.8 |       |         |    |       | 27.4  |       |     |        | 0.088 | 0.026  |
| 4/12/2021  | 12:00 | 282  | 7.6      | 160        | 4.5  |       |      |      |       |         |       |     |     |      | 12   |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/18/2021  | 11:25 | 96.9 | 7.9      | 230        | 5.4  |       |      |      |       |         |       |     |     |      | 14.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/24/2021  | 14:00 | 3.2  | 8.5      | 240        | 1    |       |      |      |       |         |       |     |     |      | 14.7 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/21/2021  | 11:30 | 2.1  | 7.8      | 240        | 1.1  |       |      |      |       |         |       |     |     |      | 14.5 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 12/3/2020  | 15:00 | 30.5 | 8.3      | 370        | 2    |       |      |      |       |         |       |     |     |      | 12.5 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 11/17/2020 | 12:30 | 45   | 7.8      | 280        | 2    | 60.61 | 7.10 | 164  | 62.8  | 0.3     | 16.41 | 20  | 119 | 0.08 | 8    |    |       |       | 27.9  |    |       | 3.1 |       |         |    |       | 17.4  |       |     |        | 0.883 | 0.061  |
| 10/6/2020  | 12:50 | 33.9 | 7.8      | 280        | 10.8 |       |      |      |       |         |       |     |     |      | 11   |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 9/15/2020  | 11:30 | 80.9 | 8        | 280        | 13   |       |      |      |       |         |       |     |     |      | 8.6  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/12/2020  | 13:30 | 217  | 8.5      | 320        | 21   |       |      |      |       |         |       |     |     |      | 8.7  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/13/2020  | 14:30 | 250  | 8.2      | 210        | 17   | 66.97 | 8.35 | 103  | 70.9  | 0.3     | 9.88  | 28  | 188 | 0.08 | 7.6  |    | 0.004 | 0.002 | 30.16 |    | 0.005 | 4.1 | 0.013 | 0.0005  |    | 0.004 | 17.67 | 0.018 |     |        | 0.458 | 0.047  |
| 6/2/2020   | 8:10  | 1340 | 7.8      | 100        | 8.5  |       |      |      |       |         |       |     |     |      | 11.6 |    |       |       | 13    |    |       | 3.3 |       |         |    |       | 18.5  |       |     |        | 0.092 | 0.016  |
| 5/18/2020  | 12:40 | 1330 | 8.7      | 110        | 10.5 | 20.38 | 7.78 | 101  | 33.68 | 0.3     | 16.05 | 38  | 80  | 0.08 | 7.8  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 4/27/2020  | 11:05 | 518  | 8.3      | 210        | 8.5  |       |      |      |       |         |       |     |     |      | 12   |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/18/2020  | 11:30 | 82.7 | 8.3      | 210        | 3.5  |       |      |      |       |         |       |     |     |      | 13.1 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/21/2020  | 11:00 | 62   | 8.3      | 280        | 1    |       |      |      |       |         |       |     |     |      | 14.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/9/2020   | 11:40 | 155  | 8.2      | 300        | 0.5  |       |      |      |       |         |       |     |     |      | 14.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 12/9/2019  | 11:15 | 48.3 | 8.3      | 250        | 1.2  |       |      |      |       |         |       |     |     |      | 14.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 11/18/2019 | 14:00 | 35   | 8.4      | 310        | 3.3  | 33.18 | 7.93 | 87   | 47.72 | 0.3     | 15.93 | 15  | 108 | 0.08 | 11.6 |    |       |       |       |    | 0.054 | 3.0 |       |         |    |       |       |       |     |        | 0.517 | 0.054  |
| 10/17/2019 | 13:00 | 72   | 8.1      | 260        | 6.1  |       |      |      |       |         |       |     |     |      | 12.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 9/18/2019  | 13:35 | 224  | 8.4      | 290        | 17   |       |      |      |       |         |       |     |     |      | 9.8  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/20/2019  | 10:00 | 241  | 8.3      | 210        | 11.2 |       |      |      |       |         |       |     |     |      | 11   |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/10/2019  | 12:15 | 1120 | 8.2      | 120        | 11.7 | 34.48 | 8.70 | 87   | 53.49 | 0.3     | 4.94  | 16  | 122 | 0.08 | 8.8  |    | 0.004 | 0.002 | 28.55 |    | 0.005 | 3.1 | 0.011 | 0.0006  |    | 0.004 | 17.2  | 0.016 |     |        | 0.389 | 0.041  |
| 6/7/2019   | 11:00 | 2800 | 8.4      | 150        | 7.5  |       |      |      |       |         |       |     |     |      | 11.8 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 5/13/2019  | 13:15 | 1710 | 8        | 20         | 8.9  | 57.69 | 7.51 | 139  | 36.1  | 0.3     | 17.29 | 100 | 288 | 0.08 | 9.6  |    |       |       | 25.9  |    |       | 8.2 |       |         |    |       | 29.8  |       |     |        | 0.088 | 0.014  |
| 4/12/2019  | 11:10 | 586  | 7.9      | 250        | 4.1  |       |      |      |       |         |       |     |     |      | 13.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/15/2019  | 13:30 | 51   | 8.4      | 210        | 2    |       |      |      |       |         |       |     |     |      | 13.8 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/26/2019  | 8:45  | 30   | 8.2      | 170        | 0.6  |       |      |      |       |         |       |     |     |      | 14.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/29/2019  | 14:00 | 68   | 8.1      | 190        | 0.5  |       |      |      |       |         |       |     |     |      | 14.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-1

| Date       | Time  | Flow | pH  | Field pH | Cond | Tem  | HCO3  | pH   | Cond | CI    | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As    | Cd    | Ca    | Cu | Pb    | Mg  | Mn    | Hg      | Mo | Se    | Na    | Zn    | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|-----|----------|------|------|-------|------|------|-------|---------|-------|-----|-----|------|------|----|-------|-------|-------|----|-------|-----|-------|---------|----|-------|-------|-------|-----|--------|-------|--------|
| 12/10/2018 | 13:10 | 83   | 8.4 |          | 200  | 1.1  |       |      |      |       |         |       |     |     |      | 14.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 11/14/2018 | 13:30 | 81   | 8.4 |          | 230  | 0.8  | 68.33 | 8.04 | 161  | 17.5  | 0.3     | 6.61  | 22  | 153 | 0.08 | 11.1 |    |       | 19.14 |       |    |       | 9.8 |       |         |    |       | 15.16 |       |     | 0      | 0.076 | 0.016  |
| 10/17/2018 | 11:52 | 64.1 | 8.1 |          | 230  | 5.8  |       |      |      |       |         |       |     |     |      | 12.5 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 9/14/2018  | 13:49 | 33.7 | 8.2 |          | 250  | 16   |       |      |      |       |         |       |     |     |      | 10.5 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/27/2018  | 10:50 | 48.7 | 7.7 |          | 270  | 15.2 |       |      |      |       |         |       |     |     |      | 9.8  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/11/2018  | 14:00 | 241  | 7.8 |          | 250  | 20.7 | 21.83 | 7.74 | 141  | 38.16 | 0.3     | 26.17 | 13  | 128 | 0.08 | 14   |    | 0.004 | 0.002 | 28.12 |    | 0.005 | 3.4 | 0.012 | 0.00007 |    | 0.004 | 16.97 | 0.019 |     | 0      | 0.593 | 0.071  |
| 6/22/2018  | 9:25  | 280  | 8.7 |          | 230  | 10.7 |       |      |      |       |         |       |     |     |      | 11.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 5/14/2018  | 22:25 | 1210 | 8.8 |          | 180  | 7.1  | 30.08 | 6.79 | 98   | 30.9  | 0.3     | 15.64 | 110 | 86  | 0.08 | 11   |    |       | 15.5  |       |    |       | 4.6 |       |         |    |       | 18.9  |       |     | 0      | 0.094 | 0.016  |
| 4/24/2018  | 13:30 | 338  | 8.4 |          | 180  | 10.4 |       |      |      |       |         |       |     |     |      | 11.3 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/8/2018   | 10:15 | 25   | 8.9 |          | 250  | 1.4  |       |      |      |       |         |       |     |     |      | 14.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/5/2018   | 10:00 | 45   | 8.4 |          | 240  | 0.5  |       |      |      |       |         |       |     |     |      | 14.7 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/5/2018   | 9:15  | 40   | 8.6 |          | 320  | 0.4  |       |      |      |       |         |       |     |     |      | 14.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 12/8/2017  | 12:30 | 45   | 8.5 |          | 310  | 0.2  |       |      |      |       |         |       |     |     |      | 14.5 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 11/13/2017 | 13:20 | 42.1 | 8.5 |          | 270  | 5.2  | 24.78 | 6.88 | 132  | 17.73 | 0.3     | 11.94 | 31  | 114 | 0.08 | 14.3 |    |       | 26.89 |       |    |       | 3.3 |       |         |    |       | 18.45 |       |     | 0      | 0.361 | 0.054  |
| 10/19/2017 | 10:15 | 56.2 | 8.3 |          | 240  | 3.2  |       |      |      |       |         |       |     |     |      | 13.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 9/11/2017  | 11:30 | 237  | 8.6 |          | 360  | 18.1 |       |      |      |       |         |       |     |     |      | 9.2  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/8/2017   | 11:05 | 289  | 8.1 |          | 230  | 14   |       |      |      |       |         |       |     |     |      | 12.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/18/2017  | 12:05 | 289  | 9.3 |          | 190  | 19.4 | 25.81 | 7.61 | 130  | 41.83 | 0.3     | 28.15 | 16  | 132 | 0.08 | 14.3 |    | 0.004 | 0.002 | 27.43 |    | 0.005 | 3.8 | 0.014 | 0.00009 |    | 0.004 | 18.64 | 0.021 |     | 0      | 0.421 | 0.067  |
| 6/6/2017   | 11:30 | 2140 | 8.3 |          | 100  | 8.7  |       |      |      |       |         |       |     |     |      | 13.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 5/17/2017  | 10:30 | 1980 | 8.6 |          | 150  | 5.7  | 32.93 | 7.45 | 91   | 35.01 | 0.3     | 11.52 | 48  | 62  | 0.08 | 12.1 |    |       | 13.9  |       |    |       | 4.3 |       |         |    |       | 19.3  |       |     | 0      | 0.106 | 0.018  |
| 4/28/2017  | 9:30  | 928  | 8.1 |          | 230  | 3.8  |       |      |      |       |         |       |     |     |      | 13.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/6/2017   | 10:15 | 128  | 9.2 |          | 370  | 3    |       |      |      |       |         |       |     |     |      | 13.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/9/2017   | 11:00 | 78   | 8.6 |          | 350  | 1.4  |       |      |      |       |         |       |     |     |      | 13.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/18/2017  | 12:00 | 83   | 8.4 |          | 330  | 0.5  |       |      |      |       |         |       |     |     |      | 15   |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 12/12/2016 | 11:30 | 60   | 8.6 |          | 310  | 0.2  |       |      |      |       |         |       |     |     |      | 15.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 11/29/2016 | 9:21  | 66   | 8.3 |          | 260  | 0.3  | 49.39 | 7.53 | 264  | 7.9   | 0.3     | 13.58 | 46  | 256 | 0.08 | 9.8  |    |       | 21.4  |       |    |       | 5.2 |       |         |    |       | 22.6  |       |     | 0      | 0.54  | 0.022  |
| 10/28/2016 | 10:20 | 87   | 8.9 |          | 320  | 7.5  |       |      |      |       |         |       |     |     |      | 12.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 9/22/2016  | 10:30 | 92   | 8.5 |          | 300  | 13.8 |       |      |      |       |         |       |     |     |      | 12.7 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/25/2016  | 11:00 | 245  | 8.2 |          | 170  | 15.8 |       |      |      |       |         |       |     |     |      | 9.9  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/25/2016  | 10:45 | 245  | 8.8 |          | 100  | 16.4 | 58.13 | 8.56 | 192  | 11.76 | 0.3     | 6.83  | 170 | 18  | 0.08 | 9.8  |    | 0.004 | 0.002 | 14.8  |    | 0.005 | 4.2 | 0.013 | 0.0001  |    | 0.005 | 21.55 | 0.016 |     | 0      | 0.224 | 0.034  |
| 6/9/2016   | 10:30 | 1510 | 8.8 |          | 80   | 11.4 |       |      |      |       |         |       |     |     |      | 12.8 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 5/23/2016  | 10:00 | 2110 | 8.9 |          | 80   | 8.8  | 78.56 | 7.81 | 149  | 4.84  | 0.3     | 5.76  | 88  | 128 | 0.08 | 9.9  |    |       | 12.2  |       |    |       | 4.0 |       |         |    |       | 20.8  |       |     | 0      | 0.56  | 0.02   |
| 4/26/2016  | 13:47 | 729  | 8.1 |          | 110  | 6.8  |       |      |      |       |         |       |     |     |      | 13   |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/10/2016  | 13:10 | 159  | 9.1 |          | 180  | 7.5  |       |      |      |       |         |       |     |     |      | 12.8 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/11/2016  | 11:15 | 90   | 9.2 |          | 160  | 2    |       |      |      |       |         |       |     |     |      | 13.7 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 12/10/2015 | 8:40  |      | 8.7 |          | 160  | 2    |       |      |      |       |         |       |     |     |      | 14.5 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-1

| Date       | Time  | Flow | pH | Field | Cond | Tem | HCO3  | pH   | Cond | CI    | NO3/NO2 | SO4   | TSS | TDS | PO4   | DO   | Al | As    | Cd    | Cu    | Pb    | Mg   | Mn    | Hg       | Mo | Se    | Na    | Zn    | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|----|-------|------|-----|-------|------|------|-------|---------|-------|-----|-----|-------|------|----|-------|-------|-------|-------|------|-------|----------|----|-------|-------|-------|-----|--------|-------|--------|
| 1/9/2015   | 13:30 | 8.4  |    | 230   | 6.3  |     |       |      |      |       |         |       |     |     |       | 14.3 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 10/21/2015 | 9:30  | 9.8  |    | 220   | 10.3 |     | 52.17 | 7.61 | 203  | 16.8  | 0.3     | 18.74 | 25  | 194 | 0.08  | 8.5  |    |       | 31.8  |       |       | 7.1  |       |          |    |       | 26    |       |     |        | 0.56  | 0.047  |
| 9/18/2015  | 13:30 | 8.9  |    | 240   | 18   |     |       |      |      |       |         |       |     |     |       | 9.2  |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 8/4/2015   | 12:40 | 9    |    | 200   | 17.8 |     |       |      |      |       |         |       |     |     |       | 13.8 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 7/21/2015  | 13:00 | 8.7  |    | 180   | 17.1 |     | 52.17 | 8.12 | 157  | 11.76 | 0.3     | 13.53 | 34  | 148 | 0.08  | 9.8  |    | 0.004 | 0.002 | 26.81 | 0.005 | 4.1  | 0.012 | 0.00011  |    | 0.005 | 24.68 | 0.018 |     |        | 0.47  | 0.085  |
| 6/17/2015  | 13:00 | 8.7  |    | 110   | 14.5 |     |       |      |      |       |         |       |     |     |       | 14.3 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 5/4/2015   | 14:20 | 9    |    | 110   | 11   |     |       |      |      |       |         |       |     |     |       | 15.7 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 4/14/2015  | 10:00 | 8.8  |    | 120   | 3.8  |     | 81.14 | 7.11 | 142  | 4.84  | 0.3     | 5.76  | 9   | 128 | 0.08  | 10.6 |    |       | 12.2  |       |       | 4.0  |       |          |    |       | 20.8  |       |     |        | 0.59  | 0.02   |
| 3/3/2015   | 13:00 | 9    |    | 80    | 6.3  |     |       |      |      |       |         |       |     |     |       | 12.5 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 2/3/2015   | 13:45 | 9.4  |    | 110   | 4.1  |     |       |      |      |       |         |       |     |     |       | 12.5 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 1/9/2015   | 14:00 | 8.4  |    | 135   | 0.3  |     |       |      |      |       |         |       |     |     |       | 8.7  |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 12/18/2014 | 14:00 | 9.4  |    | 100   | 4.1  |     |       |      |      |       |         |       |     |     |       | 13.5 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 11/11/2014 | 11:00 | 9.3  |    | 100   | 1    |     | 66.13 | 7.56 | 286  | 43.6  | 0.3     | 49.39 | 62  | 247 | 0.08  | 10.1 |    |       | 44.6  |       |       | 11.4 |       |          |    |       | 25.8  |       |     |        | 7.6   | 0.03   |
| 10/31/2014 | 11:00 | 9.9  |    | 120   | 5.4  |     |       |      |      |       |         |       |     |     |       | 13.1 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 9/10/2014  | 9:30  | 8.9  |    | 100   | 15.2 |     | 36.94 | 6.59 | 142  | 12.75 | 0.3     | 16.05 | 24  | 102 | 0.08  | 9.6  |    | 0.003 | 0.003 | 33.4  | 0.005 | 13.0 | 0.011 | 0.000029 |    | 0.004 | 33.2  | 0.026 |     |        | 0.54  | 0.08   |
| 8/25/2014  | 1:30  | 8.3  |    | 160   | 18.2 |     |       |      |      |       |         |       |     |     |       | 11.5 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 7/8/2014   | 9:00  | 8.8  |    | 70    | 13   |     |       |      |      |       |         |       |     |     |       | 14.1 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 6/11/2014  | 13:00 | 8.8  |    | 140   | 13.4 |     |       |      |      |       |         |       |     |     |       | 9.6  |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 5/19/2014  | 13:15 | 9.2  |    | 80    | 11.3 |     |       |      |      |       |         |       |     |     |       | 10   |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 4/14/2014  | 8:00  | 0.1  |    | 0     |      |     | 84.13 | 7.14 | 188  | 11.76 | 0.3     | 8.43  | 54  | 159 | 0.08  | 9.8  |    |       | 37.4  |       |       | 40.0 |       |          |    |       | 9.04  |       |     |        | 26.9  | 0.06   |
| 4/8/2014   | 10:30 | 8.3  |    | 140   | 6.1  |     | 88.73 | 7.07 | 191  | 8.53  | 0.3     | 4.18  | 6.8 | 166 | 0.08  | 8.6  |    |       | 33.6  |       |       | 20.0 |       |          |    |       | 17.28 |       |     |        | 0.85  | 0.08   |
| 3/6/2014   | 13:00 | 8.9  |    | 140   | 6.9  |     |       |      |      |       |         |       |     |     |       | 13.6 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 2/18/2014  | 14:00 | 8.9  |    | 130   | 2.6  |     |       |      |      |       |         |       |     |     |       | 8.9  |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 1/15/2014  | 13:30 | 8.2  |    | 130   | 0.2  |     |       |      |      |       |         |       |     |     |       | 8.5  |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 12/2/2013  | 12:30 | 8.8  |    | 140   | 1    |     |       |      |      |       |         |       |     |     |       | 13.8 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 11/13/2013 | 10:30 | 8.7  |    | 120   | 0.5  |     |       |      |      |       |         |       |     |     |       | 15.2 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 10/18/2013 | 13:00 | 8.4  |    | 100   | 7.4  |     |       |      |      |       |         |       |     |     |       | 12.9 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 9/9/2013   | 11:00 | 8    |    | 160   | 17   |     |       |      |      |       |         |       |     |     |       | 13.3 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 8/16/2013  | 10:30 | 8.2  |    | 150   | 16.6 |     |       |      |      |       |         |       |     |     |       | 8.2  |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 7/18/2013  | 1:30  | 8.8  |    | 110   | 20.4 |     | 98.43 | 8.12 | 234  | 17.43 | 0.3     | 5.13  | 68  | 208 | 0.094 | 14.1 |    | 0.003 | 0.003 | 28.6  | 0.005 | 9.8  | 0.014 | 0.000033 |    | 0.006 | 46.6  | 0.022 |     |        | 1.38  | 0.26   |
| 6/5/2013   | 13:15 | 8.7  |    | 50    | 14.1 |     |       |      |      |       |         |       |     |     |       | 8    |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 5/6/2013   | 11:45 | 8.4  |    | 80    | 9    |     | 96.45 | 7.20 | 242  | 11.56 | 0.3     | 4.52  | 75  | 222 | 0.08  | 9.4  |    |       | 24.2  |       |       | 10.0 |       |          |    |       | 45    |       |     |        | 1.03  | 0.23   |
| 4/22/2013  | 13:10 | 8.3  |    | 130   | 10.5 |     |       |      |      |       |         |       |     |     |       | 10.6 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 3/21/2013  | 0:00  | 8.5  |    | 170   | 11   |     |       |      |      |       |         |       |     |     |       | 10.6 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 2/21/2013  | 13:00 | 7.8  |    | 220   | 3.1  |     |       |      |      |       |         |       |     |     |       | 14.7 |    |       |       |       |       |      |       |          |    |       |       |       |     |        |       |        |
| 12/5/2012  | 12:45 | 8.9  |    | 150   | 3.1  |     | 98.79 | 8.21 | 204  | 76.43 | 0.3     | 7.04  | 178 | 4   | 0.048 | 8.6  |    |       | 33.5  |       |       | 17.0 |       |          |    |       | 55.56 |       |     |        | 0.16  | 0.07   |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-1

| Date       | Time  | Flow | Field | pH   | Cond  | Cl   | NO3/NO2 | SO4   | TSS  | TDS   | PO4  | DO  | Al    | As   | Cd    | Ca    | Cu   | Pb    | Mg   | Mn   | Hg       | Mo    | Se   | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|-------|------|-------|------|---------|-------|------|-------|------|-----|-------|------|-------|-------|------|-------|------|------|----------|-------|------|------|----|-----|--------|-------|--------|
| 11/20/2012 | 13:00 | 7.6  | 160   | 5.3  |       |      |         |       |      |       | 11.3 |     |       |      |       |       |      |       |      |      |          |       |      |      |    | 0   | 0      |       |        |
| 10/10/2012 | 14:00 | 8.5  | 150   | 11.3 |       |      |         |       |      |       |      |     |       |      |       |       |      |       |      | 11.9 |          |       |      |      |    | 0   | 0      |       |        |
| 9/6/2012   | 13:00 | 8.4  | 200   | 15.5 |       |      |         |       |      |       | 10.8 |     |       |      |       |       |      |       |      |      |          |       |      |      |    | 0   | 0      |       |        |
| 8/2/2012   | 11:15 | 9.4  | 180   | 23   | 91.71 | 8.29 | 203     | ##### | 0.3  | 8.58  | 39   | 117 | 0.051 | 11.1 | 0.003 | 0.002 | 67   | 0.005 | 11.2 | 0.01 | 0.00004  | 0.008 | 37.8 | 0.05 | 0  | 0   | 0.7    | 0.02  |        |
| 7/30/2012  | 12:20 | 9.3  | 190   | 23   |       |      |         |       |      |       | 10.4 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 6/13/2012  | 10:20 | 8.6  | 180   | 16.8 |       |      |         |       |      |       |      |     |       |      |       |       |      |       |      | 8.8  |          |       |      |      | 0  | 0   |        |       |        |
| 6/8/2012   | 11:25 | 8.4  | 90    | 12.9 |       |      |         |       |      |       | 15.4 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 5/9/2012   | 12:15 | 7.4  | 70    | 9.1  | 54.76 | 7.12 | 167     | 4.36  | 1.06 | 21.42 | 125  | 55  | 0.17  | 12.1 | 9.5   |       |      |       | 2.5  |      |          |       | 4.45 |      | 0  | 0   | 0.2    | 0.01  |        |
| 4/23/2012  | 13:35 | 8.1  | 70    | 15   |       |      |         |       |      |       | 14.5 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 3/28/2012  | 13:00 | 7.8  | 110   | 7.3  |       |      |         |       |      |       | 12.1 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 2/20/2012  | 15:00 | 7.7  | 230   | 2.9  |       |      |         |       |      |       | 14.3 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 1/10/2012  | 13:00 | 7.4  | 140   | 3.1  |       |      |         |       |      |       | 14.8 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 12/5/2011  | 13:00 | 8.2  | 170   | 1.2  | 18.53 | 7.88 | 268     | 2.46  | 0.3  | 8.89  | 129  | 3   | 0.17  | 7.5  | 0.003 | 0.005 | 23.4 | 0.005 | 3.0  | 0.06 | 0.000025 | 0.004 | 8.2  | 0.01 | 0  | 0   | 0.22   | 0.07  |        |
| 11/18/2011 | 12:00 | 8.6  | 150   | 2.3  |       |      |         |       |      |       | 14.1 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 10/7/2011  | 12:00 | 8.2  | 180   | 8.3  |       |      |         |       |      |       | 12.8 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 9/28/2011  | 12:00 | 9.3  | 170   | 17.8 |       |      |         |       |      |       | 12.3 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 7/26/2011  | 14:15 | 8.1  | 110   | 14   |       |      |         |       |      |       | 12.2 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 8/14/2011  | 14:15 | 8.3  | 80    | 11.5 |       |      |         |       |      |       | 13.8 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 5/23/2011  | 13:55 | 8.6  | 140   | 7.6  |       |      |         |       |      |       | 15.6 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 3/30/2011  | 1:00  | 8.3  | 200   | 6    |       |      |         |       |      |       | 12.7 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 2/5/2011   | 14:00 | 8.7  | 280   | 1.4  |       |      |         |       |      |       | 14.8 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 1/21/2011  | 14:00 | 8.5  | 230   | 2.1  |       |      |         |       |      |       | 14.8 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 12/21/2010 | 11:00 | 8.8  | 220   | 1    |       |      |         |       |      |       | 11.8 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 10/27/2010 | 1:00  | 8.9  | 160   | 4.7  |       |      |         |       |      |       | 14.3 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 9/27/2010  | 1:30  | 8.2  | 270   | 18   |       |      |         |       |      |       | 10.6 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 7/15/2010  | 2:00  | 9    | 150   | 18.8 |       |      |         |       |      |       | 13   |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 6/4/2010   | 12:15 | 10   | 70    | 10.4 |       |      |         |       |      |       | 14.2 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 4/22/2010  | 1:10  | 9    | 100   | 5.8  |       |      |         |       |      |       | 13.1 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 3/3/2010   | 1:00  | 8.2  | 250   | 1.9  |       |      |         |       |      |       | 11.7 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 2/23/2010  | 1:00  | 9.3  | 450   | 2.2  |       |      |         |       |      |       | 14.7 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 1/28/2010  | 1:00  | 8.3  | 260   | 1.5  |       |      |         |       |      |       | 16.6 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 12/8/2009  | 10:15 | 8.9  | 210   | 1    |       |      |         |       |      |       | 12   |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 11/16/2009 | 10:00 | 8.5  | 230   | 2.9  |       |      |         |       |      |       | 15.4 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 9/25/2009  | 9:00  | 7.2  | 150   | 14.9 |       |      |         |       |      |       | 11.7 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 7/17/2009  | 1:00  | 6.8  | 140   | 18.4 |       |      |         |       |      |       | 4.2  |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |
| 6/22/2008  | 8:35  | 7.7  | 90    | 12.8 |       |      |         |       |      |       | 16.1 |     |       |      |       |       |      |       |      |      |          |       |      |      | 0  | 0   |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3 | pH | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO   | Al | As | Cd | Ca | Cu | Pb | Mg | Mn | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|----------|------------|------|------|----|------|----|---------|-----|-----|-----|-----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|--------|-------|--------|
| 4/29/2009  | 10:45 |      | 8.2      | 110        | 5.5  |      |    |      |    |         |     |     |     |     | 14.3 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 3/9/2009   | 10:00 |      | 8.1      | 200        | 5.3  |      |    |      |    |         |     |     |     |     | 13.9 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 2/5/2009   | 12:00 |      | 7.7      | 100        | 1    |      |    |      |    |         |     |     |     |     | 15.2 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 1/16/2009  | 11:30 |      | 7.8      | 270        | 0.6  |      |    |      |    |         |     |     |     |     | 12.5 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 12/2/2008  | 14:00 |      | 8        | 170        | 2.8  |      |    |      |    |         |     |     |     |     | 12.8 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/17/2008 | 13:00 |      | 8.1      | 180        | 3.7  |      |    |      |    |         |     |     |     |     | 14.2 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/15/2008 | 14:00 |      | 7.4      | 170        | 4.7  |      |    |      |    |         |     |     |     |     | 12.7 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 9/11/2008  | 12:45 |      | 7.1      | 160        | 15.8 |      |    |      |    |         |     |     |     |     | 10.7 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/29/2008  | 13:30 |      | 7.7      | 170        | 19   |      |    |      |    |         |     |     |     |     | 8.7  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/23/2008  | 11:00 |      | 8.5      | 90         | 6.2  |      |    |      |    |         |     |     |     |     | 10.5 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/18/2008  | 14:40 |      | 8.2      | 170        | 7.5  |      |    |      |    |         |     |     |     |     | 14.2 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 3/28/2008  | 14:30 |      | 8.8      | 190        | 7.5  |      |    |      |    |         |     |     |     |     | 7.9  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 1/30/2008  | 13:00 |      | 8.1      | 180        | 1    |      |    |      |    |         |     |     |     |     | 9.3  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 12/16/2007 | 12:30 |      | 8.27     | 150        | 0.7  |      |    |      |    |         |     |     |     |     | 15   |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/13/2007 | 13:15 |      | 7.45     | 180        | 1    |      |    |      |    |         |     |     |     |     | 8.9  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/24/2007 | 14:15 |      | 8.6      | 110        | 7.6  |      |    |      |    |         |     |     |     |     | 9.9  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 9/11/2007  | 13:45 |      | 8.35     | 180        | 17   |      |    |      |    |         |     |     |     |     | 9.8  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/17/2007  | 13:00 |      | 7.74     | 160        | 18.7 |      |    |      |    |         |     |     |     |     | 10.1 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/15/2007  | 11:25 |      | 7.54     | 80         | 9.8  |      |    |      |    |         |     |     |     |     | 10.3 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/26/2007  | 15:00 |      | 8.16     | 120        | 9.3  |      |    |      |    |         |     |     |     |     | 11.9 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 3/12/2007  | 11:00 |      | 8.04     | 100        | 4    |      |    |      |    |         |     |     |     |     | 12.6 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 2/21/2007  | 11:00 |      | 7.71     | 190        | 3    |      |    |      |    |         |     |     |     |     | 15.1 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 1/16/2007  | 12:01 |      | 8.16     | 200        | 1    |      |    |      |    |         |     |     |     |     | 8.7  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 12/16/2006 | 10:00 |      | 7.53     | 170        | 0.8  |      |    |      |    |         |     |     |     |     | 29   |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/22/2006 | 10:00 |      | 7.6      | 120        | 1.8  |      |    |      |    |         |     |     |     |     | 4.3  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 9/27/2006  | 11:30 |      | 8.28     | 150        | 7    |      |    |      |    |         |     |     |     |     | 3.9  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/21/2006  | 11:30 |      | 7.46     | 140        | 18.5 |      |    |      |    |         |     |     |     |     | 21   |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/26/2006  | 10:15 |      | 7.7      | 80         | 8.5  |      |    |      |    |         |     |     |     |     | 13.1 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/17/2006  | 13:55 |      | 7.93     | 120        | 6.9  |      |    |      |    |         |     |     |     |     | 14.1 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 3/27/2006  | 14:00 |      | 8.3      | 160        | 8    |      |    |      |    |         |     |     |     |     | 5.2  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 2/22/2006  | 14:15 |      | 7.62     | 190        | 1    |      |    |      |    |         |     |     |     |     | 12.7 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 1/27/2006  | 8:00  |      | 8.94     | 320        | 3    |      |    |      |    |         |     |     |     |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 12/5/2005  | 1:00  |      | 8.24     | 210        | 10.2 |      |    |      |    |         |     |     |     |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/7/2005  | 1:00  |      | 8.22     | 120        | 14.3 |      |    |      |    |         |     |     |     |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/17/2005 | 11:40 |      | 8.69     | 160        | 15.2 |      |    |      |    |         |     |     |     |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/22/2005  | 13:20 |      | 8.63     | 180        | 18.2 |      |    |      |    |         |     |     |     |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-1

| Date       | Time  | Flow | Field pH | Field Cond | Temp | HCO3 | pH   | Cond | CI | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO | Al | As | Cd | Ca | Cu | Pb | Mg  | Mn | Hg | Mo | Se | Na  | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|------|------|------|------|----|---------|-----|-----|-----|------|----|----|----|----|----|----|----|-----|----|----|----|----|-----|----|-----|--------|-------|--------|
| 8/5/2005   | 15:00 |      | 9.21     | 140        | 21   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 7/25/2005  | 14:15 |      | 8.34     | 130        | 18   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 6/15/2005  | 9:55  |      | 8.48     | 90         | 10   | 59   | 7.87 | 100  | 1  | 0.02    | 5   | 15  | 84  | 0.01 |    |    |    |    |    |    |    | 3.4 |    |    |    |    | 4.6 |    |     |        | 0.89  | 0.07   |
| 5/9/2005   | 13:25 |      | 8.24     | 80         | 12   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 4/18/2005  | 10:30 |      | 7.99     | 120        | 5    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 3/29/2005  | 9:00  |      | 8.64     | 140        | 6    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 2/22/2005  | 10:50 |      | 8.22     | 180        | 5    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 1/19/2005  | 10:30 |      | 8.5      | 150        | 1    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 12/13/2004 | 11:00 |      | 8.27     | 160        | 3    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 11/15/2004 | 10:30 |      | 8.02     | 150        | 6    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 10/8/2004  | 14:05 |      | 8.61     | 170        | 13   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 9/27/2004  | 23:20 |      | 8.9      | 160        | 10   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 5/20/2004  | 10:10 |      | 8.81     | 90         | 8    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 4/14/2004  | 14:25 |      | 8.83     | 130        | 12   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 3/12/2004  | 13:30 |      | 9.06     | 170        | 8    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 2/26/2004  | 13:45 |      | 8.5      | 200        | 4    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 1/27/2004  | 11:00 |      | 8.5      | 280        | 1    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 12/5/2003  | 10:15 |      | 8        | 280        | 2    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 10/13/2003 | 14:00 |      | 7.8      | 150        | 11   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 9/17/2003  | 13:45 |      | 9.33     | 160        | 15   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 7/28/2003  | 12:15 |      | 9.7      | 150        | 17   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 5/13/2003  | 11:55 |      | 8.23     | 110        | 8    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 4/10/2003  | 13:00 |      | 9.07     | 150        | 10   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 3/27/2003  | 9:00  |      | 9.1      | 130        | 5    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 2/20/2003  | 15:20 |      | 9.01     | 280        | 3    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 1/15/2003  | 9:00  |      | 8.6      | 300        | 1    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 12/10/2002 |       |      | 9.16     | 300        | 2    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 11/11/2002 |       |      | 8.4      | 200        | 1    |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 9/6/2002   |       |      | 9.1      | 200        | 18   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |
| 7/20/2002  |       |      | 7.6      | 200        | 21   |      |      |      |    |         |     |     |     |      |    |    |    |    |    |    |    |     |    |    |    |    |     |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

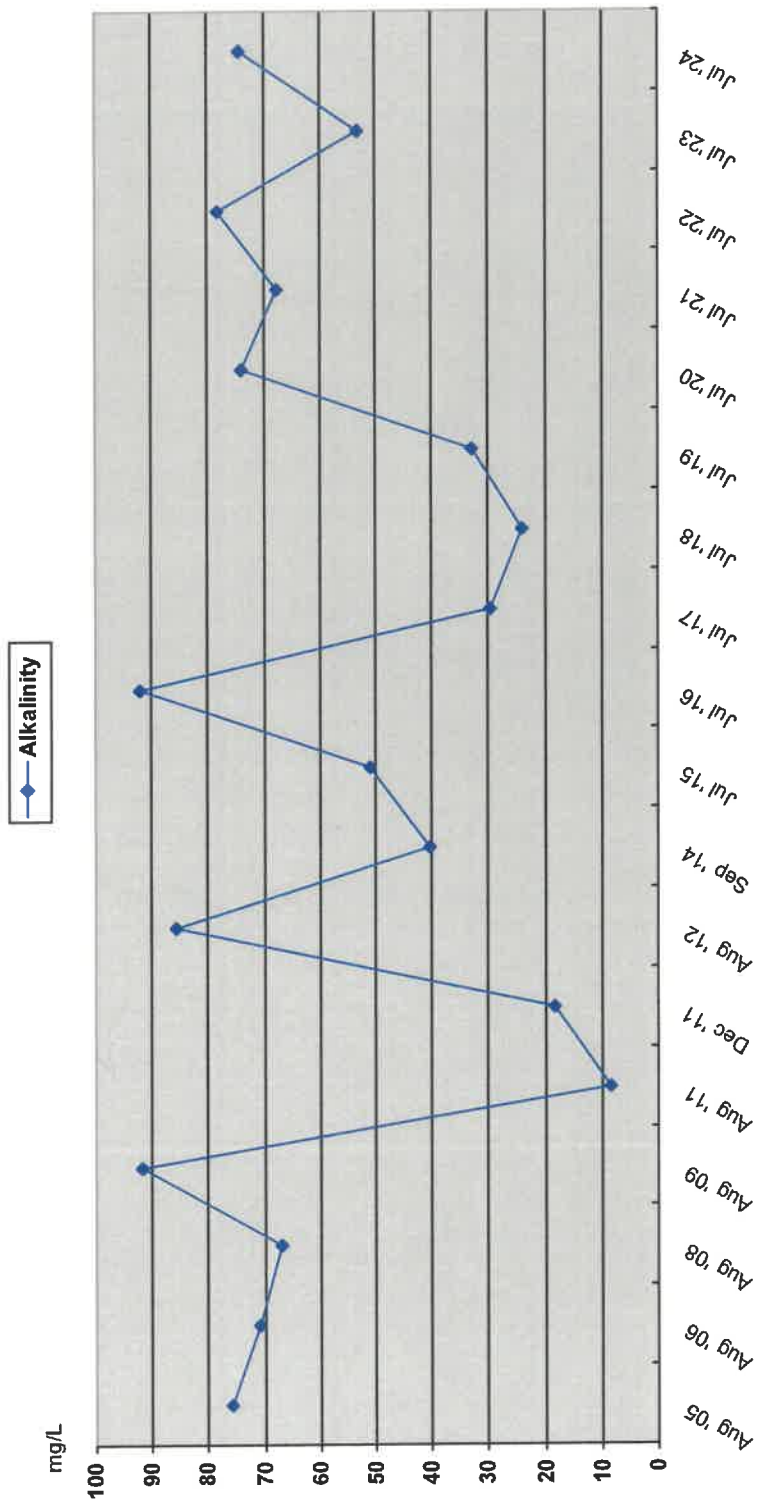
SURFACE WATER LOCATION: NF-1

| Date      | Time  | Hardness | Ammonia | Cyanide | Silver | Boron | Chromium(Trivalent) | Chromium(Hexavalent) | Chlorine | Nickel | Alkalinity(Carbonate) | Chromium(Total) | Antimony |
|-----------|-------|----------|---------|---------|--------|-------|---------------------|----------------------|----------|--------|-----------------------|-----------------|----------|
| 7/22/2024 | 14:40 | 77.81    | 0.136   | 0.02    | 0.05   | 0.25  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/17/2023 | 12:00 | 92.97418 | 0.194   | 0.02    | 0.05   | 0.29  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/18/2022 | 14:30 | 95.41166 | 0.072   | 0.02    | 0.05   | 0.35  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/28/2021 | 13:45 | 98.33465 | 0.031   | 0.02    | 0.05   | 0.37  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/13/2020 | 14:30 | 92.35804 | 0.043   | 0.02    | 0.05   | 0.4   | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/10/2019 | 12:15 | 83.97278 | 0.047   | 0.02    | 0.05   | 0.42  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/11/2018 | 14:00 | 84.25    | 0.076   | 0.02    | 0.05   | 0.49  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/18/2017 | 12:05 | 83.97639 | 0.096   | 0.02    | 0.05   | 0.53  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/25/2016 | 10:45 | 54.33    | 0.022   | 0.02    | 0.05   | 0.61  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/21/2015 | 13:00 | 90.73781 | 0.108   | 0.02    | 0.05   | 0.58  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 9/10/2014 | 9:30  | 138.93   | 0.028   | 0.02    | 0.005  | 0.74  | 0.005               | 0.01                 | 0.05     | 0.01   |                       |                 |          |
| 7/18/2013 | 1:30  | 111.7708 | 0.033   | 0.02    | 0.005  | 0.72  | 0.005               | 0.01                 | 0.008    | 0.01   |                       |                 |          |
| 8/2/2012  | 11:15 | 213.42   | 0.023   | 0.02    | 0.05   | 0.56  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 12/5/2011 | 13:00 | 70.86028 | 0.09    | 0.01    | 0.005  | 1.9   | 0.005               | 0.01                 | 0.008    | 0.005  |                       |                 |          |

**NF-3 LOWER N.F. GUNNISON RIVER**

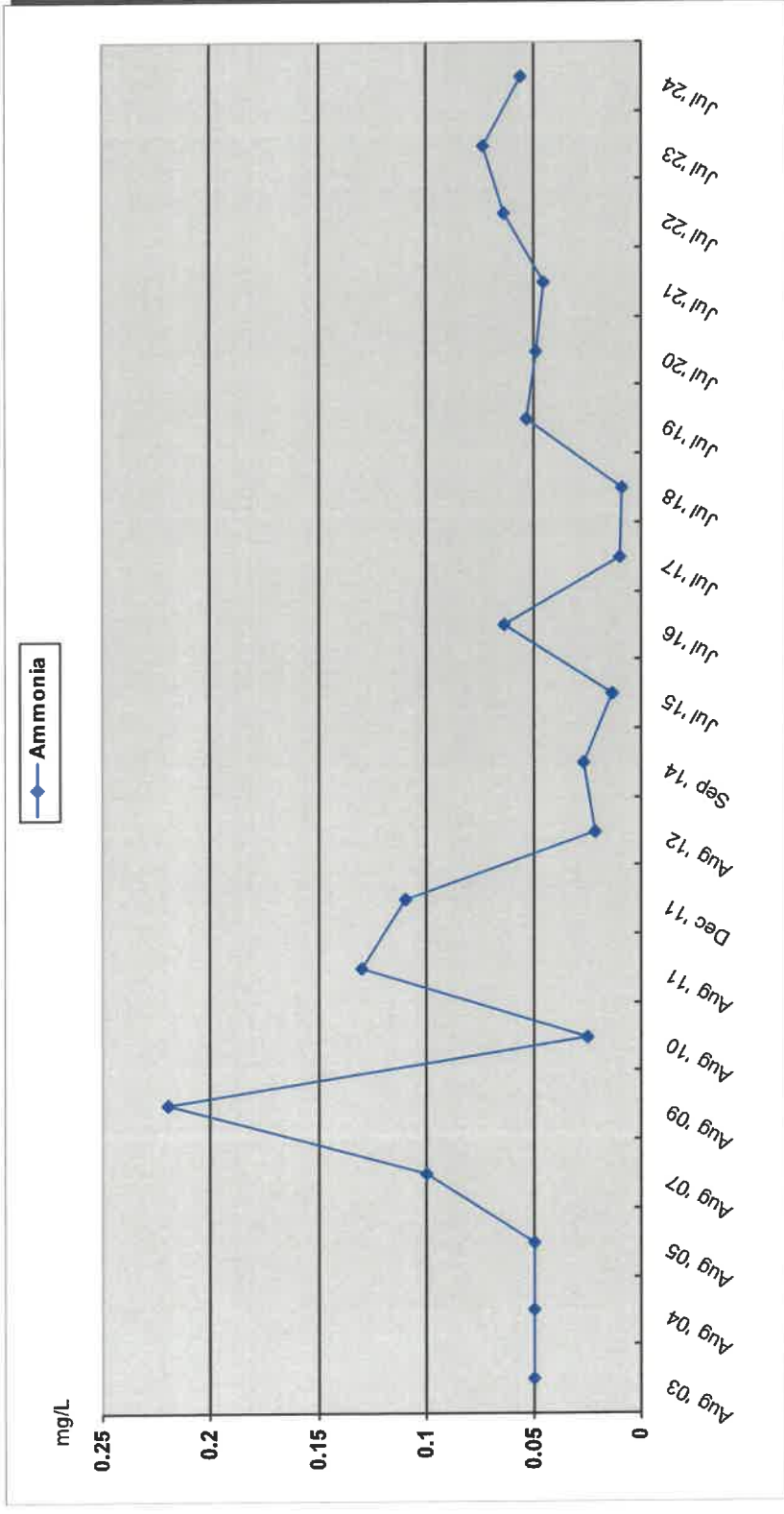
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



# MONITORING CHART FOR 2024 AHR

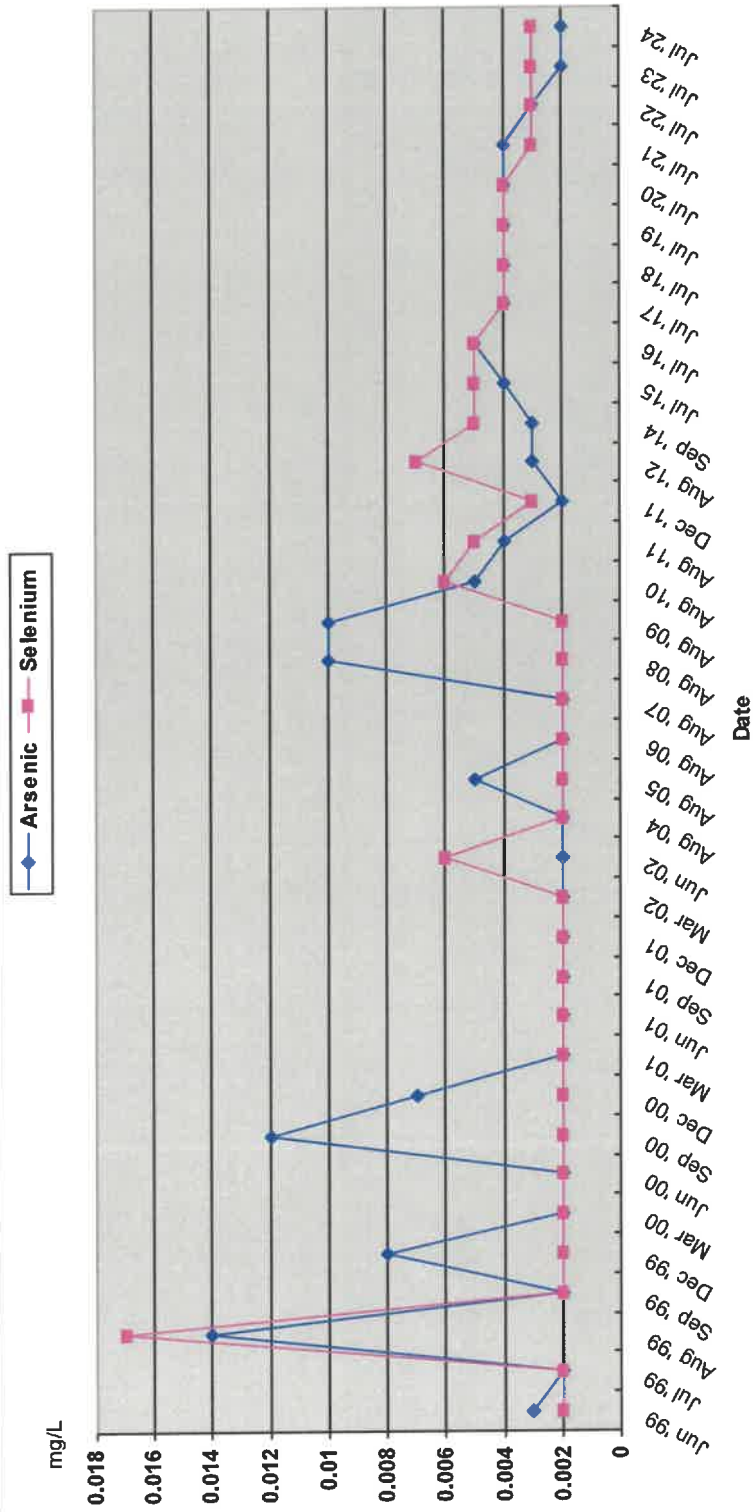
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

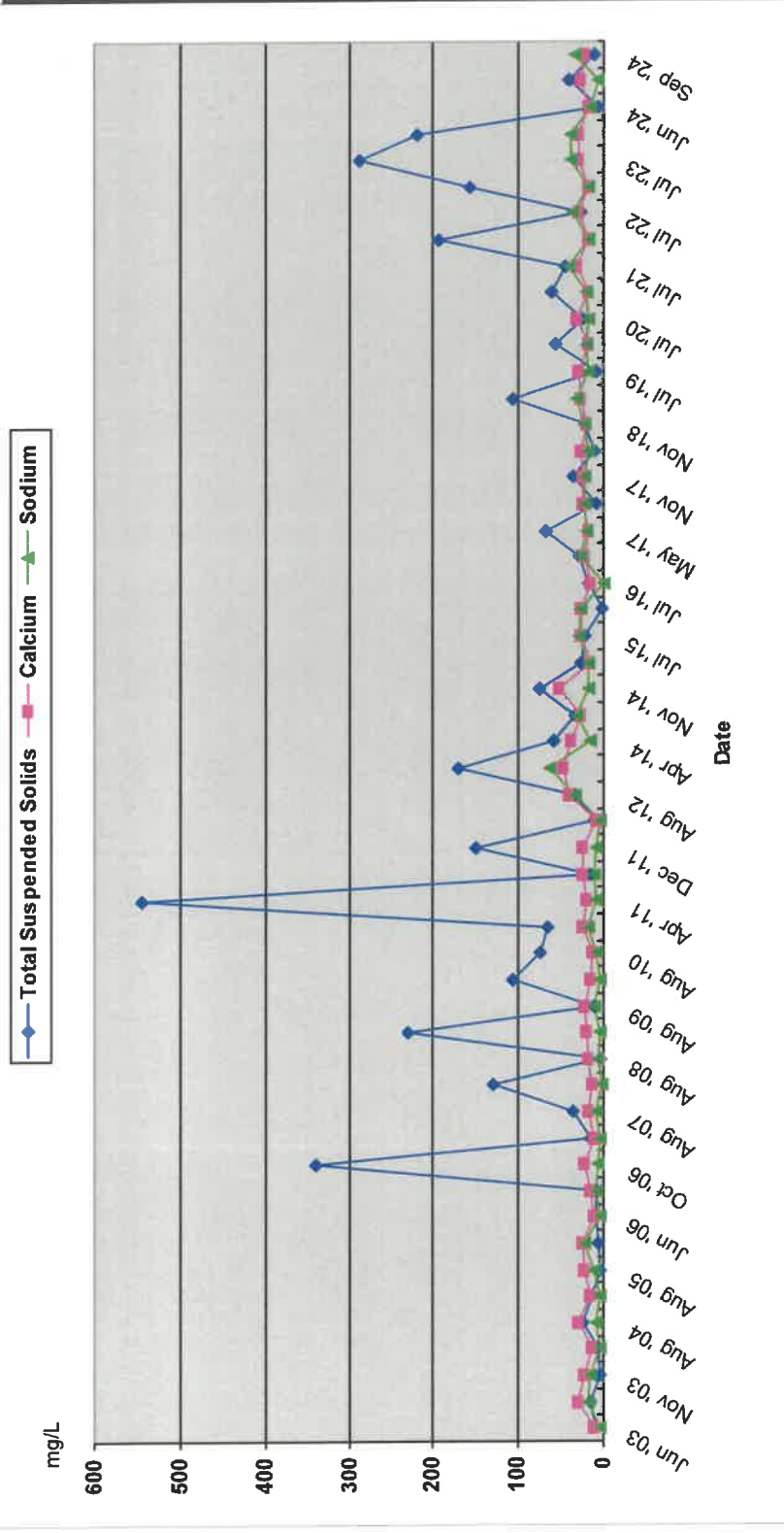
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



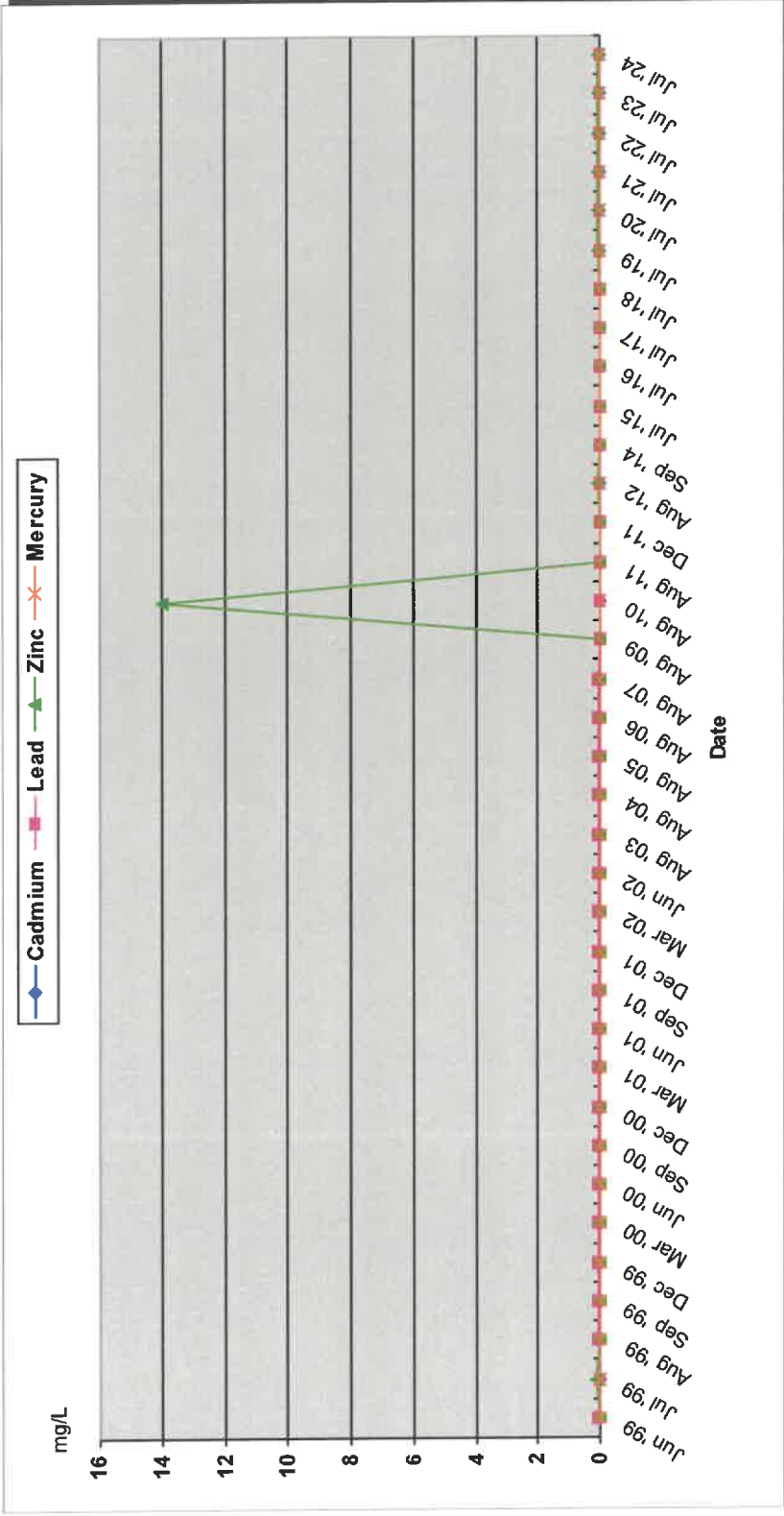
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



# MONITORING CHART FOR 2024 AHR

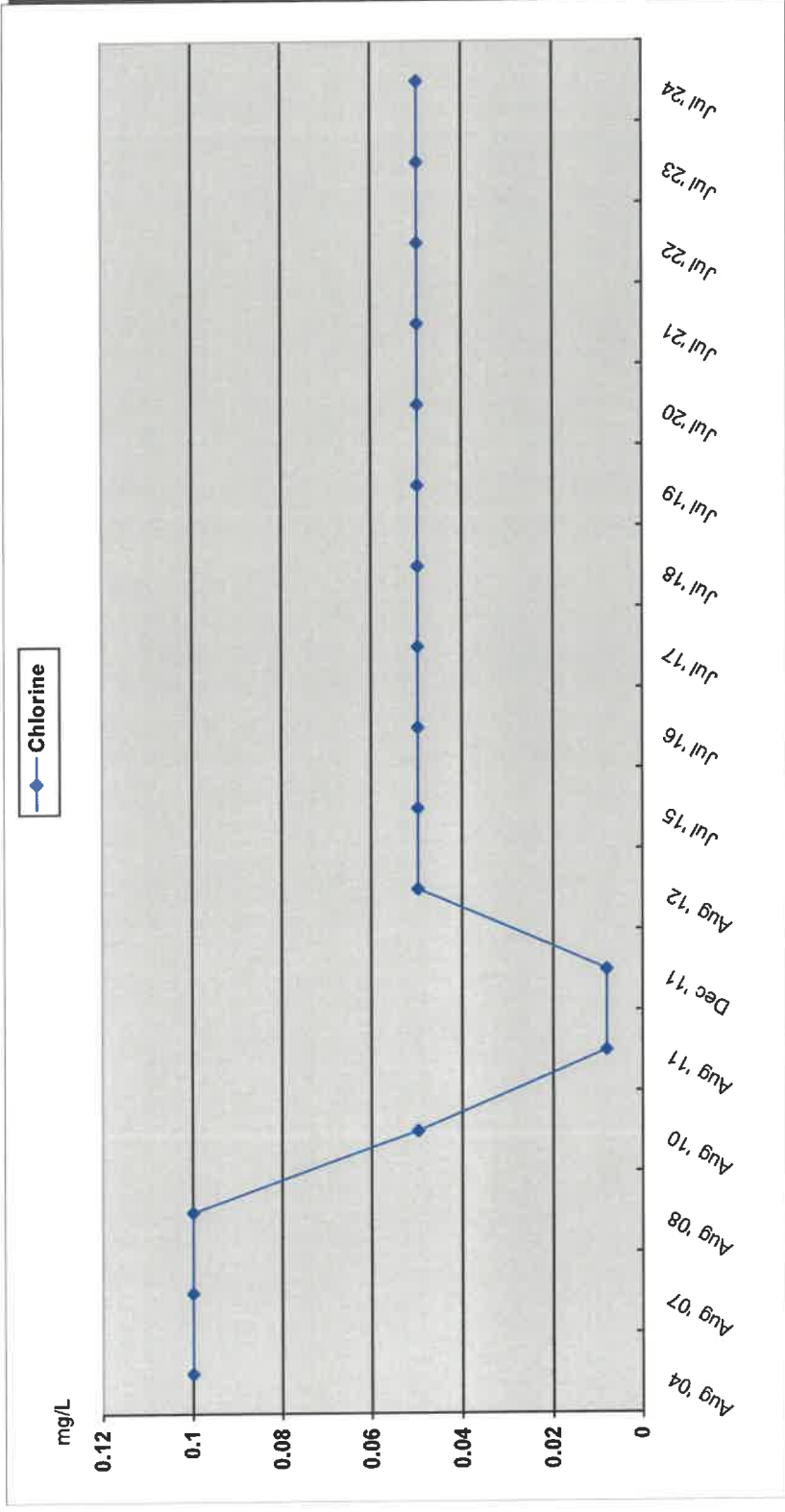
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

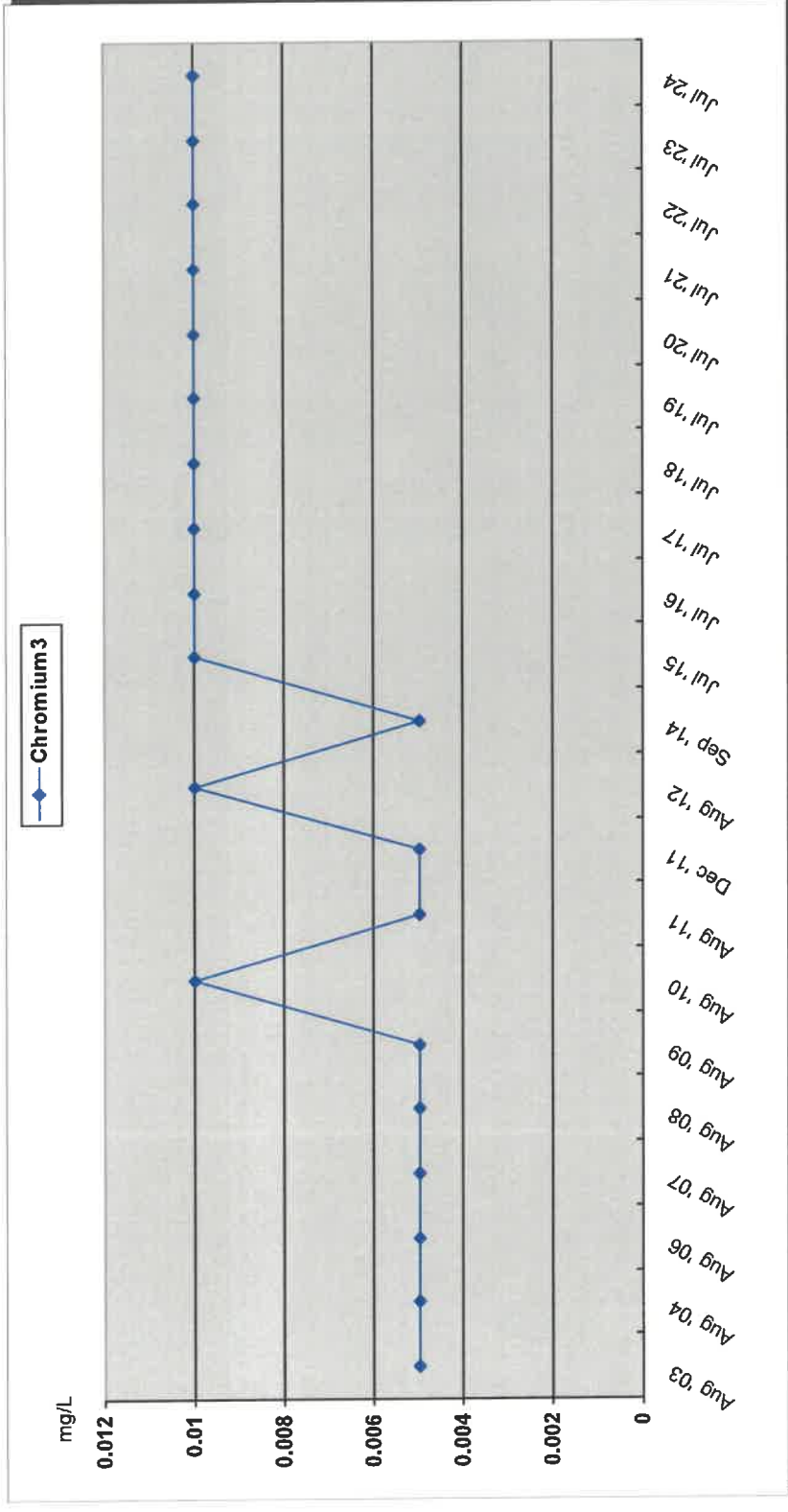
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

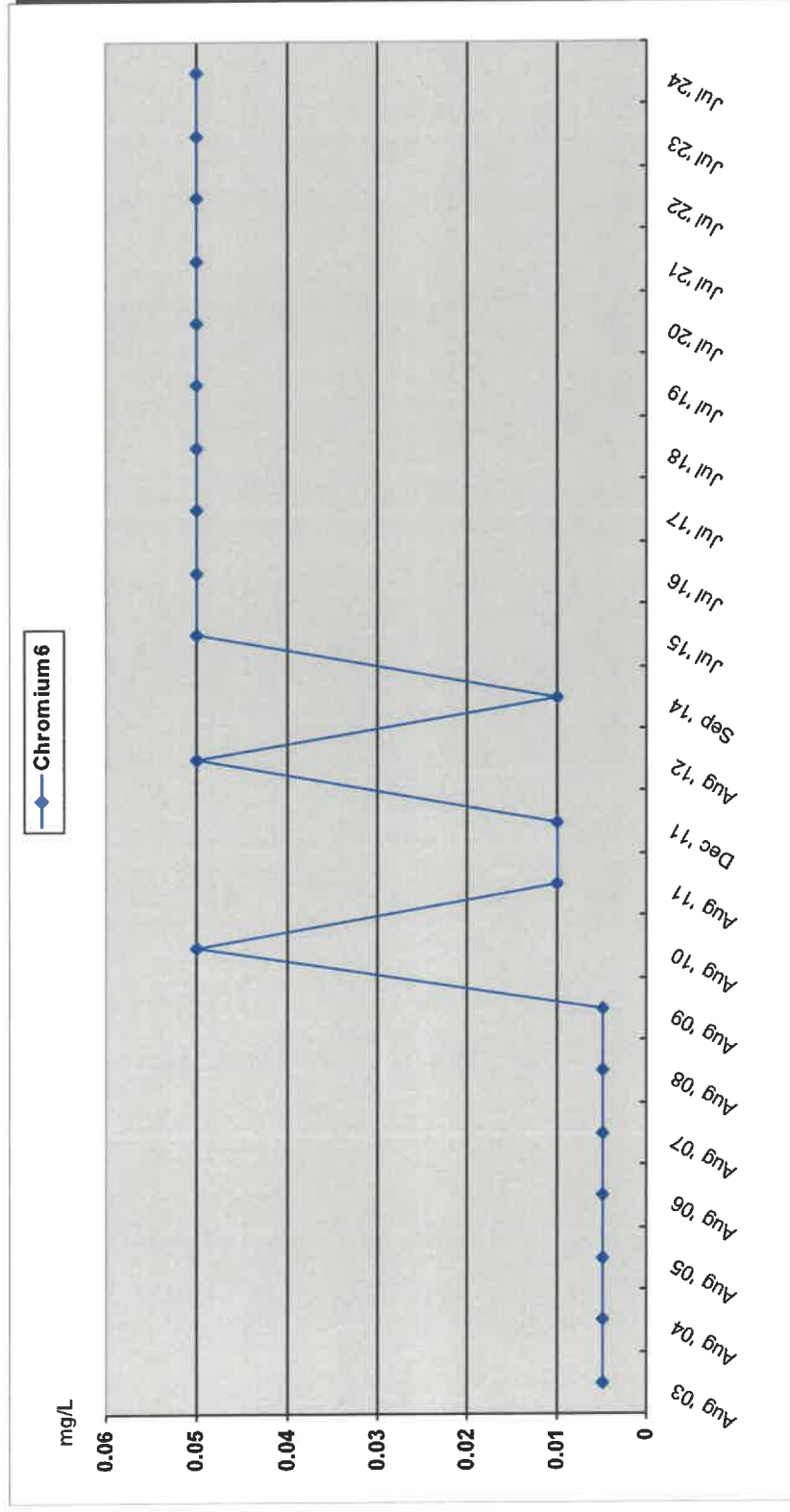
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

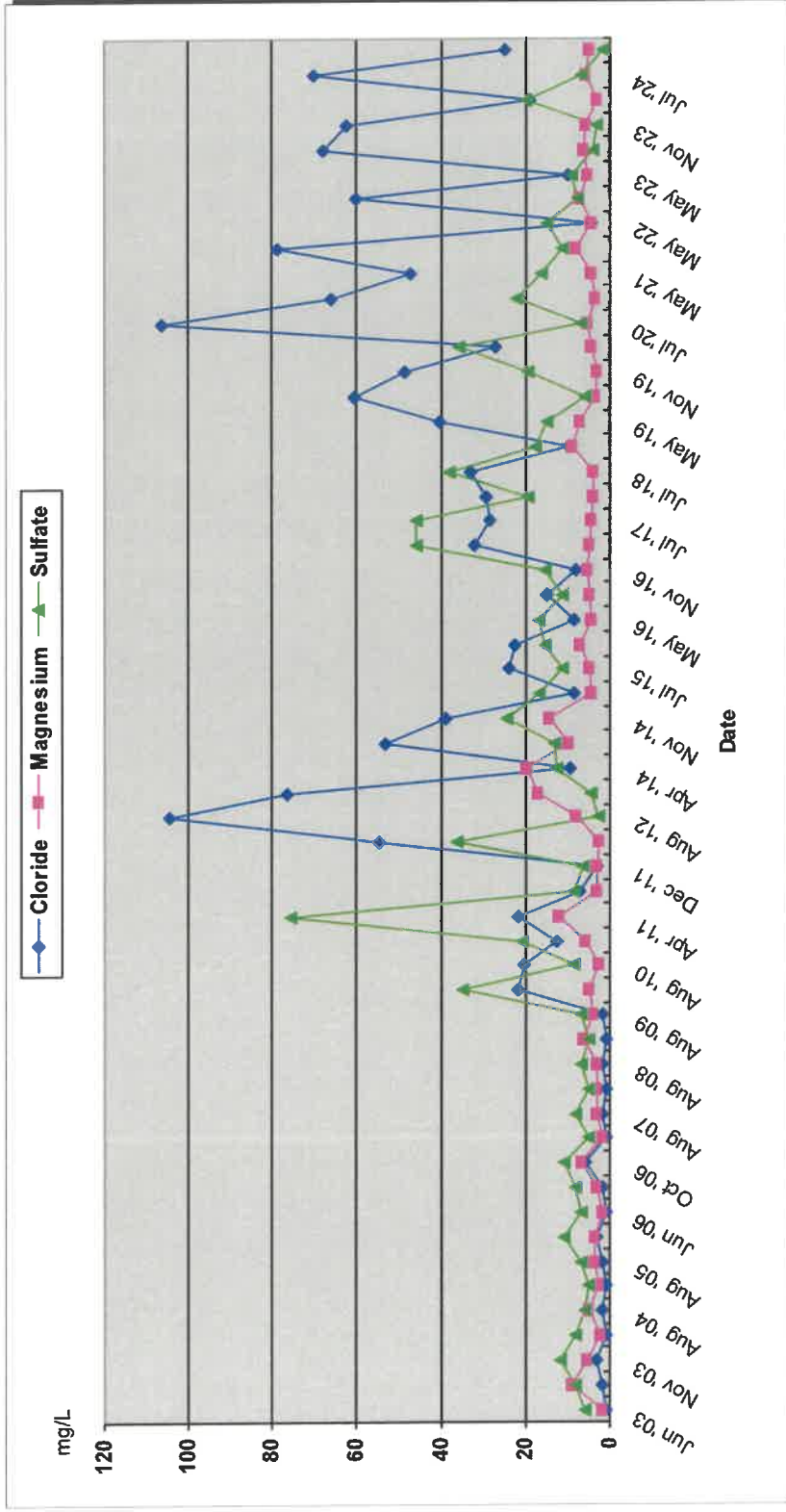
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

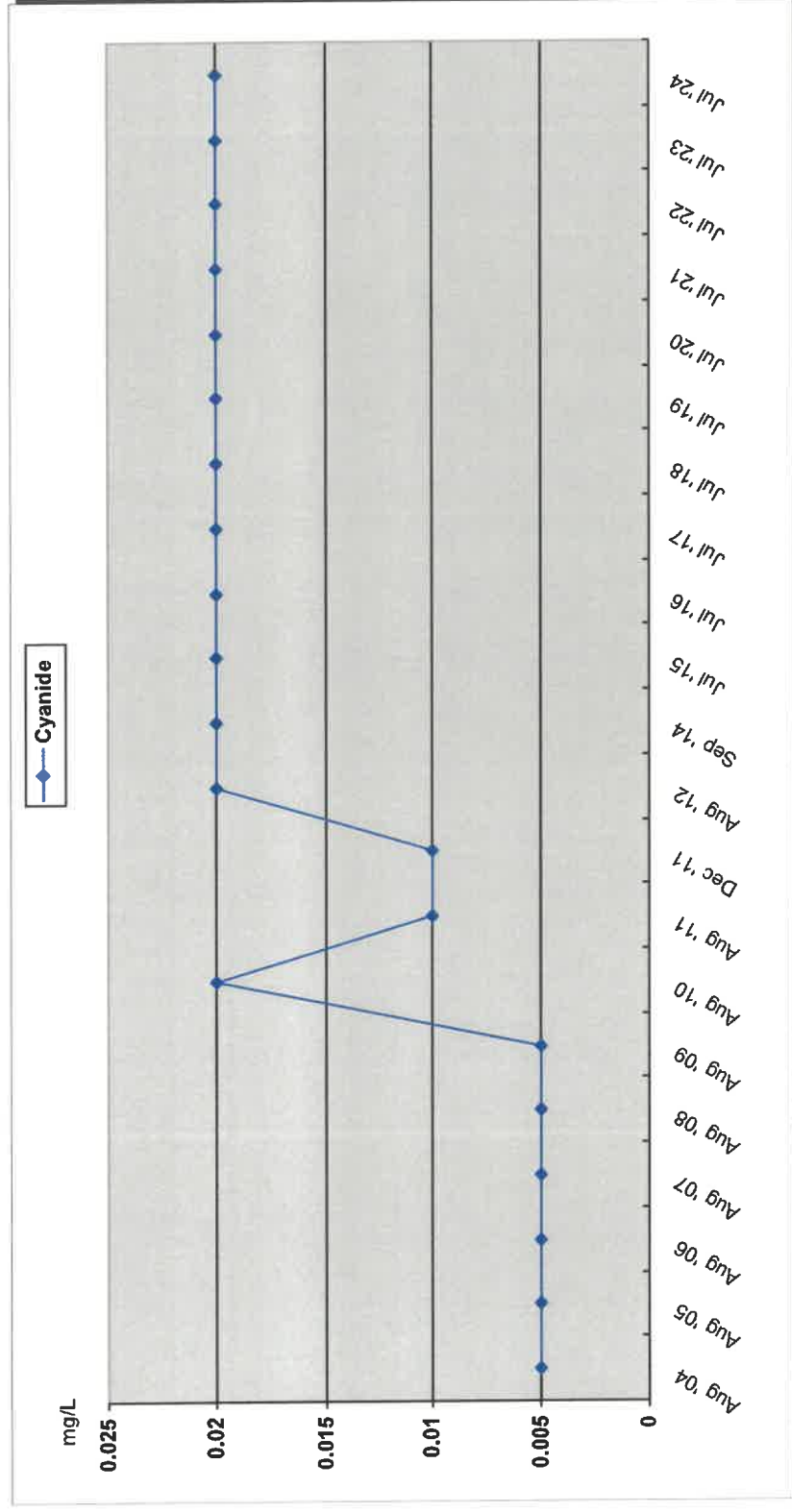
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

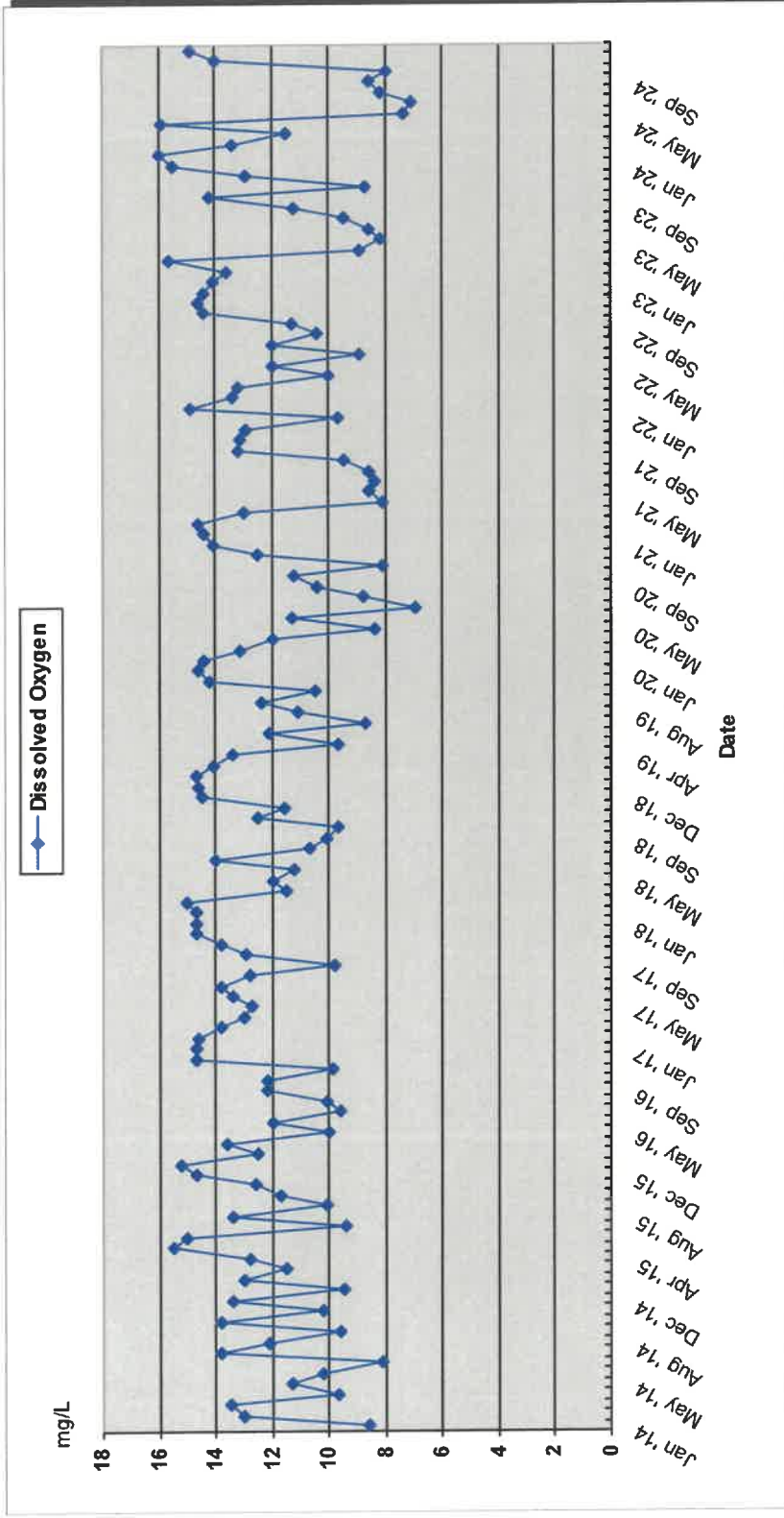
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



# MONITORING CHART FOR 2024 AHR

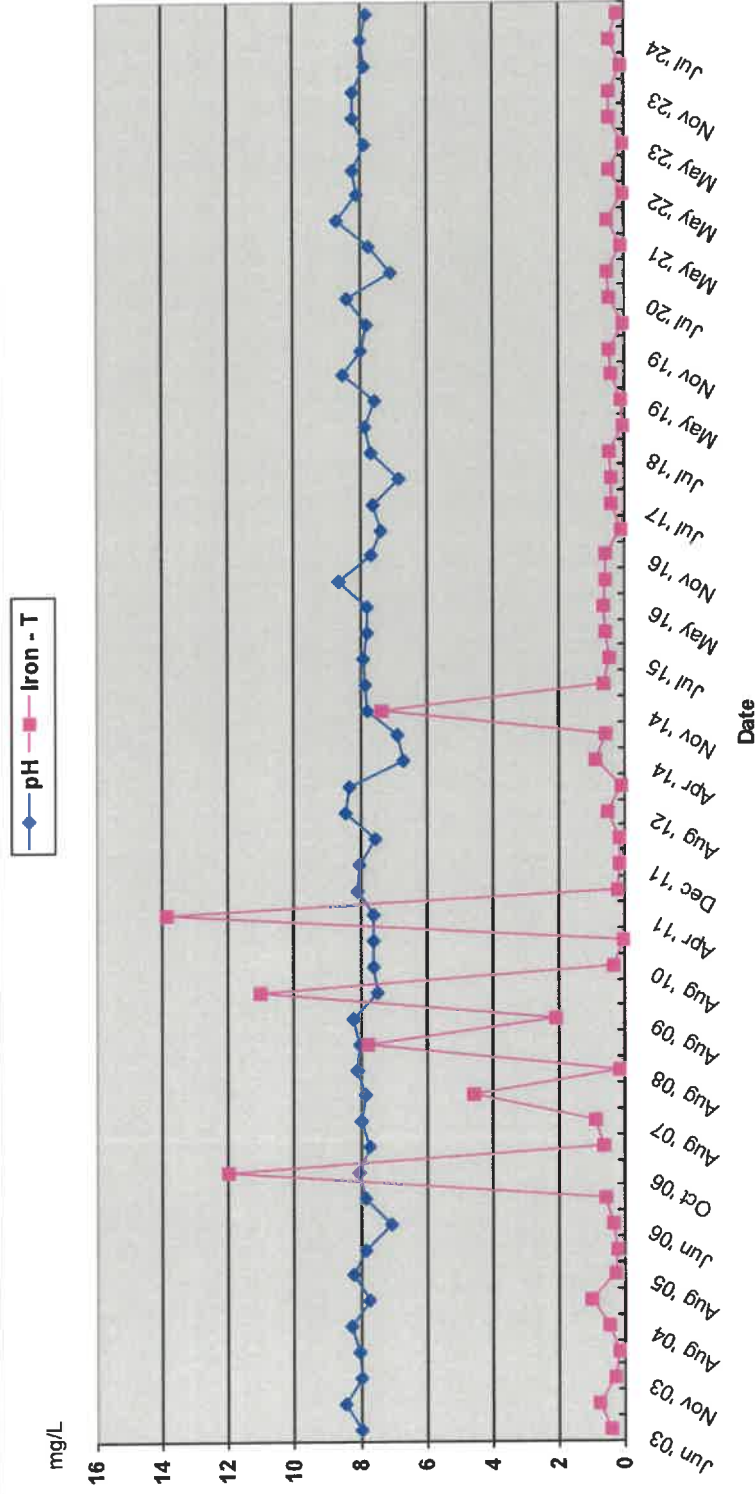
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

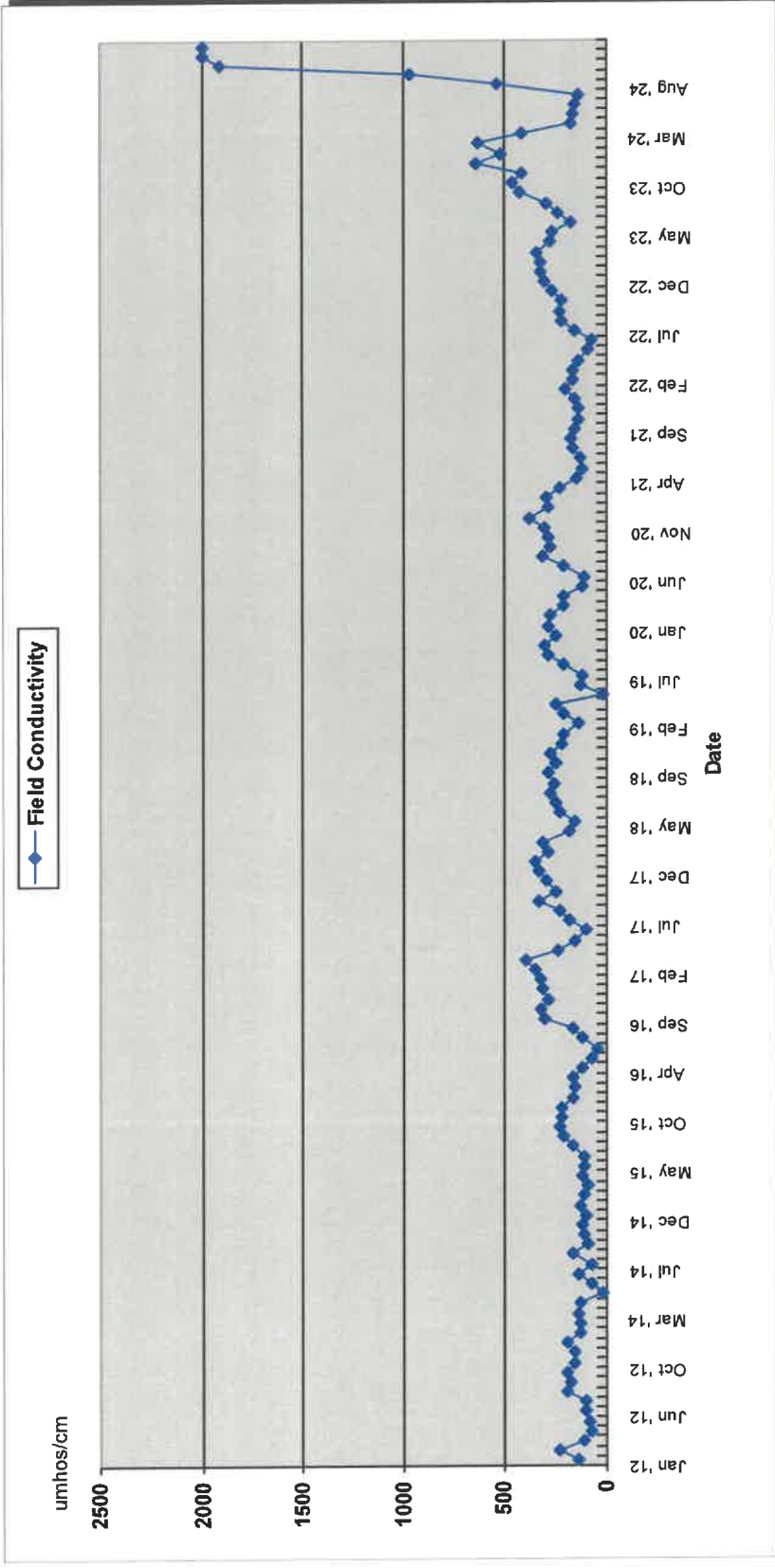
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



# MONITORING CHART FOR 2024 AHR

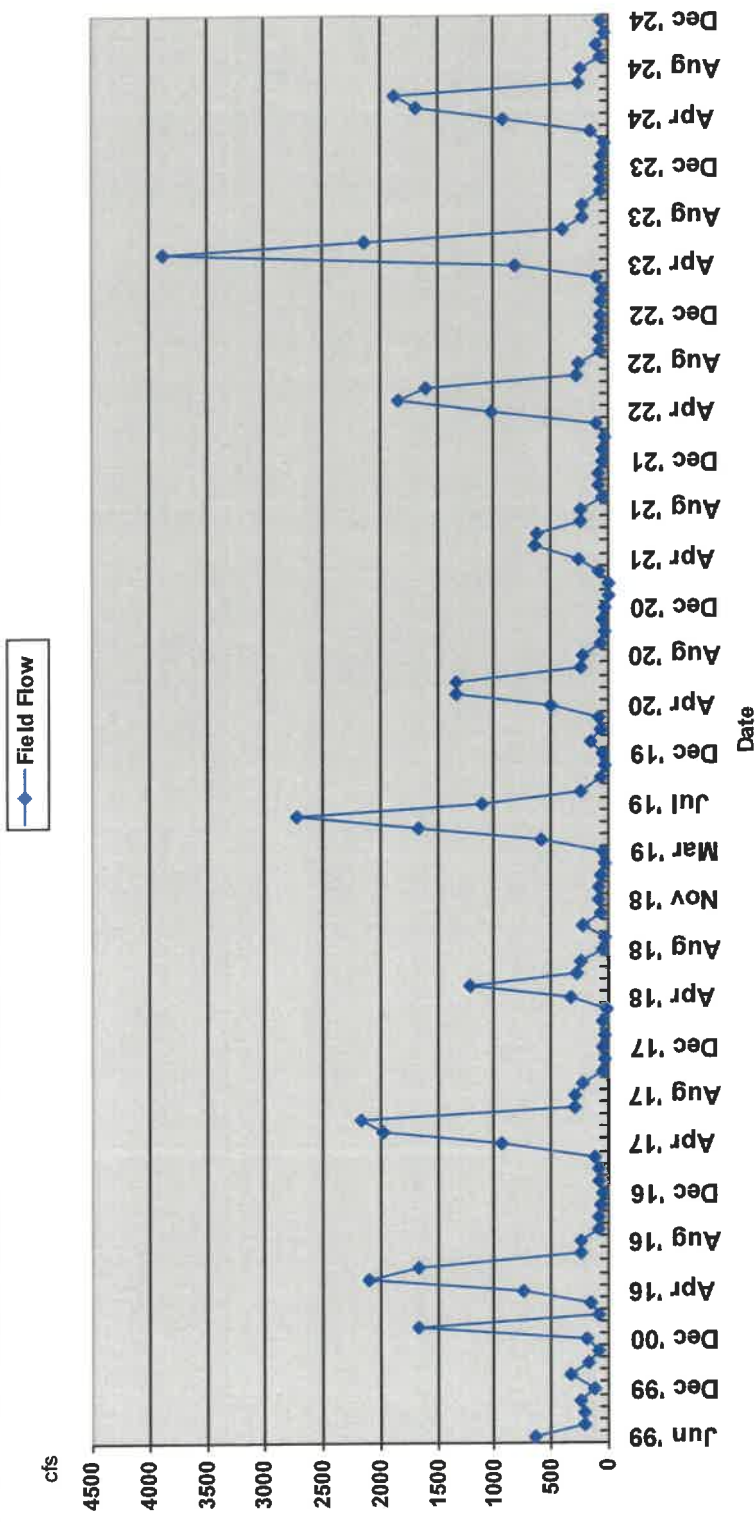
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

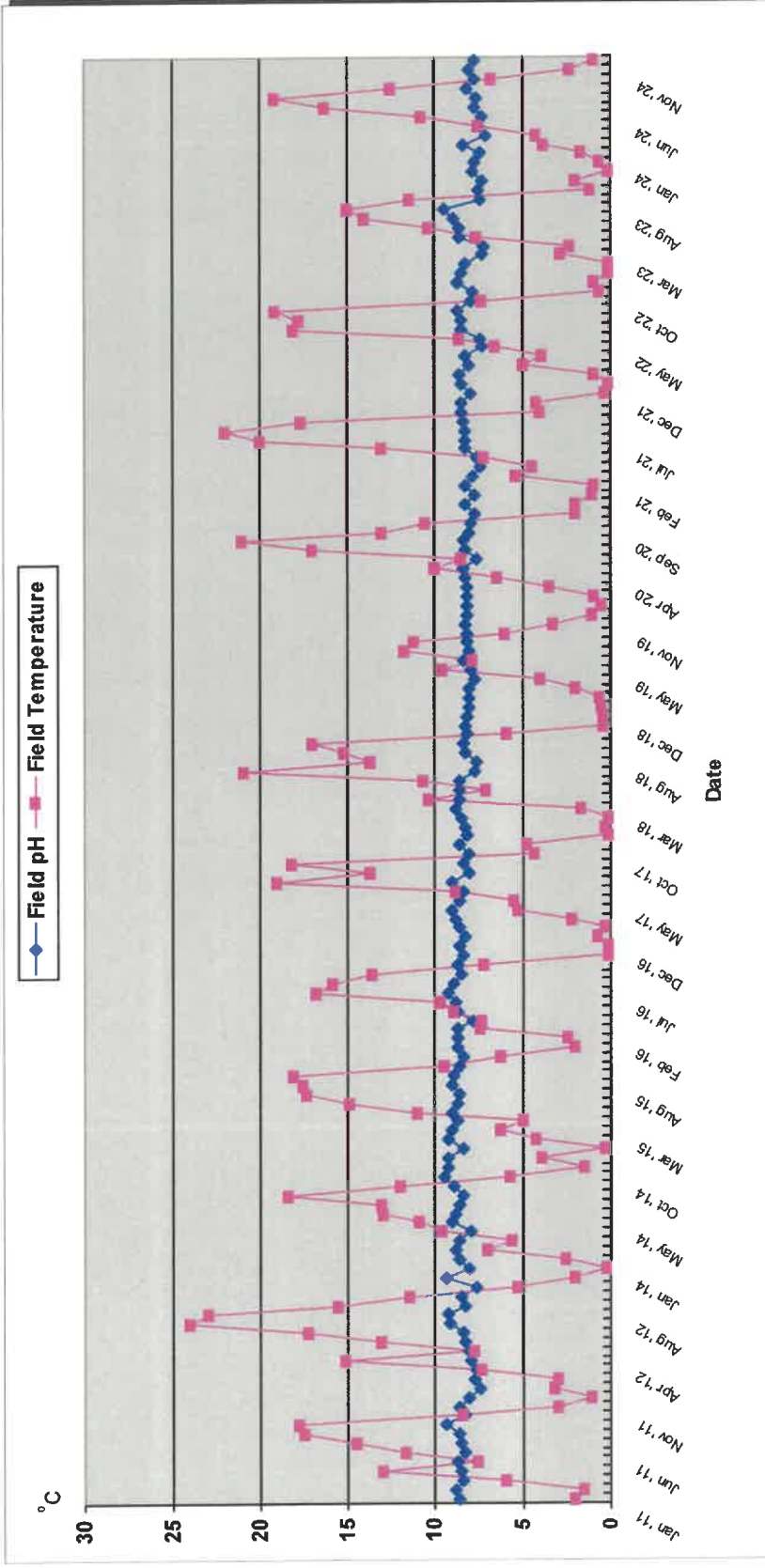
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



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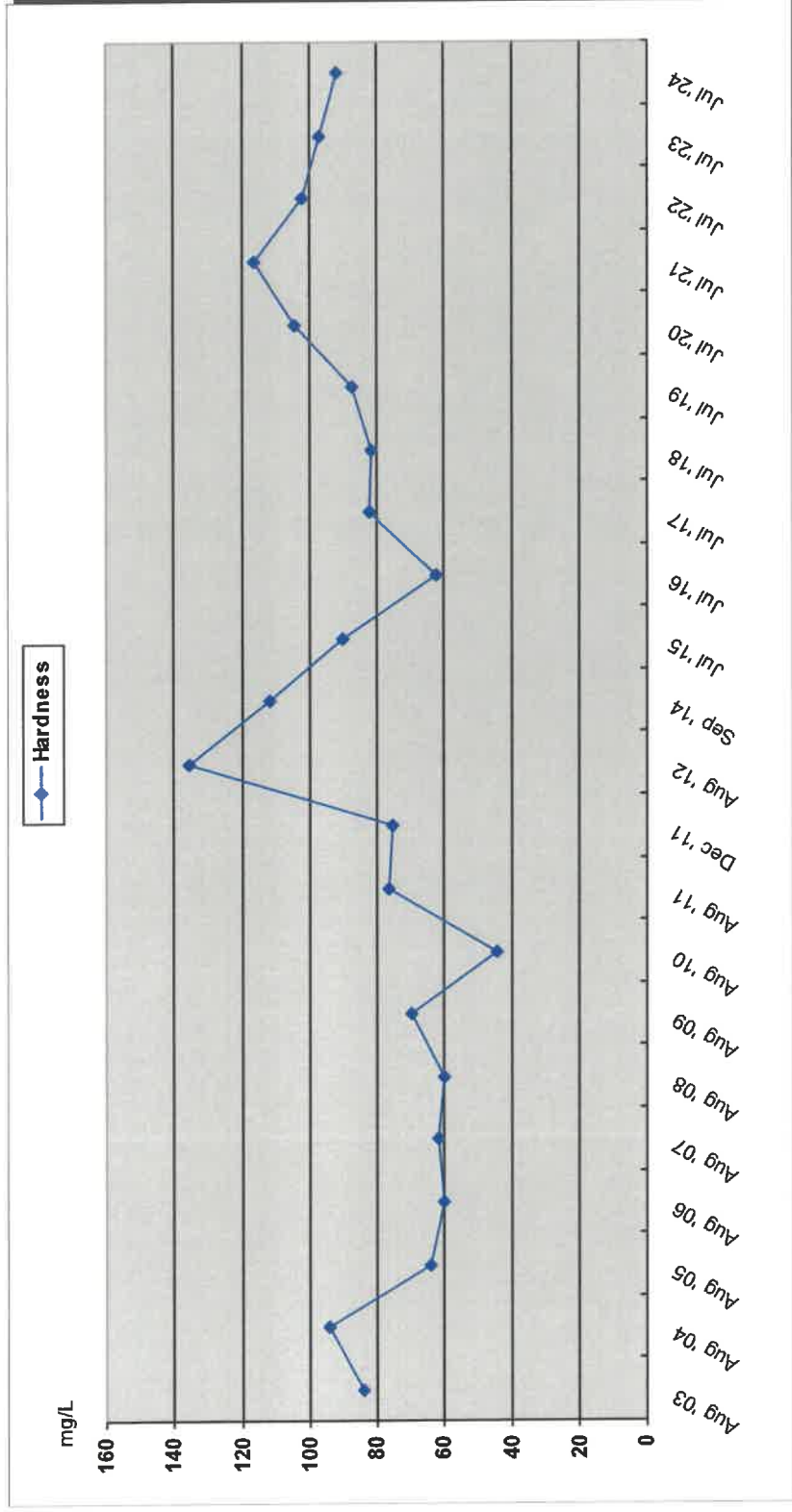
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

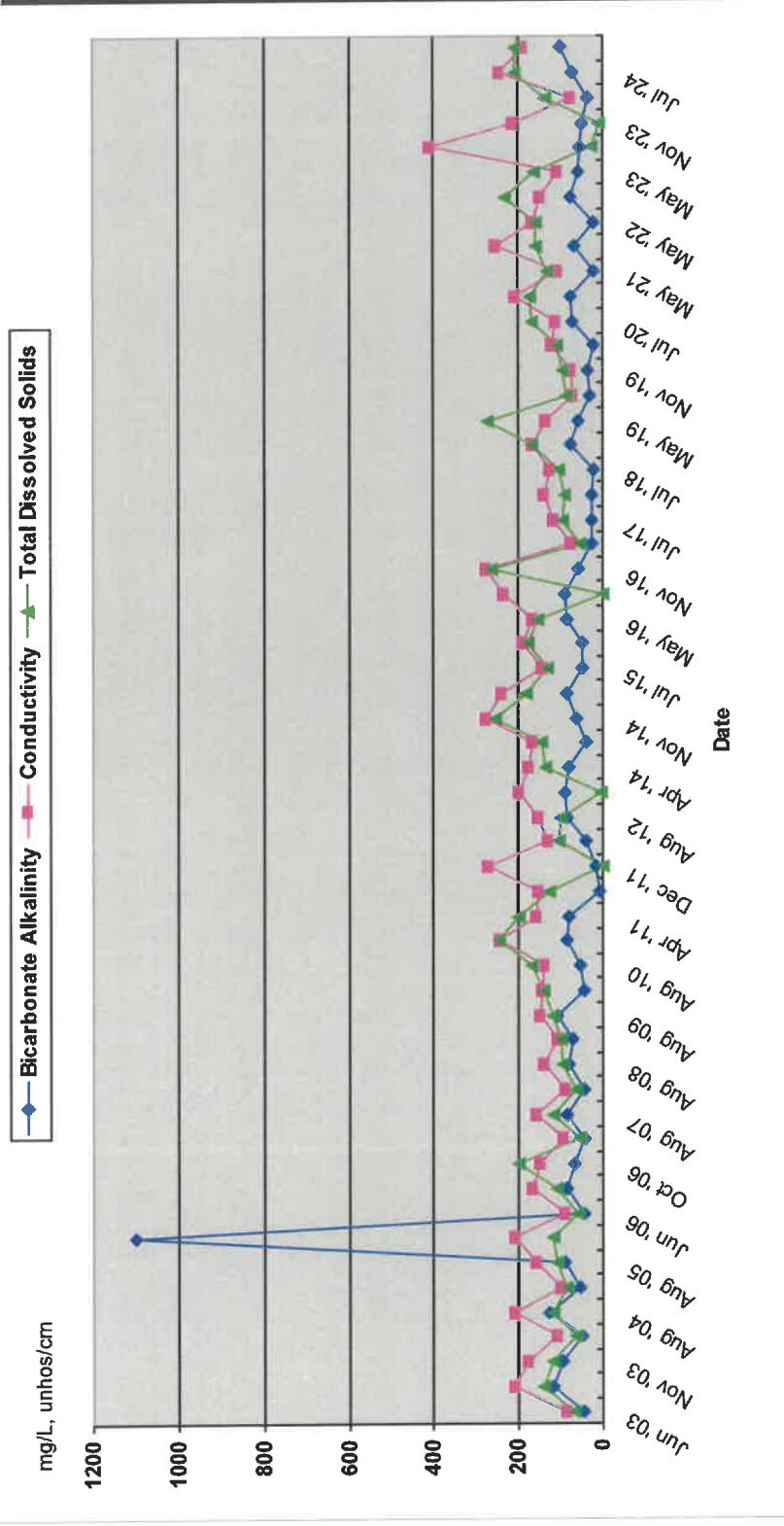
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

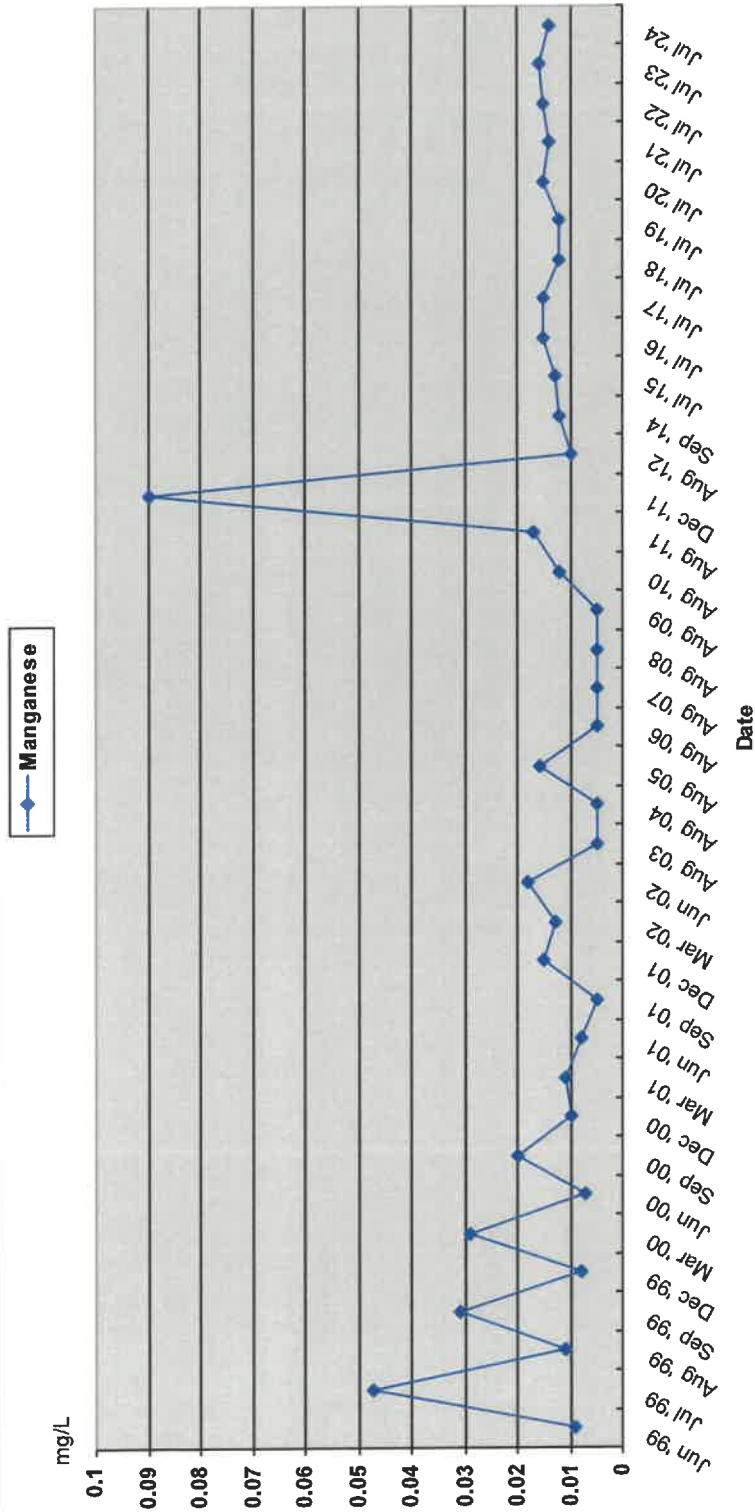


Oxbow Mining, LLC., Elk Creek Mine

Date : 06-Feb-25

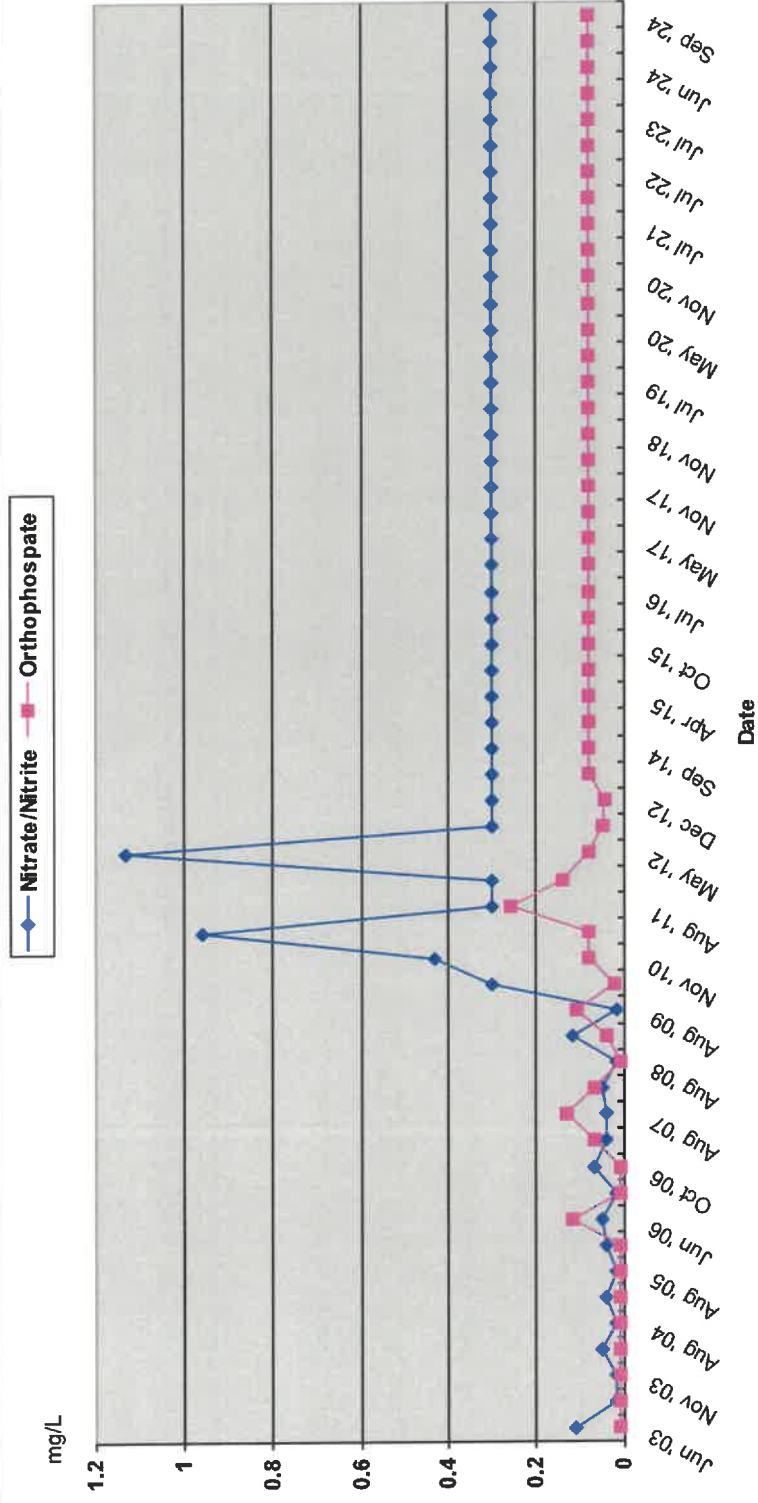
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



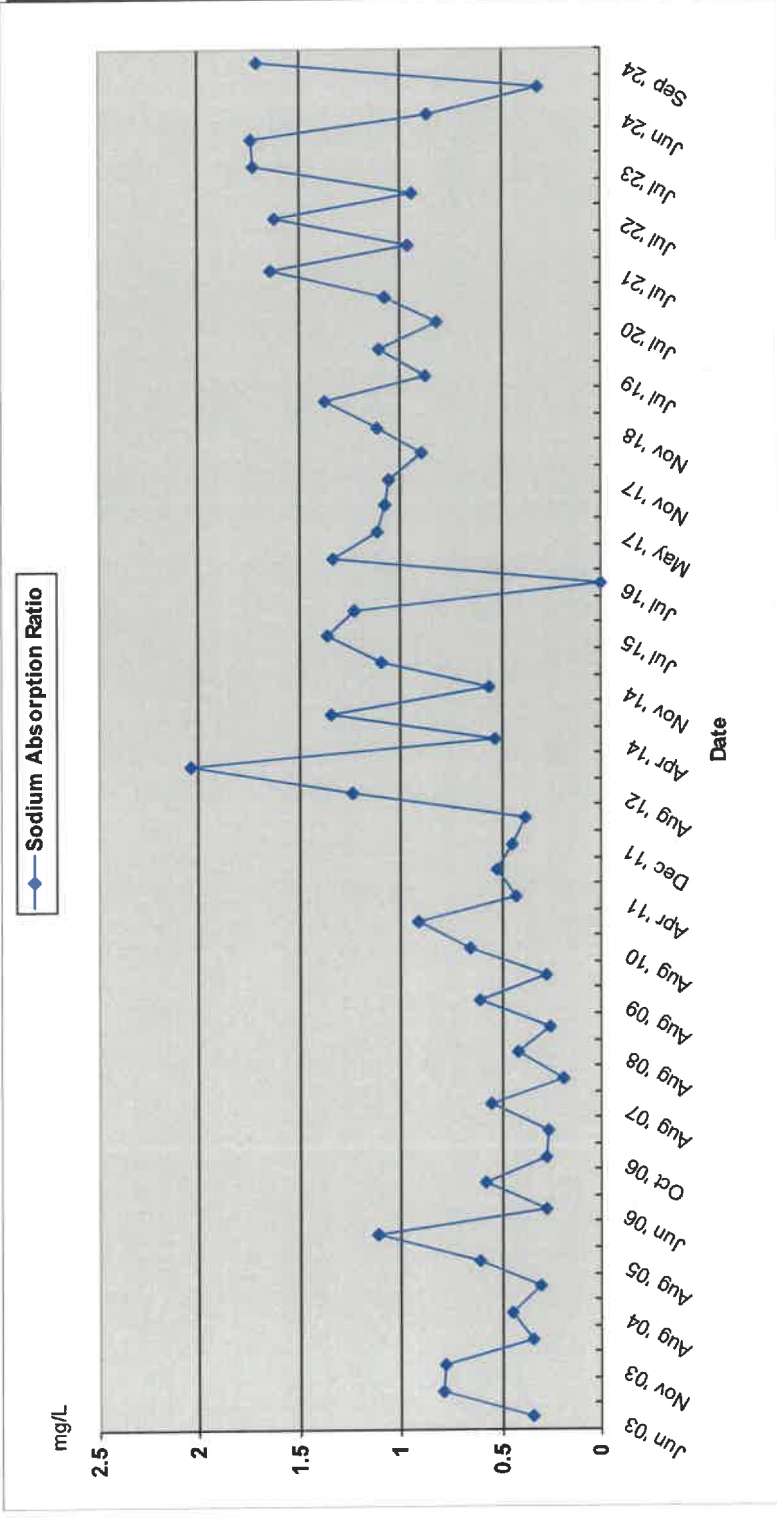
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



# MONITORING CHART FOR 2024 AHR

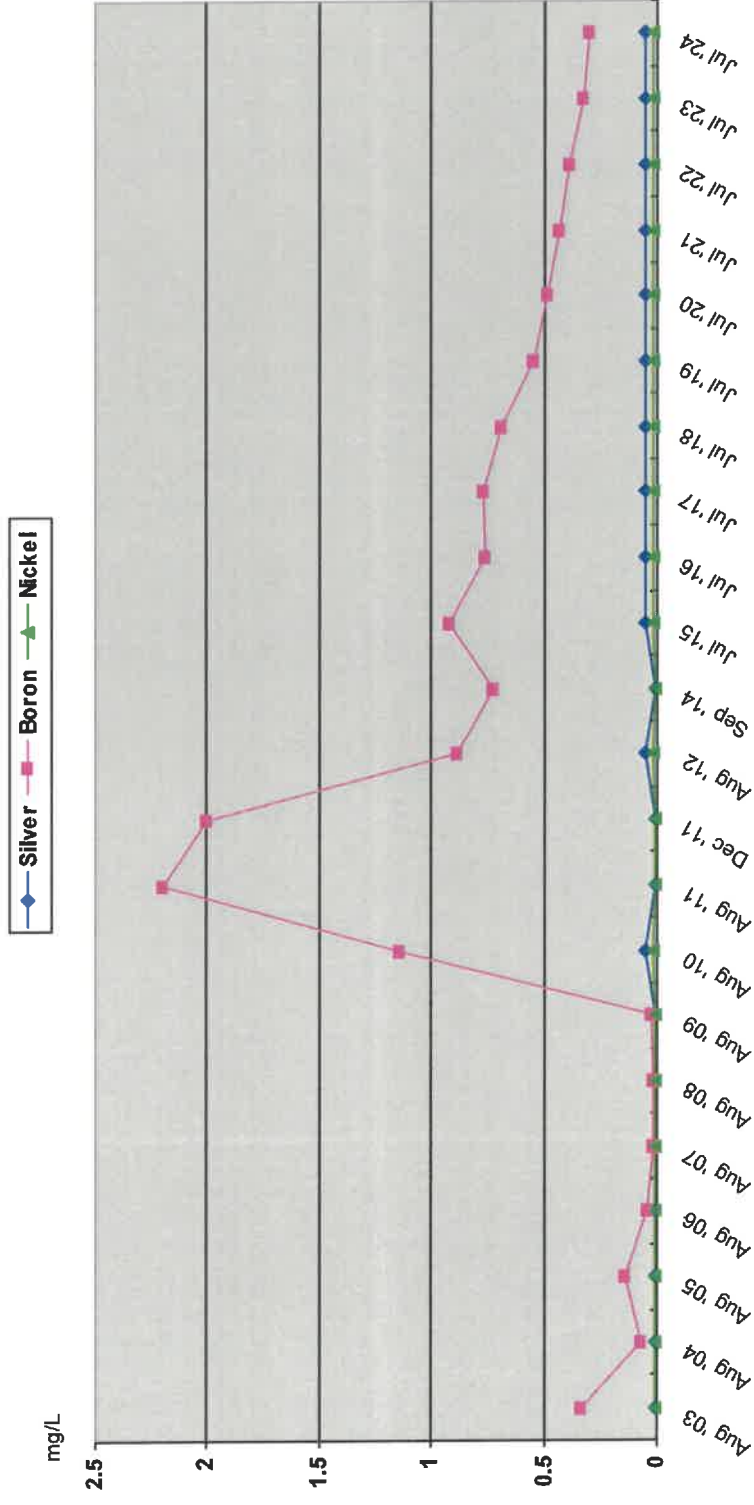
SURFACE WATER LOCATION: NF-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: NF-3



MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3 | pH | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO   | Al | As | Cd | Ca | Cu | Pb | Mg | Mn | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|----------|------------|------|------|----|------|----|---------|-----|-----|-----|-----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|--------|-------|--------|
| 12/10/2024 | 12:25 | 64   | 7.8      | 2000       | 1    |      |    |      |    |         |     |     |     |     | 14.9 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/11/2024 | 14:00 | 42   | 8.1      | 2000       | 2.4  |      |    |      |    |         |     |     |     |     | 14   |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/28/2024 | 13:00 | 102  | 7.8      | 1918       | 6.8  |      |    |      |    |         |     |     |     |     | 8    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 9/11/2024  | 13:52 | 68.6 | 8.2      | 974        | 12.5 |      |    |      |    |         |     |     |     |     | 8    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/19/2024  | 14:30 | 241  | 7.7      | 543        | 19.1 |      |    |      |    |         |     |     |     |     | 8.2  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/22/2024  | 14:15 | 280  | 7.8      | 141        | 16.2 |      |    |      |    |         |     |     |     |     | 7.1  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 6/10/2024  | 14:45 | 1870 | 7.4      | 156        | 10.8 |      |    |      |    |         |     |     |     |     | 7.4  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/31/2024  | 11:30 | 1690 | 7.6      | 165        | 7.6  |      |    |      |    |         |     |     |     |     | 15.9 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/26/2024  | 11:00 | 816  | 7.2      | 173        | 4.3  |      |    |      |    |         |     |     |     |     | 11.5 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 3/27/2024  | 12:15 | 157  | 8.4      | 422        | 3.8  |      |    |      |    |         |     |     |     |     | 13.4 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 2/28/2024  | 11:20 | 28.8 | 7.5      | 630        | 1.7  |      |    |      |    |         |     |     |     |     | 16   |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 1/29/2024  | 13:30 | 59   | 7.8      | 525        | 0.6  |      |    |      |    |         |     |     |     |     | 15.5 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 12/19/2023 | 10:20 | 63   | 7.9      | 643        | 0.1  |      |    |      |    |         |     |     |     |     | 12.9 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/14/2023 | 13:45 | 67.5 | 7.4      | 419        | 2    |      |    |      |    |         |     |     |     |     | 8.7  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/23/2023 | 12:45 | 68.6 | 7.6      | 469        | 1.2  |      |    |      |    |         |     |     |     |     | 14.2 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 9/27/2023  | 11:20 | 225  | 7.5      | 425        | 11.4 |      |    |      |    |         |     |     |     |     | 11.2 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/24/2023  | 11:50 | 229  | 8.5      | 303        | 15   |      |    |      |    |         |     |     |     |     | 9.5  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/17/2023  | 12:00 |      |          |            |      |      |    |      |    |         |     |     |     |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/17/2023  | 12:00 | 402  | 9        | 242        | 14   |      |    |      |    |         |     |     |     |     | 8.6  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 6/22/2023  | 2:20  | 2140 | 8.7      | 176        | 10.4 |      |    |      |    |         |     |     |     |     | 8.2  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/22/2023  | 14:30 | 3870 | 8.7      | 274        | 7.7  |      |    |      |    |         |     |     |     |     | 8.9  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/21/2023  | 13:00 | 810  | 7.3      | 276        | 2.3  |      |    |      |    |         |     |     |     |     | 15.6 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 3/23/2023  | 13:30 | 99   | 7.4      | 348        | 2.9  |      |    |      |    |         |     |     |     |     | 13.6 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 2/10/2023  | 12:30 | 55   | 8.3      | 328        | 0.1  |      |    |      |    |         |     |     |     |     | 14.1 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 1/31/2023  | 10:45 | 72   | 8.5      | 327        | 0.1  |      |    |      |    |         |     |     |     |     | 14.4 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 1/27/2022  | 14:20 | 70   | 8.8      | 310        | 1    |      |    |      |    |         |     |     |     |     | 14.6 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 11/15/2022 | 14:20 | 75   | 7.9      | 271        | 0.6  |      |    |      |    |         |     |     |     |     | 14.4 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 10/12/2022 | 12:10 | 80.9 | 8        | 223        | 7.4  |      |    |      |    |         |     |     |     |     | 11.3 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 9/8/2022   | 14:30 | 74   | 8.8      | 229        | 19.1 |      |    |      |    |         |     |     |     |     | 10.4 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 8/12/2022  | 12:00 | 252  | 8.5      | 223        | 17.7 |      |    |      |    |         |     |     |     |     | 12   |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 7/19/2022  | 14:15 | 272  | 8.5      | 162        | 18   |      |    |      |    |         |     |     |     |     | 8.9  |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 6/7/2022   | 10:25 | 1600 | 7.5      | 75         | 8.6  |      |    |      |    |         |     |     |     |     | 10   |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 5/6/2022   | 12:55 | 1840 | 7.4      | 96         | 6.6  |      |    |      |    |         |     |     |     |     | 13.2 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 4/29/2022  | 10:38 | 1020 | 8.3      | 139        | 4    |      |    |      |    |         |     |     |     |     | 13.4 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 3/24/2022  | 14:00 | 104  | 8.1      | 172        | 5    |      |    |      |    |         |     |     |     |     | 14.9 |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |
| 2/29/2022  | 15:00 | 33.8 | 8.7      | 172        | 1    |      |    |      |    |         |     |     |     |     |      |    |    |    |    |    |    |    |    |    |    |    |    |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

| Date       | Time  | Flow | Field pH | Field Cond | Term | HCO3 | pH | Cond | CI | NO3 | NO2 | SO4 | TSS | TDS | PO4 | DO   | Al | As    | Cd    | Ca    | Cu | Pb    | Mg  | Mn    | Hg      | Mo | Se    | Na    | Zn    | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|------|------|----|------|----|-----|-----|-----|-----|-----|-----|------|----|-------|-------|-------|----|-------|-----|-------|---------|----|-------|-------|-------|-----|--------|-------|--------|
| 1/31/2022  | 11:20 | 60   | 8.5      | 207        | 0.1  |      |    |      |    |     |     |     |     |     |     | 9.7  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 12/2/2021  | 12:15 | 55.6 | 8        | 183        | 0.3  |      |    |      |    |     |     |     |     |     |     | 12.9 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 11/8/2021  | 13:00 | 80.8 | 8.5      | 142        | 4.3  |      |    |      |    |     |     |     |     |     |     | 13.1 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 10/21/2021 | 12:45 | 85.7 | 8.5      | 143        | 4.1  |      |    |      |    |     |     |     |     |     |     | 13.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 9/20/2021  | 15:15 | 59.4 | 8.4      | 182        | 17.6 |      |    |      |    |     |     |     |     |     |     | 9.5  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/12/2021  | 15:00 | 238  | 8.3      | 178        | 22   |      |    |      |    |     |     |     |     |     |     | 8.6  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/26/2021  | 14:05 | 248  | 8.3      | 165        | 20   |      |    |      |    |     |     |     |     |     |     | 8.4  |    | 0.004 | 0.002 | 32.9  |    | 0.005 | 8.3 | 0.014 | 0.00057 |    | 0.003 | 40.73 | 0.042 |     |        | 0.516 | 0.059  |
| 6/11/2021  | 14:15 | 629  | 8.3      | 130        | 13   |      |    |      |    |     |     |     |     |     |     | 8.6  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 5/18/2021  | 11:30 | 646  | 7.7      | 120        | 7.3  |      |    |      |    |     |     |     |     |     |     | 8.1  |    |       |       | 18.2  |    |       | 4.7 |       |         |    |       | 20    |       |     |        | 0.097 | 0.066  |
| 4/12/2021  | 12:15 | 262  | 7.5      | 150        | 4.5  |      |    |      |    |     |     |     |     |     |     | 13   |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/18/2021  | 11:40 | 84.2 | 7.9      | 230        | 5.4  |      |    |      |    |     |     |     |     |     |     | 14.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/24/2021  | 14:30 | 3.4  | 8.3      | 300        | 1    |      |    |      |    |     |     |     |     |     |     | 14.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/21/2021  | 11:45 | 2.1  | 7.8      | 280        | 1.1  |      |    |      |    |     |     |     |     |     |     | 14.1 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 12/3/2020  | 15:15 | 30.5 | 8.3      | 380        | 2    |      |    |      |    |     |     |     |     |     |     | 12.5 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 11/17/2020 | 13:00 | 45   | 7.8      | 310        | 2    |      |    |      |    |     |     |     |     |     |     | 8.1  |    |       |       | 29.3  |    |       | 3.4 |       |         |    |       |       |       |     |        | 0.527 | 0.074  |
| 10/6/2020  | 11:45 | 33.9 | 8        | 290        | 10.8 |      |    |      |    |     |     |     |     |     |     | 11.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 9/15/2020  | 11:45 | 60.9 | 8.1      | 280        | 13   |      |    |      |    |     |     |     |     |     |     | 10.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/12/2020  | 13:45 | 221  | 8.4      | 320        | 21   |      |    |      |    |     |     |     |     |     |     | 8.8  |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/13/2020  | 15:15 | 250  | 8.3      | 210        | 17   |      |    |      |    |     |     |     |     |     |     | 7    |    | 0.004 | 0.002 | 32.84 |    | 0.005 | 5.5 | 0.015 | 0.0006  |    | 0.004 | 19.37 | 0.051 |     |        | 0.498 | 0.064  |
| 6/2/2020   | 9:30  | 1330 | 7.7      | 110        | 8.5  |      |    |      |    |     |     |     |     |     |     | 11.3 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 5/18/2020  | 12:55 | 1340 | 8.4      | 120        | 10   |      |    |      |    |     |     |     |     |     |     | 8.4  |    |       |       | 17.3  |    |       | 4.4 |       |         |    |       | 20    |       |     |        | 0.085 | 0.066  |
| 4/27/2020  | 11:41 | 512  | 8.3      | 210        | 6.5  |      |    |      |    |     |     |     |     |     |     | 12   |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/18/2020  | 11:45 | 80.5 | 8.2      | 210        | 3.5  |      |    |      |    |     |     |     |     |     |     | 13.1 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/21/2020  | 11:15 | 62   | 8.2      | 280        | 1    |      |    |      |    |     |     |     |     |     |     | 14.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/9/2020   | 12:00 | 155  | 8.2      | 290        | 0.5  |      |    |      |    |     |     |     |     |     |     | 14.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 12/9/2019  | 11:30 | 46.3 | 8.2      | 250        | 1.1  |      |    |      |    |     |     |     |     |     |     | 14.2 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 11/18/2019 | 14:15 | 35   | 8.3      | 310        | 3.3  |      |    |      |    |     |     |     |     |     |     | 10.5 |    |       |       |       |    |       | 3.2 |       |         |    |       |       |       |     |        | 0.466 | 0.067  |
| 10/17/2019 | 13:30 | 72   | 8.2      | 290        | 6.1  |      |    |      |    |     |     |     |     |     |     | 12.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 8/20/2019  | 10:15 | 241  | 8.2      | 210        | 11.2 |      |    |      |    |     |     |     |     |     |     | 11.1 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 7/10/2019  | 12:45 | 1110 | 8.1      | 120        | 11.7 |      |    |      |    |     |     |     |     |     |     | 8.7  |    | 0.004 | 0.002 | 29.1  |    | 0.005 | 3.5 | 0.012 | 0.0006  |    | 0.004 | 18.9  | 0.06  |     |        | 0.401 | 0.058  |
| 6/7/2019   | 11:15 | 2720 | 8.4      | 130        | 7.9  |      |    |      |    |     |     |     |     |     |     | 12.1 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 5/13/2019  | 14:15 | 1660 | 8        | 20         | 8.6  |      |    |      |    |     |     |     |     |     |     | 9.7  |    |       |       | 27.1  |    |       | 7.4 |       |         |    |       | 31.3  |       |     |        | 0.087 | 0.032  |
| 4/12/2019  | 11:20 | 586  | 7.8      | 250        | 4.1  |      |    |      |    |     |     |     |     |     |     | 13.4 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 3/15/2019  | 13:45 | 51   | 8.1      | 210        | 2    |      |    |      |    |     |     |     |     |     |     | 14.1 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 2/26/2019  | 8:00  | 30   | 8.1      | 140        | 0.6  |      |    |      |    |     |     |     |     |     |     | 14.7 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |
| 1/29/2019  | 14:30 | 68   | 8.1      | 210        | 0.5  |      |    |      |    |     |     |     |     |     |     | 14.6 |    |       |       |       |    |       |     |       |         |    |       |       |       |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | TDS  | PO4  | DO   | Al | As    | Cd    | Ca    | Cu | Pb | Mg | Mn    | Hg  | Mo    | Se      | Na    | Zn    | Oil   | Grease | Fe-Tr | Fe-Dis |       |       |
|------------|-------|------|----------|------------|------|-------|------|------|-------|---------|-------|-----|------|------|------|----|-------|-------|-------|----|----|----|-------|-----|-------|---------|-------|-------|-------|--------|-------|--------|-------|-------|
| 12/10/2018 | 13:30 | 83   | 8.2      | 220        | 0.4  |       |      |      |       |         |       |     |      |      | 14.5 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 11/14/2018 | 13:45 | 81   | 8.3      | 280        | 0.4  | 77.78 | 7.83 | 167  | 10.02 | 0.3     | 17.74 | 22  | 168  | 0.08 | 11.6 |    |       |       | 19.68 |    |    |    | 9.3   |     |       |         | 23.9  |       |       |        |       | 0      | 0.072 | 0.015 |
| 10/17/2018 | 12:45 | 62.2 | 8.2      | 250        | 6    |       |      |      |       |         |       |     |      |      | 12.5 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 9/18/2018  | 13:50 | 224  | 8.4      | 290        | 17   |       |      |      |       |         |       |     |      |      | 9.7  |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 9/14/2018  | 13:37 | 33.7 | 8.3      | 280        | 15.2 |       |      |      |       |         |       |     |      |      | 10.1 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 8/27/2018  | 10:35 | 46.7 | 7.7      | 280        | 13.7 |       |      |      |       |         |       |     |      |      | 10.7 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 7/11/2018  | 13:47 | 241  | 7.8      | 250        | 20.9 | 24.25 | 7.69 | 129  | 33.25 | 0.3     | 38.22 | 11  | 108  | 0.08 | 14   |    | 0.004 | 0.002 | 26.33 |    |    |    | 0.005 | 3.9 | 0.012 | 0.00008 | 0.004 | 18.55 | 0.019 | 0      | 0     | 0.502  | 0.076 |       |
| 6/22/2018  | 8:36  | 280  | 8.7      | 230        | 10.7 |       |      |      |       |         |       |     |      |      | 11.2 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 5/14/2018  | 10:30 | 1210 | 8.7      | 160        | 7.1  |       |      |      |       |         |       |     |      |      | 12   |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 4/24/2018  | 13:40 | 333  | 8.6      | 190        | 10.4 |       |      |      |       |         |       |     |      |      | 11.5 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 3/6/2018   | 10:30 | 25   | 8.9      | 320        | 1.7  |       |      |      |       |         |       |     |      |      | 15   |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 2/5/2018   | 10:15 | 45   | 8.5      | 290        | 0.1  |       |      |      |       |         |       |     |      |      | 14.7 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 1/5/2018   | 9:30  | 40   | 8.3      | 350        | 0.3  |       |      |      |       |         |       |     |      |      | 14.7 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 12/8/2017  | 12:45 | 45   | 8.2      | 340        | 0.1  |       |      |      |       |         |       |     |      |      | 14.7 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 11/13/2017 | 13:00 | 42.1 | 8.6      | 300        | 4.8  | 27.44 | 6.83 | 140  | 28.76 | 0.3     | 19.35 | 36  | 89   | 0.08 | 13.8 |    |       |       | 25.43 |    |    |    | 4.1   |     |       |         | 21.78 |       |       |        | 0     | 0.399  | 0.068 |       |
| 10/19/2017 | 12:05 | 56.2 | 8.1      | 250        | 4.4  |       |      |      |       |         |       |     |      |      | 12.9 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 9/11/2017  | 11:45 | 233  | 8.4      | 340        | 18.1 |       |      |      |       |         |       |     |      |      | 9.8  |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 8/6/2017   | 10:40 | 289  | 8.1      | 230        | 13.7 |       |      |      |       |         |       |     |      |      | 12.3 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 7/18/2017  | 12:15 | 289  | 9.1      | 190        | 19   | 29.63 | 7.58 | 120  | 28.76 | 0.3     | 45.88 | 10  | 96   | 0.08 | 13.8 |    | 0.004 | 0.002 | 25.68 |    |    |    | 0.005 | 4.4 | 0.015 | 0.00008 | 0.004 | 22.44 | 0.021 | 0      | 0     | 0.438  | 0.072 |       |
| 6/6/2017   | 11:15 | 2170 | 8.4      | 100        | 8.9  |       |      |      |       |         |       |     |      |      | 13.4 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 5/17/2017  | 10:15 | 1980 | 8.6      | 160        | 5.6  | 28.6  | 7.39 | 78   | 32.4  | 0.3     | 46.1  | 68  | 54   | 0.08 | 12.7 |    |       |       | 17.8  |    |    |    | 5.2   |     |       |         | 20.9  |       |       |        | 0     | 0.111  | 0.087 |       |
| 4/28/2017  | 11:30 | 937  | 9.1      | 240        | 5.3  |       |      |      |       |         |       |     |      |      | 13   |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 3/8/2017   | 10:45 | 128  | 8.9      | 400        | 2.2  |       |      |      |       |         |       |     |      |      | 13.8 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 2/9/2017   | 11:15 | 83   | 8.7      | 350        | 0.3  |       |      |      |       |         |       |     |      |      | 14.8 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 1/18/2017  | 12:30 | 83   | 8.3      | 330        | 0.8  |       |      |      |       |         |       |     |      |      | 14.7 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 12/12/2016 | 11:45 | 60   | 8.6      | 320        | 0.1  |       |      |      |       |         |       |     |      |      | 14.7 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 11/29/2016 | 9:45  | 66   | 8.4      | 280        | 0.1  | 58.13 | 7.84 | 278  | 8.39  | 0.3     | 15.64 | 30  | 264  | 0.08 | 9.9  |    |       |       | 22.6  |    |    |    | 5.4   |     |       |         | 27.3  |       |       |        | 0     | 0.59   | 0.051 |       |
| 10/28/2016 | 10:35 | 89   | 8.8      | 330        | 7.3  |       |      |      |       |         |       |     |      |      | 12.2 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 9/22/2016  | 10:00 | 92   | 8.5      | 310        | 13.6 |       |      |      |       |         |       |     |      |      | 12.2 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 8/25/2016  | 11:20 | 241  | 9        | 170        | 15.8 |       |      |      |       |         |       |     |      |      | 10.1 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 7/25/2016  | 11:05 | 245  | 9.3      | 120        | 16.8 | 92.32 | 8.66 | 235  | 15.21 | 0.3     | 11.54 | 18  | 0.06 | 0.08 | 9.6  |    | 0.005 | 0.002 | 16.9  |    |    |    | 0.005 | 4.9 | 0.015 | 0.00011 | 0.005 | 0.08  | 0.023 | 0      | 0     | 0.578  | 0.08  |       |
| 6/9/2016   | 22:45 | 1680 | 8.9      | 50         | 8.7  |       |      |      |       |         |       |     |      |      | 12   |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 5/23/2016  | 22:20 | 2100 | 8.8      | 70         | 9    | 85.41 | 7.79 | 169  | 8.53  | 0.3     | 16.88 | 96  | 154  | 0.08 | 10   |    |       |       |       |    |    |    | 4.4   |     |       |         | 25.6  |       |       |        | 0     | 0.64   | 0.09  |       |
| 4/28/2016  | 13:30 | 746  | 7.9      | 120        | 7.4  |       |      |      |       |         |       |     |      |      | 13.9 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 3/10/2016  | 13:25 | 156  | 8.8      | 170        | 7.5  |       |      |      |       |         |       |     |      |      | 12.5 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |
| 2/11/2016  | 11:30 | 90   | 8.8      | 180        | 2.5  |       |      |      |       |         |       |     |      |      | 15.2 |    |       |       |       |    |    |    |       |     |       |         |       |       |       |        |       |        |       |       |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | TDS | PO4   | DO   | Al | As    | Cd    | Ca    | Cu | Pb    | Mg   | Mn    | Hg      | Mo | Se    | Na    | Zn    | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|------|-------|------|------|-------|---------|-------|-----|-----|-------|------|----|-------|-------|-------|----|-------|------|-------|---------|----|-------|-------|-------|-----|--------|-------|--------|
| 12/10/2015 | 9:00  |      | 8.8      | 170        | 2    |       |      |      |       |         |       |     |     |       | 14.7 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 11/9/2015  | 13:25 |      | 8.4      | 220        | 6.3  |       |      |      |       |         |       |     |     |       | 12.6 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 10/21/2015 | 9:15  |      | 8.6      | 220        | 9.5  | 50.28 | 7.79 | 191  | 22.53 | 0.3     | 15.44 | 2.3 | 178 | 0.06  | 11.7 |    |       |       | 27.6  |    |       | 7.3  |       |         |    |       | 28.1  |       |     |        | 0.6   | 0.058  |
| 9/18/2015  | 14:00 |      | 9        | 230        | 18   |       |      |      |       |         |       |     |     |       | 10.1 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 8/4/2015   | 12:50 |      | 9.1      | 210        | 17.5 |       |      |      |       |         |       |     |     |       | 13.4 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 7/21/2015  | 14:20 |      | 8.6      | 170        | 17.3 | 51.05 | 7.92 | 148  | 24.18 | 0.3     | 11.54 | 22  | 133 | 0.06  | 9.4  |    | 0.004 | 0.002 | 27.84 |    | 0.005 | 5.1  | 0.013 | 0.0001  |    | 0.005 | 29.71 | 0.022 |     |        | 0.51  | 0.087  |
| 6/17/2015  | 14:00 |      | 8.8      | 110        | 14.8 |       |      |      |       |         |       |     |     |       | 15   |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 5/4/2015   | 14:00 |      | 9.1      | 110        | 11   |       |      |      |       |         |       |     |     |       | 15.5 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 4/14/2015  | 10:20 |      | 8.8      | 120        | 5    | 88.6  | 7.84 | 242  | 8.53  | 0.3     | 16.88 | 28  | 182 | 0.08  | 12.8 |    |       |       | 15    |    |       | 4.4  |       |         |    |       | 18.8  |       |     |        | 0.84  | 0.09   |
| 3/3/2015   | 1:30  |      | 9.1      | 90         | 6.3  |       |      |      |       |         |       |     |     |       | 11.5 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 2/3/2015   | 14:00 |      | 9.3      | 110        | 4.3  |       |      |      |       |         |       |     |     |       | 13   |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 1/9/2015   | 14:20 |      | 8.4      | 130        | 0.3  |       |      |      |       |         |       |     |     |       | 9.5  |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 12/18/2014 | 14:15 |      | 9.3      | 100        | 4    |       |      |      |       |         |       |     |     |       | 13.4 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 11/11/2014 | 11:15 |      | 8.3      | 120        | 1.5  | 65.57 | 7.78 | 279  | 38.24 | 0.3     | 24.89 | 75  | 255 | 0.08  | 10.2 |    |       |       | 51.6  |    |       | 14.6 |       |         |    |       | 17.8  |       |     |        | 7.38  | 0.02   |
| 10/31/2014 | 11:15 |      | 8.5      | 110        | 5.8  |       |      |      |       |         |       |     |     |       | 13.8 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 9/10/2014  | 10:20 |      | 9        | 90         | 12   | 40.29 | 8.86 | 167  | 55.12 | 0.3     | 13.17 | 34  | 148 | 0.08  | 9.6  |    | 0.003 | 0.003 | 28.2  |    | 0.005 | 10.0 | 0.012 | 0.00003 |    | 0.005 | 32.6  | 0.023 |     |        | 0.51  | 0.14   |
| 8/25/2014  | 13:45 |      | 8.4      | 170        | 18.4 |       |      |      |       |         |       |     |     |       | 12.1 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 7/8/2014   | 8:15  |      | 8.7      | 70         | 13   |       |      |      |       |         |       |     |     |       | 13.8 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 6/11/2014  | 1:20  |      | 8.9      | 140        | 12.9 |       |      |      |       |         |       |     |     |       | 8.1  |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 5/19/2014  | 13:40 |      | 9.1      | 70         | 10.9 |       |      |      |       |         |       |     |     |       | 10.2 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 5/13/2014  | 14:15 | 1680 | 8        | 20         | 9.6  |       |      |      |       |         |       |     |     |       | 11.3 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 4/8/2014   | 10:50 |      | 8.7      | 130        | 5.7  | 84.13 | 8.89 | 177  | 9.74  | 0.3     | 12.77 | 59  | 136 | 0.08  | 9.7  |    |       |       | 38.6  |    |       | 20.2 |       |         |    |       | 16.57 |       |     |        | 0.89  | 0.02   |
| 3/8/2014   | 13:20 |      | 8.9      | 140        | 7    |       |      |      |       |         |       |     |     |       | 13.5 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 2/24/2014  | 14:20 |      | 8.7      | 130        | 2.6  |       |      |      |       |         |       |     |     |       | 13   |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 1/15/2014  | 13:45 |      | 8.1      | 130        | 0.2  |       |      |      |       |         |       |     |     |       | 8.6  |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 1/31/2013  | 9:15  |      |          |            |      |       |      |      |       |         |       |     |     |       |      |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 12/5/2012  | 12:30 |      | 9.4      | 200        | 2    | 93.44 | 8.35 | 199  | 76.22 | 0.3     | 4.38  | 172 | 5   | 0.046 | 8.5  |    |       |       | 48    |    |       | 17.4 |       |         |    |       | 64.8  |       |     |        | 0.1   | 0.08   |
| 11/20/2012 | 13:00 |      | 7.7      | 160        | 5.3  |       |      |      |       |         |       |     |     |       | 11.8 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 10/10/2012 | 13:30 |      | 8.5      | 160        | 11.4 |       |      |      |       |         |       |     |     |       | 12.2 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 9/6/2012   | 13:00 |      | 8.3      | 200        | 15.5 |       |      |      |       |         |       |     |     |       | 11.2 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 8/2/2012   | 11:25 |      | 9.3      | 180        | 23   | 85.79 | 8.48 | 155  | ##    | 0.3     | 2.67  | 34  | 102 | 0.051 | 11.3 |    | 0.003 | 0.001 | 41.2  |    | 0.005 | 8.0  | 0.01  | 0.00004 |    | 0.007 | 33.2  | 0.04  |     |        | 0.53  | 0.07   |
| 7/30/2012  | 12:40 |      | 9.2      | 200        | 24   |       |      |      |       |         |       |     |     |       | 11   |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 6/13/2012  | 10:40 |      | 8.4      | 100        | 17.2 |       |      |      |       |         |       |     |     |       | 10.3 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 6/8/2012   | 11:15 |      | 8.3      | 100        | 13   |       |      |      |       |         |       |     |     |       | 14.8 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |
| 5/9/2012   | 12:03 |      | 8.1      | 80         | 7.8  | 41.11 | 7.54 | 132  | 54.59 | 1.13    | 36.55 | 12  | 104 | 0.08  | 8.4  |    |       |       | 9.58  |    |       | 2.8  |       |         |    |       | 5.15  |       |     |        | 0.19  | 0.02   |
| 4/23/2012  | 13:45 |      | 8        | 70         | 15.1 |       |      |      |       |         |       |     |     |       | 14.2 |    |       |       |       |    |       |      |       |         |    |       |       |       |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond  | CI    | NO3/NO2 | SO4   | TSS | TDS | PO4   | DO   | Al | As    | Cd    | Ca    | Cu    | Pb   | Mg    | Mn       | Hg    | Mo    | Se    | Na    | Zn | Oil   | Grease | Fe-Tr | Fe-Dls |  |
|------------|-------|------|----------|------------|------|-------|------|-------|-------|---------|-------|-----|-----|-------|------|----|-------|-------|-------|-------|------|-------|----------|-------|-------|-------|-------|----|-------|--------|-------|--------|--|
| 3/26/2012  | 13:00 |      | 7.7      | 115        | 7.4  |       |      |       |       |         |       |     |     |       | 12.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 2/20/2012  | 15:00 |      | 7.8      | 230        | 3    |       |      |       |       |         |       |     |     |       | 14.7 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 1/10/2012  | 13:00 |      | 7.5      | 140        | 3.2  |       |      |       |       |         |       |     |     |       | 14.6 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 12/5/2011  | 15:00 |      | 8.1      | 190        | 1.1  | 18.53 | 8.03 | 272   | 2.97  | 0.3     | 8.17  | 150 | 2   | 0.14  | 7.4  |    | 0.002 | 0.005 | 25.2  | 0.005 | 3.0  | 0.09  | 0.000025 | 0.003 | 9     | 0.01  | 0     | 0  | 0     | 0      | 0.18  | 0.02   |  |
| 11/18/2011 | 14:00 |      | 8.6      | 150        | 3    |       |      |       |       |         |       |     |     |       | 14.2 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 10/7/2011  | 13:00 |      | 8.3      | 180        | 8.4  |       |      |       |       |         |       |     |     |       | 12.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 9/8/2011   | 12:00 |      | 8.4      | 180        | 17.7 |       |      |       |       |         |       |     |     |       | 12.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 8/15/2011  | 12:15 |      | 8.6      | 130        | 17.4 | 8.42  | 8.12 | 153   | 7.44  | 0.3     | 8.64  | 15  | 129 | 0.26  | 9.7  |    | 0.004 | 0.007 | 25.8  | 0.005 | 3.0  | 0.017 | 0.000025 | 0.005 | 10.49 | 0.022 | 0     | 0  | 0     | 0.27   | 0.13  |        |  |
| 7/26/2011  | 15:00 |      | 8.5      | 110        | 14.4 |       |      |       |       |         |       |     |     |       | 12.5 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 6/14/2011  | 14:00 |      | 8.3      | 70         | 11.6 |       |      |       |       |         |       |     |     |       | 14.2 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 5/23/2011  | 13:55 |      | 8.8      | 140        | 7.6  |       |      |       |       |         |       |     |     |       | 15.8 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 4/19/2011  | 14:00 |      | 8.5      | 130        | 12.9 | 84.24 | 7.63 | 159   | 21.8  | 0.96    | 75.46 | 546 | 200 | 0.08  | 8.3  |    |       |       | 19.9  |       | 12.4 |       |          |       |       |       | 9.92  | 0  | 0     | 13.91  | 0.08  |        |  |
| 3/30/2011  | 14:15 |      | 8.4      | 210        | 8    |       |      |       |       |         |       |     |     |       | 13   |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 2/4/2011   | 14:30 |      | 8.9      | 270        | 1.5  |       |      |       |       |         |       |     |     |       | 13.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 1/21/2011  | 14:20 |      | 8.7      | 240        | 2    |       |      |       |       |         |       |     |     |       | 14.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 12/21/2010 | 11:15 |      | 8.7      | 210        | 1    |       |      |       |       |         |       |     |     |       | 12.3 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 11/2/2010  | 12:45 |      | 8.7      | 210        | 5.2  | 87.48 | 7.62 | 245   | 12.71 | 0.43    | 20.99 | 68  | 248 | 0.06  | 9.5  |    |       |       | 24.3  |       | 5.8  |       |          |       |       |       | 19.29 | 0  | 0     | 0.08   | 0.01  |        |  |
| 10/27/2010 | 1:15  |      | 9        | 160        | 4.8  |       |      |       |       |         |       |     |     |       | 14.1 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 9/27/2010  | 2:00  |      | 8.4      | 270        | 17   |       |      |       |       |         |       |     |     |       | 11.7 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 8/5/2010   | 12:50 |      | 9.2      | 130        | 20   | 52.7  | 7.59 | 142   | 20.42 | 0.3     | 8.64  | 76  | 168 | 0.023 | 12.6 |    | 0.005 | 0.002 | 13.36 | 0.005 | 2.6  | 0.012 | 0.000016 | 0.006 | 10.02 | 14    | 0     | 0  | 0.35  | 0.04   |       |        |  |
| 7/15/2010  | 2:20  |      | 8.9      | 150        | 19   |       |      |       |       |         |       |     |     |       | 13.5 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 6/4/2010   | 12:20 |      | 9.8      | 75         | 10.2 |       |      |       |       |         |       |     |     |       | 13.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 5/18/2010  | 11:10 |      | 9.1      | 90         | 8.5  | 45.65 | 7.51 | 145.2 | 21.8  | 1.93    | 34.99 | 108 | 141 | 0     | 8.2  |    |       |       | 16.5  |       | 4.9  |       |          |       |       | 4.91  | 0     | 0  | 11.07 | 0.08   |       |        |  |
| 4/22/2010  | 1:30  |      | 9.1      | 100        | 5.9  |       |      |       |       |         |       |     |     |       | 12.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 3/3/2010   | 1:30  |      | 9.4      | 250        | 2    |       |      |       |       |         |       |     |     |       | 11.2 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 2/23/2010  | 1:30  |      | 9.4      | 450        | 2.1  |       |      |       |       |         |       |     |     |       | 13.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 1/28/2010  | 1:30  |      | 9.1      | 280        | 1.6  |       |      |       |       |         |       |     |     |       | 17.2 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 12/9/2009  | 10:30 |      | 8.7      | 210        | 1    |       |      |       |       |         |       |     |     |       | 14   |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 11/16/2009 | 10:15 |      | 8.4      | 230        | 2.8  |       |      |       |       |         |       |     |     |       | 13.2 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 9/25/2009  | 9:15  |      | 7.2      | 160        | 15.3 |       |      |       |       |         |       |     |     |       | 10.9 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 8/5/2009   | 10:45 |      | 8.2      | 140        | 19.6 | 110   | 8.18 | 150   | 2     | 0.02    | 7     | 12  | 120 | 0.11  | 9.4  |    | 0.01  | 0.005 | 22    | 0.01  | 4.3  | 0.005 | 0.0002   | 0.002 | 12    | 0.005 | 0     | 0  | 0     | 2.1    | 0.03  |        |  |
| 7/17/2009  | 1:15  |      | 7        | 140        | 18.5 |       |      |       |       |         |       |     |     |       | 4    |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 6/22/2009  | 9:45  |      | 7.8      | 90         | 12.9 |       |      |       |       |         |       |     |     |       | 15.8 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 5/6/2009   | 10:00 |      | 7.8      | 90         | 7.1  | 72    | 8.04 | 110   | 1     | 0.12    | 5     | 230 | 100 | 0.04  | 15.2 |    |       |       | 21    |       | 6.2  |       |          |       |       | 5.3   | 0     | 0  | 7.8   | 0.05   |       |        |  |
| 4/28/2009  | 10:55 |      | 8.3      | 120        | 5.7  |       |      |       |       |         |       |     |     |       | 14.5 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |
| 3/9/2009   | 10:25 |      | 8        | 200        | 4.4  |       |      |       |       |         |       |     |     |       | 13.8 |    |       |       |       |       |      |       |          |       |       |       |       |    |       |        |       |        |  |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

| Date       | Time  | Flow | pH   | Field Cond | Tem  | HCO3 | pH | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO   | Al | As    | Cd    | Ca | Cu | Pb   | Mg  | Mn    | Hg     | Mo | Se    | Na  | Zn    | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|------|------------|------|------|----|------|----|---------|-----|-----|-----|-----|------|----|-------|-------|----|----|------|-----|-------|--------|----|-------|-----|-------|-----|--------|-------|--------|
| 2/5/2009   | 12:30 |      | 7.8  | 110        | 1    |      |    |      |    |         |     |     |     |     | 14.9 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 1/16/2009  | 11:45 |      | 7.7  | 290        | 0.6  |      |    |      |    |         |     |     |     |     | 13.8 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 12/2/2008  | 14:00 |      | 8.1  | 160        | 2.8  |      |    |      |    |         |     |     |     |     | 13   |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 11/17/2008 | 14:00 |      | 8.2  | 170        | 6.3  |      |    |      |    |         |     |     |     |     | 12   |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 10/15/2008 | 13:00 |      | 7.4  | 160        | 4.8  |      |    |      |    |         |     |     |     |     | 11.2 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 8/11/2008  | 13:00 |      | 7.2  | 170        | 16   |      |    |      |    |         |     |     |     |     | 11.3 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 8/5/2008   | 12:35 |      | 8.4  | 130        | 16   |      |    |      |    |         |     |     |     |     | 8.3  |    | 0.01  | 0.005 | 19 |    | 0.05 | 3.3 | 0.005 | 0.0002 |    | 0.002 | 7.5 |       |     |        | 0.18  | 0.02   |
| 7/29/2008  | 13:45 |      | 7.8  | 180        | 19   |      |    |      |    |         |     |     |     |     | 12.1 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 6/18/2008  | 10:20 |      | 8.5  | 80         | 10.4 |      |    |      |    |         |     |     |     |     | 10.4 |    |       |       | 14 |    | 3.3  |     |       |        |    |       |     |       |     |        | 4.6   | 0.03   |
| 6/18/2008  | 10:20 |      | 8.8  | 550        | 18   |      |    |      |    |         |     |     |     |     | 10.4 |    |       |       | 14 |    | 3.3  |     |       |        |    |       |     |       |     |        | 4.8   | 0.03   |
| 5/29/2008  | 14:00 |      | 8.5  | 310        | 14.3 |      |    |      |    |         |     |     |     |     | 5.8  |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 5/23/2008  | 11:10 |      | 8.5  | 100        | 6.3  |      |    |      |    |         |     |     |     |     | 11   |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 4/21/2008  | 13:45 |      | 8.6  | 200        | 8.9  |      |    |      |    |         |     |     |     |     | 13   |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 4/18/2008  | 14:40 |      | 8.1  | 160        | 7.6  |      |    |      |    |         |     |     |     |     | 13.8 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 3/26/2008  | 14:40 |      | 8.7  | 180        | 7.8  |      |    |      |    |         |     |     |     |     | 8.3  |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 3/26/2008  | 14:40 |      | 8.7  | 180        | 7.8  |      |    |      |    |         |     |     |     |     | 8.3  |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 1/30/2008  | 12:00 |      | 8.3  | 200        | 1    |      |    |      |    |         |     |     |     |     | 9    |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 1/30/2008  | 12:30 |      | 8.3  | 200        | 1    |      |    |      |    |         |     |     |     |     | 9    |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 12/18/2007 | 12:45 |      | 8.31 | 150        | 0.8  |      |    |      |    |         |     |     |     |     | 17   |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 11/13/2007 | 13:30 |      | 7.5  | 180        | 1    |      |    |      |    |         |     |     |     |     | 12.3 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 10/24/2007 | 14:00 |      | 8.58 | 120        | 7.8  |      |    |      |    |         |     |     |     |     | 12.3 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 9/11/2007  | 13:40 |      | 8.3  | 200        | 16.8 |      |    |      |    |         |     |     |     |     | 10   |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 8/7/2007   | 13:10 |      | 7.88 | 140        | 14.5 |      |    |      |    |         |     |     |     |     | 10.3 |    | 0.002 | 0.005 | 19 |    | 0.05 | 3.4 | 0.005 | 0.0002 |    | 0.002 | 9.9 | 0.005 |     |        | 0.9   | 0.02   |
| 7/17/2007  | 1:15  |      | 7.84 | 160        | 17.2 |      |    |      |    |         |     |     |     |     | 10.3 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 6/15/2007  | 13:00 |      | 8.05 | 80         | 13   |      |    |      |    |         |     |     |     |     | 10.2 |    |       |       | 11 |    | 2.0  |     |       |        |    |       |     |       |     |        | 0.65  | 0.01   |
| 5/15/2007  | 14:30 |      | 7.6  | 90         | 7.9  |      |    |      |    |         |     |     |     |     | 10.5 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 4/26/2007  | 14:30 |      | 8.2  | 110        | 9.3  |      |    |      |    |         |     |     |     |     | 11.7 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 3/12/2007  | 14:00 |      | 7.95 | 100        | 4    |      |    |      |    |         |     |     |     |     |      |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 2/21/2007  | 13:00 |      | 7.74 | 190        | 3    |      |    |      |    |         |     |     |     |     | 9.5  |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 1/19/2007  | 13:00 |      | 8    | 190        | 1    |      |    |      |    |         |     |     |     |     | 8.7  |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 12/18/2006 | 10:00 |      | 7.48 | 170        | 0.8  |      |    |      |    |         |     |     |     |     | 28.3 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 11/22/2006 | 10:00 |      | 7.81 | 140        | 1.8  |      |    |      |    |         |     |     |     |     | 12.2 |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 10/17/2006 | 10:00 |      | 8.49 | 112        | 8    |      |    |      |    |         |     |     |     |     | 3.9  |    |       |       | 22 |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 8/19/2006  | 11:40 |      | 8.4  | 150        | 8    |      |    |      |    |         |     |     |     |     | 4.1  |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |
| 8/10/2006  | 10:00 |      | 8.95 | 160        | 18   |      |    |      |    |         |     |     |     |     | 19.8 |    | 0.002 | 0.005 | 16 |    | 0.05 | 3.2 | 0.005 | 0.0002 |    | 0.002 | 9.7 | 0.005 |     |        | 0.61  | 0.01   |
| 7/21/2006  | 11:45 |      | 7.38 | 130        | 19.1 |      |    |      |    |         |     |     |     |     | 18   |    |       |       |    |    |      |     |       |        |    |       |     |       |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO   | Al    | As    | Cd    | Ca | Cu   | Pb   | Mg    | Mn     | Hg     | Mo    | Se    | Na    | Zn    | Oil | Grease | Fe-Tr | Fe-Die |      |
|------------|-------|------|----------|------------|------|------|------|------|----|---------|-----|-----|-----|------|------|-------|-------|-------|----|------|------|-------|--------|--------|-------|-------|-------|-------|-----|--------|-------|--------|------|
| 6/13/2006  | 10:20 | 8.2  |          | 80         | 8.5  | 44   | 7.09 | 91   | 1  | 0.05    | 7   | 8   | 58  | 0.12 | 11.7 |       |       |       | 11 |      |      | 1.8   |        |        |       |       | 3.7   |       |     | 0      | 0     | 0.36   | 0.01 |
| 5/28/2006  | 10:15 | 7.56 |          | 80         | 13.3 |      |      |      |    |         |     |     |     |      | 13.3 |       |       |       |    |      |      |       |        |        |       |       |       |       |     | 0      | 0     |        |      |
| 4/17/2006  | 14:10 | 7.85 |          | 130        | 6.9  |      |      |      |    |         |     |     |     |      | 13.9 |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 3/27/2006  | 14:20 | 8.55 |          | 190        | 8    |      |      |      |    |         |     |     |     |      | 5.7  |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 2/22/2006  | 14:30 | 8.39 |          | 200        | 1    |      |      |      |    |         |     |     |     |      | 11.5 |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 1/27/2006  | 9:00  | 9.14 |          | 350        | 3.5  |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 12/5/2005  | 1:15  | 8.43 |          | 220        | 10   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 11/7/2005  | 1:15  | 8.44 |          | 130        | 10.2 |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 10/17/2005 | 11:45 | 8.59 |          | 160        | 15.4 | 1100 | 7.84 | 210  | 3  | 0.04    | 11  | 7   | 120 | 0.01 |      |       |       | 26    |    |      | 3.8  |       |        |        |       | 23    |       |       | 0   | 0      | 0.24  | 0.01   |      |
| 9/22/2005  | 2:40  | 8.71 |          | 190        | 18.6 |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 8/30/2005  | 14:20 | 8.72 |          | 150        | 16   | 93   | 8.24 | 160  | 2  | 0.02    | 7   | 5   | 110 | 0.01 |      | 0.005 | 0.005 | 23    |    | 0.05 | 3.6  | 0.016 | 0.0002 |        | 0.002 | 12    | 0.005 | 0     | 0   | 0.28   | 0.02  |        |      |
| 8/5/2005   | 14:40 | 9.1  |          | 140        | 20   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 7/25/2005  | 14:30 | 8.3  |          | 130        | 18   |      |      |      |    |         |     |     |     |      |      |       |       |       | 16 |      | 2.8  |       |        |        |       | 5     |       |       | 0   | 0      | 1     | 0.02   |      |
| 6/15/2005  | 13:00 | 8.42 |          | 90         | 10   | 57   | 7.75 | 100  | 1  | 0.04    | 5   | 13  | 88  | 0.01 |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 5/8/2005   | 14:40 | 8.27 |          | 130        | 10   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 4/18/2005  | 10:40 | 8.01 |          | 120        | 5    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 3/29/2005  | 9:15  | 8.7  |          | 140        | 6    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 2/22/2005  | 11:00 | 8.1  |          | 210        | 4    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 1/19/2005  | 10:40 | 8.57 |          | 150        | 1    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 12/13/2004 | 11:20 | 8.25 |          | 180        | 3    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 11/15/2004 | 10:45 | 8.1  |          | 180        | 5    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 10/8/2004  | 14:15 | 8.55 |          | 180        | 13   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 9/27/2004  | 11:30 | 8.8  |          | 150        | 10   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 8/23/2004  | 11:15 | 8.39 |          | 200        | 14   | 130  | 8.26 | 210  | 2  | 0.02    | 6   | 25  | 120 | 0.01 |      | 0.002 | 0.005 | 29    |    | 0.05 | 5.1  | 0.005 | 0.0002 |        | 0.002 | 10    | 0.005 | 0     | 0   | 0.48   | 0.04  |        |      |
| 7/23/2004  | 11:00 | 8.6  |          | 180        | 15   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 6/22/2004  | 14:00 | 8.38 |          | 80         | 16   | 52   | 8.03 | 110  | 1  | 0.05    | 8   | 6   | 62  | 0.01 |      |       |       | 14    |    |      | 2.3  |       |        |        |       | 5.2   |       |       | 0   | 0      | 0.2   | 0.1    |      |
| 5/20/2004  | 10:20 | 8.76 |          | 80         | 10   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 4/14/2004  | 14:40 | 8.5  |          | 130        | 12   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 3/12/2004  | 13:50 | 8.98 |          | 160        | 8    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 2/28/2004  | 14:15 | 8.54 |          | 180        | 4    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 1/27/2004  | 23:30 | 8.5  |          | 320        | 1    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 12/5/2003  | 10:40 | 8    |          | 300        | 2    |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 11/11/2003 | 9:15  | 5.6  |          | 130        | 5    | 95   | 7.94 | 180  | 3  | 0.02    | 12  | 5   | 120 | 0.01 |      |       |       | 23    |    |      | 5.3  |       |        |        |       | 16    |       |       | 0   | 0      | 0.28  | 0.02   |      |
| 10/13/2003 | 14:30 | 7.84 |          | 180        | 12   |      |      |      |    |         |     |     |     |      |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |
| 9/17/2003  | 13:30 | 9.43 |          | 170        | 15   |      |      |      |    |         |     |     |     |      |      |       |       | 0.005 | 29 |      | 0.05 | 9.1   | 0.005  | 0.0002 |       | 0.002 | 19    | 0.005 | 0   | 0      | 0.77  | 0.03   |      |
| 8/26/2003  | 10:20 | 8.99 |          | 200        | 18   | 120  | 8.45 | 210  | 2  | 0.02    | 8   | 15  | 140 | 0.01 |      |       |       |       |    |      |      |       |        |        |       |       |       |       | 0   | 0      |       |        |      |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: NF-3

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | CI | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO   | Al   | As    | Cd    | Ca   | Cu    | Pb   | Mg  | Mn    | Hg     | Mo   | Se    | Na   | Zn    | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|------|------|------|-------|-------|------|-------|------|-----|-------|--------|------|-------|------|-------|-----|--------|-------|--------|
| 7/29/2003  | 12:40 |      | 9.5      | 150        | 18  |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 8/17/2003  | 10:30 |      | 8.74     | 70         | 13  | 44   | 7.97 | 85   | 1  | 0.11    | 6   | 10  | 67  | 0.01 |      |      |       |       | 11   |       |      |     | 1.8   |        |      |       | 4.7  |       | 0   | 0      | 0.4   | 0.04   |
| 5/13/2003  | 12:00 |      | 8.56     | 100        | 9   |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 4/10/2003  | 15:00 |      | 9.02     | 160        | 12  |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 3/27/2003  | 8:00  |      | 9.03     | 150        | 5   |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 2/20/2003  | 15:00 |      | 8.59     | 250        | 3   |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 1/15/2003  | 8:00  |      | 8.6      | 300        | 1   |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 12/10/2002 |       |      | 8.85     | 300        | 2   |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 11/11/2002 |       |      | 8.01     | 200        | 1   |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 10/24/2002 |       |      | 7.95     | 200        | 6   | 98   | 7.96 | 210  | 3  | 0.02    | 11  | 5   | 120 | 0.01 |      |      |       |       | 16   |       |      | 3.4 |       |        |      |       |      |       |     |        | 0.1   |        |
| 9/8/2002   |       |      | 9.1      | 200        | 16  |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 7/20/2002  |       |      | 8.1      | 200        | 22  |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 6/27/2002  |       |      | 8.2      | 100        | 15  |      |      |      |    |         |     |     |     |      |      |      |       |       |      |       |      |     |       |        |      |       |      |       |     |        |       |        |
| 12/19/2001 | 12:50 |      | 8.5      | 320        | 4   | 90   | 8.48 | 150  | 1  | 0.03    | 5   | 5   | 110 | 0.01 | 8.3  | 0.5  | 0.002 | 0.005 | 39   | 0.006 | 0.05 | 4.1 | 0.018 | 0.0002 | 0.05 | 0.008 | 11   | 0.007 | 0   | 0      | 0.35  |        |
| 9/28/2001  | 10:20 |      | 7.9      | 200        | 15  | 84   | 8.56 | 180  | 3  | 0.06    | 16  | 11  | 120 | 0.02 | 8.7  | 0.32 | 0.002 | 0.005 | 22   | 0.005 | 0.05 | 5.6 | 0.013 | 0.0002 | 0.05 | 0.002 | 13   | 0.005 | 0   | 0      | 0.16  |        |
| 6/29/2001  | 9:20  |      | 8.3      | 100        | 13  | 194  | 8.82 | 378  | 9  | 0.02    | 17  | 9   | 239 | 0.01 | 8.7  | 0.43 | 0.002 | 0.005 | 18.3 | 0.005 | 0.05 | 2.9 | 0.015 | 0.0002 | 0.05 | 0.002 | 52.8 | 0.015 | 0   | 0      | 0.44  |        |
| 3/20/2001  | 11:30 |      | 8.2      | 300        | 5   | 130  | 8.10 | 230  | 5  | 0.1     | 18  | 6   | 140 | 0.01 | 9.8  | 0.39 | 0.002 | 0.005 | 25.7 | 0.006 | 0.05 | 4.2 | 0.005 | 0.0002 | 0.05 | 0.002 | 15   | 0.005 | 0   | 0      | 0.12  |        |
| 12/28/2000 | 8:30  | 195  | 7.9      | 200        | 8   | 54   | 8.20 | 104  | 2  | 0.02    | 6   | 5   | 67  | 0.01 | 9.3  | 0.15 | 0.002 | 0.005 | 10.9 | 0.005 | 0.05 | 1.2 | 0.008 | 0.0002 | 0.05 | 0.002 | 10.4 | 0.007 | 0   | 0      | 0.13  |        |
| 9/28/2000  | 15:20 | 92   | 8        | 160        | 18  | 110  | 8.37 | 249  | 11 | 0.03    | 16  | 8   | 140 | 0.01 | 12.1 | 0.26 | 0.002 | 0.005 | 19.3 | 0.007 | 0.05 | 3.7 | 0.011 | 0.0002 | 0.05 | 0.002 | 25.2 | 0.01  | 0   | 0      | 0.27  |        |
| 6/29/2000  | 13:30 | 171  | 8        | 100        | 15  | 88   | 8.21 | 172  | 1  | 0.02    | 10  | 15  | 120 | 0.01 | 8.5  | 0.19 | 0.012 | 0.005 | 21.8 | 0.005 | 0.05 | 3.9 | 0.02  | 0.0002 | 0.05 | 0.002 | 12   | 0.012 | 0   | 0      | 0.22  |        |
| 12/15/1999 | 10:30 | 128  | 7.7      | 180        | 7   | 61   | 8.09 | 122  | 1  | 0.08    | 6   | 5   | 84  | 0.01 | 7.9  | 0.07 | 0.002 | 0.005 | 12.9 | 0.005 | 0.05 | 0.5 | 0.007 | 0.0002 | 0.05 | 0.002 | 8    | 0.021 | 0   | 0      | 0.09  |        |
| 9/23/1999  | 8:35  | 237  | 7.5      | 300        | 4   | 107  | 7.88 | 192  | 2  | 0.07    | 9   | 17  | 116 | 0.01 | 9.8  | 0.95 | 0.002 | 0.005 | 22.7 | 0.034 | 0.05 | 3.2 | 0.029 | 0.0002 | 0.05 | 0.002 | 10.9 | 0.028 | 0   | 0      | 0.86  |        |
| 8/30/1999  | 12:20 | 216  | 7.6      | 120        | 15  | 88   | 7.63 | 223  | 2  | 0.17    | 16  | 16  | 115 | 0.01 | 8.9  | 0.17 | 0.008 | 0.005 | 23.2 | 0.005 | 0.05 | 4.6 | 0.008 | 0.0004 | 0.05 | 0.002 | 15.6 | 0.005 | 0   | 0      | 0.1   |        |
| 7/27/1999  | 14:10 | 200  | 7.2      | 100        | 16  | 104  | 7.72 | 488  | 1  | 0.08    | 7   | 27  | 183 | 0.01 | 9    | 0.6  | 0.002 | 0.005 | 27.2 | 0.005 | 0.05 | 4.7 | 0.031 | 0.0002 | 0.05 | 0.002 | 8.5  | 0.011 | 0   | 0      | 0.53  |        |
| 6/28/1999  | 13:59 | 637  | 7.2      | 100        | 14  | 142  | 8.20 | 283  | 14 | 0.06    | 7   | 10  | 246 | 0.01 | 8.7  | 0.52 | 0.014 | 0.005 | 17.2 | 0.005 | 0.05 | 2.3 | 0.011 | 0.0002 | 0.05 | 0.017 | 70.1 | 0.005 | 0   | 0      | 0.31  |        |
|            |       |      |          |            |     | 79   | 7.88 | 145  | 1  | 0.03    | 8   | 124 | 91  | 0.01 | 8.3  | 2.11 | 0.002 | 0.005 | 16.2 | 0.007 | 0.02 | 3.2 | 0.047 | 0.0002 | 0.05 | 0.002 | 7.1  | 0.093 | 0   | 0      | 2.56  |        |
|            |       |      |          |            |     | 46   | 7.61 | 86   | 3  | 0.03    | 7   | 10  | 57  | 0.01 | 8.1  | 0.2  | 0.003 | 0.005 | 6    | 0.005 | 0.05 | 0.9 | 0.009 | 0.0002 | 0.05 | 0.002 | 5.4  | 0.009 | 0   | 0      | 0.33  |        |

# MONITORING DATA FOR 2024 AHR

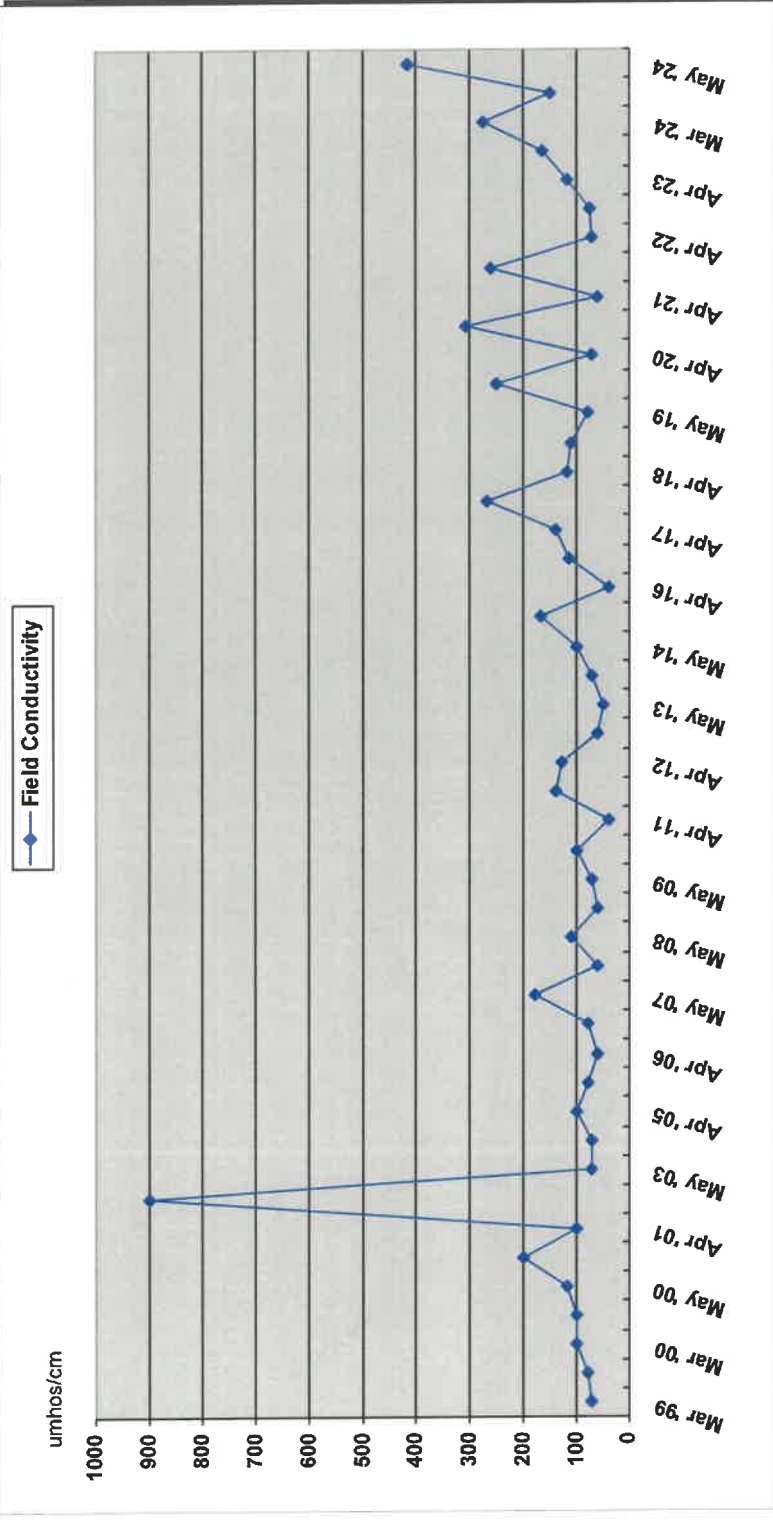
SURFACE WATER LOCATION: NF-3

| Date      | Time  | Hardness  | Ammonia | Cyanide | Silver | Boron | Chromium(Trivalent) | Chromium(Hexavalent) | Chlorine | Nickel | Alkalinity(Carbonate) | Chromium(Total) | Antimony |
|-----------|-------|-----------|---------|---------|--------|-------|---------------------|----------------------|----------|--------|-----------------------|-----------------|----------|
| 7/22/2024 | 14:15 | 91.96     | 0.056   | 0.02    | 0.05   | 0.3   | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/17/2023 | 12:00 | 87.1855   | 0.074   | 0.02    | 0.05   | 0.33  | 0.01                | 0.05                 | 0.05     | 0.02   | 53.3                  |                 |          |
| 7/18/2022 | 14:15 | 102.06784 | 0.084   | 0.02    | 0.05   | 0.39  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/26/2021 | 14:05 | 116.48542 | 0.045   | 0.02    | 0.05   | 0.43  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/13/2020 | 15:15 | 104.48578 | 0.049   | 0.02    | 0.05   | 0.49  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/10/2019 | 12:45 | 87.11888  | 0.053   | 0.02    | 0.05   | 0.55  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/11/2018 | 13:47 | 81.78503  | 0.008   | 0.02    | 0.05   | 0.68  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/18/2017 | 12:15 | 82.06123  | 0.01    | 0.02    | 0.05   | 0.77  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/25/2016 | 11:05 | 82.24     | 0.064   | 0.02    | 0.05   | 0.78  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 7/21/2015 | 14:20 | 90.06     | 0.013   | 0.02    | 0.05   | 0.92  | 0.01                | 0.05                 | 0.05     | 0.02   | 51.05                 |                 |          |
| 9/10/2014 | 10:20 | 111.8     | 0.027   | 0.02    | 0.005  | 0.73  | 0.005               | 0.01                 | 0.05     | 0.01   |                       |                 |          |
| 8/2/2012  | 11:25 | 135.82    | 0.021   | 0.02    | 0.05   | 0.89  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 |          |
| 12/5/2011 | 15:00 | 75.23722  | 0.11    | 0.01    | 0.005  | 2     | 0.005               | 0.01                 | 0.008    | 0.005  |                       |                 |          |
| 8/15/2011 | 12:15 | 76.85896  | 0.13    | 0.01    | 0.005  | 2.2   | 0.005               | 0.01                 | 0.008    | 0.005  |                       |                 |          |
| 8/5/2010  | 12:50 | 44.08672  | 0.025   | 0.02    | 0.05   | 1.14  | 0.01                | 0.05                 | 0.05     | 0.02   |                       |                 | 52.7     |
| 8/5/2009  | 10:45 | 70        | 0.22    | 0.005   | 0.005  | 0.03  | 0.005               | 0.005                | 0.1      | 0.01   |                       | 0.005           |          |
| 8/5/2008  | 12:35 | 60        |         | 0.005   | 0.005  | 0.02  | 0.005               | 0.005                | 0.1      | 0.01   |                       |                 |          |
| 8/7/2007  | 13:10 | 62        | 0.1     | 0.005   | 0.005  | 0.02  | 0.005               | 0.005                | 0.1      | 0.01   |                       |                 |          |
| 8/10/2006 | 10:00 | 60        |         | 0.005   | 0.005  | 0.04  | 0.005               | 0.005                |          | 0.01   |                       | 0.005           |          |
| 8/30/2005 | 14:20 | 64        | 0.05    | 0.005   | 0.005  | 0.14  |                     | 0.005                |          | 0.01   |                       |                 |          |
| 8/23/2004 | 11:15 | 84        | 0.05    | 0.005   | 0.005  | 0.07  | 0.005               | 0.005                | 0.1      | 0.01   |                       |                 |          |
| 8/29/2003 | 10:20 | 84        | 0.05    |         | 0.005  | 0.34  | 0.005               | 0.005                |          | 0.01   |                       | 0.005           | 0.002    |

**HIN-1 LOWER HAWK'S NEST CREEK**

# MONITORING CHART FOR 2024 AHR

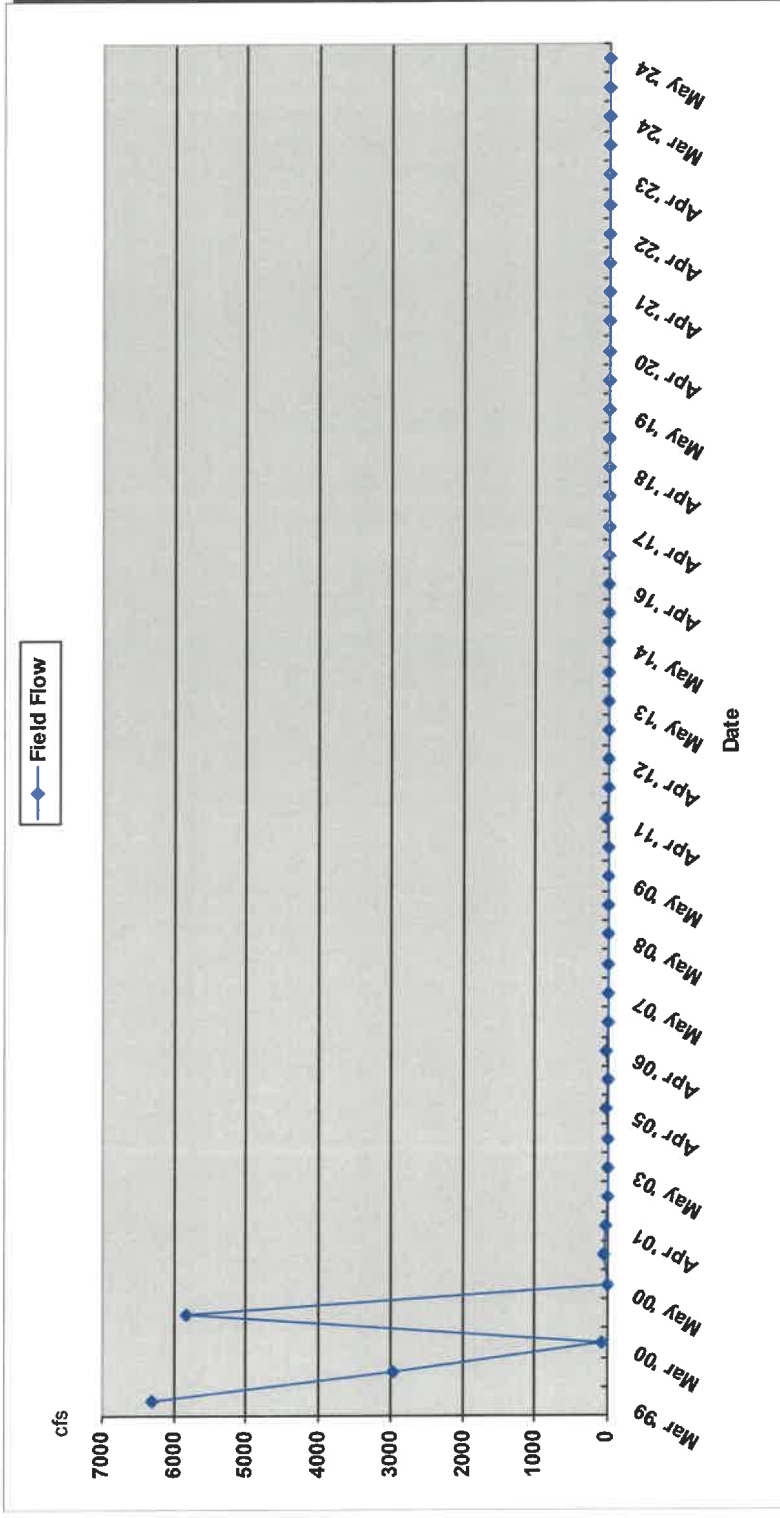
SURFACE WATER LOCATION: HN-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

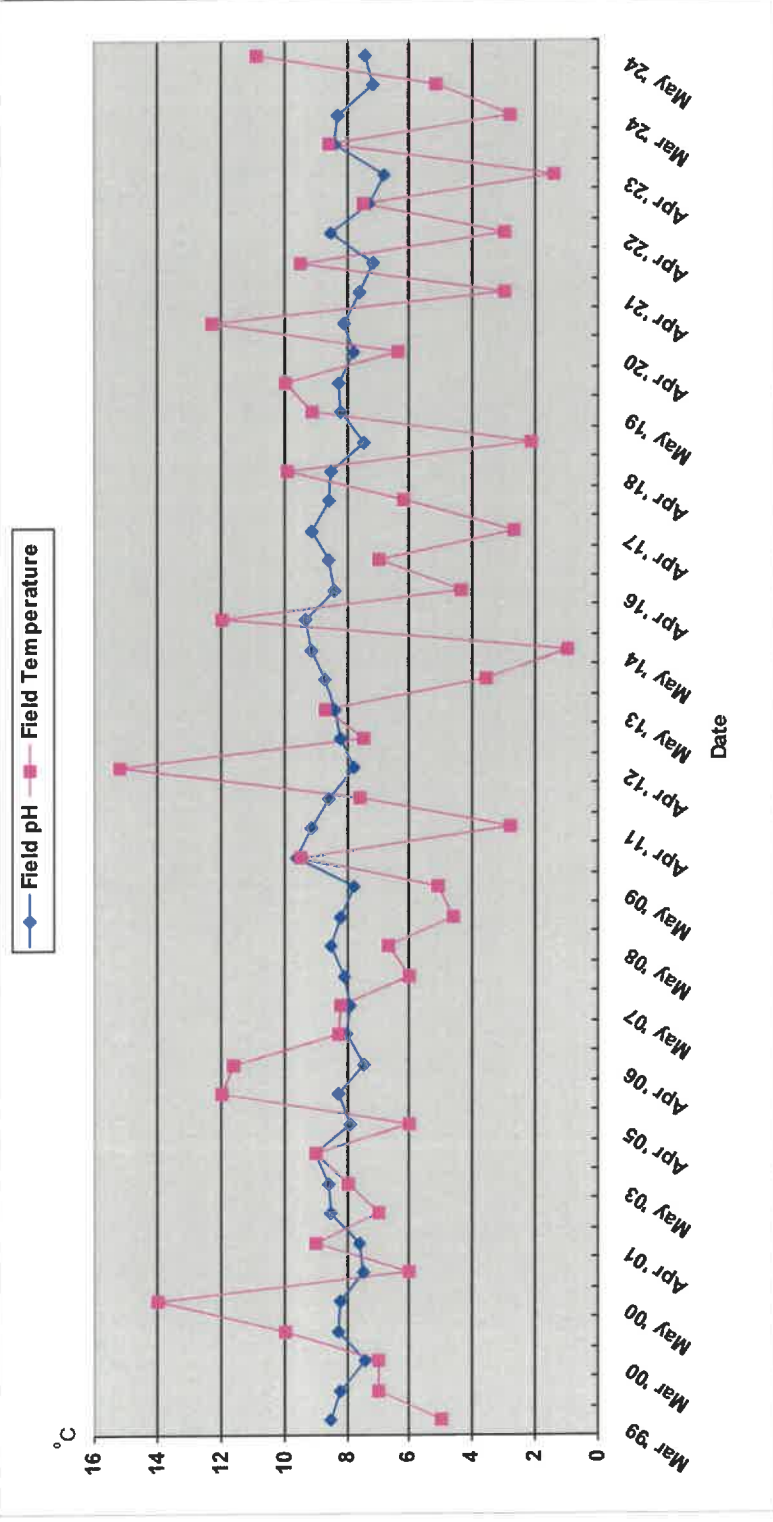
# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: HN-1



# MONITORING CHART FOR 2024 AHR

SURFACE WATER LOCATION: HN-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: HN-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | PO4 | DO   | Al   | As | Cd | Ca   | Cu | Pb | Mg  | Mn | Hg | Mo | Se   | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dis |  |
|------------|-------|------|----------|------------|------|-------|------|------|-------|---------|-------|-----|-----|------|------|----|----|------|----|----|-----|----|----|----|------|------|----|-----|--------|-------|--------|--|
| 10/29/2024 |       | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 9/11/2024  | 15:10 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 8/19/2024  | 15:30 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 7/22/2024  | 13:15 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 6/10/2024  | 14:25 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 5/31/2024  | 11:00 | 0.8  | 7.4      | 415        | 10.9 |       |      |      |       |         |       |     |     | 13.8 |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 4/28/2024  | 10:30 | 3.8  | 7.2      | 152        | 5.2  |       |      |      |       |         |       |     |     | 11.6 |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 3/27/2024  | 11:45 | 0.08 | 8.3      | 275        | 2.8  |       |      |      |       |         |       |     |     | 12.9 |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 10/23/2023 | 12:00 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 9/27/2023  | 12:00 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 8/24/2023  | 12:10 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 7/17/2023  | 11:35 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 6/22/2023  | 14:00 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 5/22/2023  | 11:15 | 4.2  | 8.4      | 166        | 8.6  | 37.5  | 7.68 | 72   | 5     | 0.3     | 18.52 | 30  | 92  | 0.08 | 9    |    |    | 13.6 |    |    | 4.0 |    |    |    |      | 27.2 |    | 0   |        | 0.088 | 0.012  |  |
| 4/21/2023  | 12:30 | 4.8  | 6.8      | 118        | 1.4  |       |      |      |       |         |       |     |     | 11.2 |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 10/12/2022 | 14:30 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 9/8/2022   | 14:30 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 8/12/2022  | 12:00 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 7/18/2022  | 12:00 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 6/7/2022   | 10:00 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 5/9/2022   | 12:20 | 2.2  | 7.3      | 76         | 7.5  | 64    | 8.25 | 288  | 5     | 0.31    | 22.23 | 20  | 276 | 0.08 | 10.1 |    |    | 12.8 |    |    | 3.3 |    |    |    | 28.7 |      | 0  |     | 0.075  | 0.014 |        |  |
| 4/26/2022  | 10:05 | 3.8  | 8.5      | 73         | 3    |       |      |      |       |         |       |     |     | 13.8 |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 10/21/2021 | 13:45 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 9/20/2021  | 13:45 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 8/12/2021  | 13:45 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 7/26/2021  | 13:25 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 6/11/2021  | 13:47 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 5/18/2021  | 12:00 | 0.1  | 7.2      | 260        | 8.5  | 49.68 | 7.85 | 220  | 10    | 0.3     | 43.99 | 18  | 180 | 0.08 | 7.9  |    |    | 13.8 |    |    | 4.5 |    |    |    | 28.8 |      | 0  |     | 0.096  | 0.016 |        |  |
| 4/12/2021  | 11:45 | 3.3  | 7.6      | 80         | 3    |       |      |      |       |         |       |     |     | 12   |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 10/8/2020  | 12:40 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 9/15/2020  | 11:20 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 8/12/2020  | 13:20 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 7/13/2020  | 14:20 | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 6/2/2020   | 9:05  | 0    |          |            |      |       |      |      |       |         |       |     |     |      |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |
| 5/18/2020  | 12:30 | 0.02 | 8.1      | 310        | 12.3 | 45.18 | 7.57 | 149  | 28.36 | 0.3     | 22.23 | 16  | 142 | 0.08 | 5.6  |    |    | 13.3 |    |    | 3.9 |    |    |    | 28.4 |      | 0  |     | 0.089  | 0.017 |        |  |
| 4/27/2020  | 10:50 | 2.7  | 7.8      | 70         | 6.4  |       |      |      |       |         |       |     |     | 12.4 |      |    |    |      |    |    |     |    |    |    |      |      |    | 0   |        |       |        |  |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: HN-1

| Date       | Time  | Flow | pH  | Field Cond | Tem | HCO3  | pH   | Cond | Cl    | NO3/NO2 | SO4   | TSS | PO4 | DO   | Al   | As | Cd   | Cu | Pb | Mg  | Mn | Hg | Mo | Se   | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|-----|------------|-----|-------|------|------|-------|---------|-------|-----|-----|------|------|----|------|----|----|-----|----|----|----|------|------|----|-----|--------|-------|--------|
| 10/17/2019 | 12:00 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 8/18/2018  | 13:20 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 8/20/2019  | 8:50  | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 7/10/2019  | 12:30 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 6/7/2019   | 10:45 | 0.22 | 8.3 | 250        | 10  |       |      |      |       |         |       |     |     | 11.2 |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 5/13/2019  | 13:05 | 6.3  | 8.2 | 80         | 9.1 | 27.78 | 7.63 | 59   | 43.48 | 0.3     | 18.52 | 24  | 392 | 0.08 | 9.5  |    | 19.5 |    |    | 6.8 |    |    |    |      | 26.1 |    |     |        | 0.094 | 0.016  |
| 4/12/2019  | 10:50 | 2.2  | 7.5 | 110        | 2.1 |       |      |      |       |         |       |     |     | 14   |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 10/17/2018 | 12:00 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 9/14/2018  | 13:58 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 8/27/2018  | 11:00 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 7/11/2018  | 14:15 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 6/22/2018  | 8:15  | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 5/14/2018  | 10:20 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 4/24/2018  | 13:05 | 1.7  | 8.5 | 120        | 9.9 |       |      |      |       |         |       |     |     | 11.3 |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 10/19/2017 | 11:21 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 8/11/2017  | 9:00  | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 8/8/2017   | 11:10 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 7/18/2017  | 11:55 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 6/6/2017   | 11:40 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 5/17/2017  | 10:45 | 0.3  | 8.8 | 270        | 6.2 | 54.71 | 7.36 | 280  | 39.8  | 0.3     | 4.94  | 18  | 254 | 0.08 | 12.2 |    | 14.1 |    |    | 4.4 |    |    |    | 30.1 |      |    |     |        | 0.108 | 0.019  |
| 4/29/2017  | 8:20  | 1.7  | 9.1 | 140        | 2.7 |       |      |      |       |         |       |     |     | 13.6 |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 10/28/2016 | 10:15 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 9/22/2016  | 10:45 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 8/25/2016  | 10:55 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 7/25/2016  | 10:35 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 6/9/2016   | 10:15 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 5/23/2016  | 8:40  | 0.4  | 8.6 | 115        | 7   | 68.71 | 7.71 | 151  | 9.76  | 0.3     | 11.83 | 66  | 134 | 0.08 | 9.9  |    | 14.1 |    |    | 4.5 |    |    |    | 25.4 |      |    |     |        | 0.12  | 0.02   |
| 4/28/2016  | 10:00 | 2.5  | 8.4 | 40         | 4.4 |       |      |      |       |         |       |     |     | 14.2 |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 10/21/2015 | 9:15  | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 10/13/2015 | 11:00 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 9/18/2015  | 12:00 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 8/4/2015   | 1:00  | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 7/21/2015  | 12:00 | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 6/17/2015  | 8:00  | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |
| 5/4/2015   | 1:30  | 0.75 | 9.3 | 170        | 12  | 60.19 | 6.81 | 122  | 4.84  | 0.3     | 5.19  | 16  | 103 | 0.08 | 9.7  |    | 14.4 |    |    |     |    |    |    | 29.2 |      |    |     |        | 0.12  | 0.02   |
| 4/14/2015  | 9:30  | 0    |     |            |     |       |      |      |       |         |       |     |     |      |      |    |      |    |    |     |    |    |    |      |      |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: HW-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem  | HCO3  | pH   | Cond  | Cl   | NO3/NO2 | SO4   | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca   | Cu | Pb | Mg   | Mn | Hg | Mo | Se   | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dls |
|------------|-------|------|----------|------------|------|-------|------|-------|------|---------|-------|-----|-----|------|------|----|----|----|------|----|----|------|----|----|----|------|----|----|-----|--------|-------|--------|
| 10/31/2014 |       | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 9/10/2014  | 10:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 8/25/2014  | 13:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 7/8/2014   | 8:45  | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 6/11/2014  | 11:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 5/19/2014  | 13:00 | 0.75 | 9.1      | 100        | 1    |       |      |       |      |         |       |     |     |      | 9.1  |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 4/8/2014   | 10:15 | 1    | 8.7      | 70         | 3.6  | 54.08 | 6.79 | 107   | 8.53 | 0.3     | 15.64 | 54  | 94  | 0.08 | 9.8  |    |    |    | 24   |    |    | 21.0 |    |    |    | 8.47 |    |    |     |        | 1.6   | 0.02   |
| 10/18/2013 | 10:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 9/9/2013   | 10:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 8/16/2013  | 10:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 7/18/2013  | 13:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 6/5/2013   | 13:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 5/6/2013   | 12:00 | 0.75 | 8.4      | 50         | 8.7  | 49.62 | 7.51 | 190   | 4.56 | 0.3     | 8.23  | 88  | 102 | 0.08 | 9.7  |    |    |    | 12.4 |    |    | 6.4  |    |    |    |      | 29 |    |     |        | 1.28  | 0.44   |
| 4/22/2013  | 12:50 | 1    | 8.2      | 60         | 7.5  |       |      |       |      |         |       |     |     |      | 16.2 |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 10/10/2012 | 12:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 9/6/2012   | 13:30 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 8/2/2012   | 12:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 7/30/2012  | 12:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 6/13/2012  | 10:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 6/8/2012   | 11:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 5/6/2012   | 12:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 4/23/2012  | 13:20 | 0.73 | 7.8      | 130        | 15.2 |       |      |       |      |         |       |     |     |      | 16.6 |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 10/7/2011  | 14:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 9/6/2011   | 13:30 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 8/15/2011  | 13:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 7/26/2011  | 13:30 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 6/14/2011  | 13:20 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 5/23/2011  | 2:45  | 2.04 | 8.6      | 140        | 7.6  |       |      |       |      |         |       |     |     |      | 15.8 |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 4/19/2011  | 11:00 | 22.4 | 9.1      | 40         | 2.8  | 43.2  | 7.01 | 70    | 22.4 | 1.03    | 45.28 | 60  | 120 | 0.08 | 8.2  |    |    |    | 2.82 |    |    | 2.6  |    |    |    | 13.3 |    |    |     |        | 2.01  | 1.04   |
| 10/27/2010 | 12:45 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 9/6/2010   | 1:15  | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 8/5/2010   | 12:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 7/15/2010  | 1:00  | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 6/4/2010   | 12:00 | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |
| 5/18/2010  | 10:45 | 1.1  | 9.6      | 100        | 9.5  | 54.37 | 7.65 | 138.7 | 21.8 | 1.16    | 16.11 | 15  | 118 | 0    | 8.2  |    |    |    | 10.5 |    |    | 4.0  |    |    |    | 7.58 |    |    |     | 0      | 0.28  | 0.21   |
| 10/12/2009 | 2:00  | 0    |          |            |      |       |      |       |      |         |       |     |     |      |      |    |    |    |      |    |    |      |    |    |    |      |    |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: HN-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem  | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO   | Al | As | Cd | Ca  | Cu | Pb | Mg  | Mn | Hg | Mo | Se | Na  | Zn | Oil | Grease | Fe-Tr | Fe-Dic |
|------------|-------|-------|----------|------------|------|------|------|------|----|---------|-----|-----|-----|------|------|----|----|----|-----|----|----|-----|----|----|----|----|-----|----|-----|--------|-------|--------|
| 8/25/2009  | 1:30  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 8/5/2009   | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 7/17/2009  | 12:45 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 6/22/2009  | 9:30  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 5/6/2009   | 9:30  | 6.13  | 7.8      | 70         | 5.1  | 47   | 7.75 | 75   | 1  | 0.08    | 5   | 5   | 74  | 0.02 | 16   |    |    |    | 9.1 |    |    | 3.3 |    |    |    |    | 4.3 |    | 0   | 0      | 1.4   | 0.09   |
| 4/29/2009  | 10:30 | 6.13  | 8.2      | 60         | 4.6  |      |      |      |    |         |     |     |     |      | 16.9 |    |    |    |     |    |    |     |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/15/2008 | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 9/11/2008  | 12:15 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 8/5/2008   | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 7/29/2008  | 9:00  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 6/18/2008  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 5/23/2008  | 10:45 | 1.47  | 8.5      | 110        | 6.7  |      |      |      |    |         |     |     |     |      | 7.7  |    |    |    |     |    |    |     |    |    |    |    |     | 0  | 0   |        |       |        |
| 4/18/2008  | 13:30 | 6.23  | 8.1      | 60         | 6    |      |      |      |    |         |     |     |     |      | 12.8 |    |    |    |     |    |    |     |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/24/2007 | 13:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 9/11/2007  | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 8/7/2007   | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 7/17/2007  | 12:45 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 6/15/2007  | 12:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 5/15/2007  | 11:10 | 3     | 7.88     | 180        | 8.2  |      |      |      |    |         |     |     |     |      | 10.5 |    |    |    |     |    |    |     |    |    |    |    |     | 0  | 0   |        |       |        |
| 4/26/2007  | 14:50 | 2.9   | 8.05     | 80         | 8.3  |      |      |      |    |         |     |     |     |      | 11.4 |    |    |    |     |    |    |     |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/17/2006 | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 9/27/2006  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 8/10/2006  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 7/21/2006  | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 6/6/2006   | 10:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 5/26/2006  | 9:50  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 4/17/2006  | 14:40 | 14.42 | 7.5      | 60         | 11.6 |      |      |      |    |         |     |     |     |      | 13.8 |    |    |    |     |    |    |     |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/17/2005 | 11:30 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 9/22/2005  | 1:00  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 8/30/2005  | 12:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 8/5/2005   | 8:15  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 7/25/2005  | 2:00  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 6/15/2005  | 9:50  | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |
| 5/9/2005   | 1:10  | 5.7   | 8.28     | 80         | 12   |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     | 0  | 0   |        |       |        |
| 4/18/2005  | 10:20 | 27.1  | 7.9      | 100        | 6    |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     | 0  | 0   |        |       |        |
| 10/8/2004  | 14:00 | 0     |          |            |      |      |      |      |    |         |     |     |     |      |      |    |    |    |     |    |    |     |    |    |    |    |     |    | 0   | 0      |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: HN-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO   | Al    | As    | Cd   | Ca    | Cu   | Pb  | Mg    | Mn     | Hg   | Mo    | Se  | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|------|------|-------|-------|------|-------|------|-----|-------|--------|------|-------|-----|------|----|-----|--------|-------|--------|
| 8/27/2004  | 8:30  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 8/23/2004  | 11:00 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 7/23/2004  | 11:20 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 6/22/2004  | 10:00 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 5/20/2004  | 10:00 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 4/14/2004  | 14:10 | 2.1  | 9.03     | 70         | 9   |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 10/13/2003 | 14:00 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 9/17/2003  | 14:00 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 8/26/2003  | 8:50  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 7/28/2003  | 12:05 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 6/17/2003  | 14:00 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 5/13/2003  | 12:30 | 3.6  | 8.6      | 70         | 8   |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 4/10/2003  | 14:10 | 4    | 8.52     | 900        | 7   |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 9/6/2002   |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 7/20/2002  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 6/25/2002  |       | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 12/29/2001 | 11:15 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 11/27/2001 | 11:10 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 10/30/2001 | 12:40 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 9/28/2001  | 11:25 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 8/28/2001  | 12:10 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 7/23/2001  | 11:20 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 6/28/2001  | 12:35 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 5/30/2001  | 13:00 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 4/26/2001  | 11:25 | 25.8 | 7.6      | 100        | 9   |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 3/30/2001  | 8:30  | 64.2 | 7.5      | 200        | 6   | 62   | 7.78 | 121  | 2  | 0.02    | 11  | 5   | 250 | 0.03 | 8.12 | 0.002 | 0.005 | 13.6 | 0.009 | 0.05 | 6.6 | 0.061 | 0.0002 | 0.05 | 0.002 | 7.1 | 0.04 |    |     | 7.1    |       |        |
| 2/27/2001  | 11:55 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 1/25/2001  | 11:45 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 12/28/2000 | 14:39 | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 11/22/2000 | 8:41  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 10/20/2000 | 8:10  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 9/28/2000  | 8:45  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 8/24/2000  | 7:37  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 7/25/2000  | 2:40  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 6/18/2000  | 9:36  | 0    |          |            |     |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |
| 5/17/2000  | 15:40 | 10   | 8.2      | 120        | 14  |      |      |      |    |         |     |     |     |      |      |       |       |      |       |      |     |       |        |      |       |     |      |    |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: HN-1

| Date       | Time  | Flow  | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | PO4 | DO   | Al   | As     | Cd     | Ca   | Cu     | Pb    | Mg  | Mn    | Hg      | Mo     | Se    | Na   | Zn    | Oil | Grease | Fe-Tr | Fe-Dis |
|------------|-------|-------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|------|------|--------|--------|------|--------|-------|-----|-------|---------|--------|-------|------|-------|-----|--------|-------|--------|
| 4/25/2000  | 8:40  | 5841  | 8.3      | 100        | 10  |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 3/28/2000  | 11:15 | 78.25 | 7.4      | 100        | 7   | 43   | 7.55 | 109  | 1  | 0.03    | 10  | 5   | 101 | 0.04 | 2.17 | 0.002  | 0.005  | 10.6 | 0.046  | 0.05  | 3.0 | 0.015 | 0.0002  | 0.05   | 0.002 | 8.9  | 0.023 |     |        |       | 1.62   |
| 2/28/2000  | 8:40  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 1/25/2000  | 9:20  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 12/22/1999 | 8:10  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 11/24/1999 | 10:19 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 10/28/1999 | 10:15 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 9/23/1999  | 8:41  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 8/17/1999  | 9:52  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 7/28/1999  | 9:21  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 6/29/1999  | 12:05 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 5/25/1999  | 9:10  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 4/21/1999  | 12:31 | 2959  | 8.2      | 80         | 7   |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 3/30/1999  | 13:20 | 6321  | 8.5      | 70         | 5   | 40   | 6.88 | 67   | 1  | 0.05    | 10  | 5   | 89  | 0.03 | 2.74 | 0.002  | 0.005  | 7.51 | 0.01   | 0.1   | 2.7 | 0.021 | 0.0005  | 0.05   | 0.002 | 5.53 | 0.033 |     |        |       | 2.39   |
| 2/10/1999  | 10:15 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 1/29/1999  | 8:19  | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 9/11/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 8/21/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 7/29/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 6/23/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 5/22/1997  |       | 992   | 8.2      | 400        | 8   |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 4/7/1997   |       | 1394  | 8.3      | 400        | 5   |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 3/11/1997  |       | 877   | 8.7      | 520        | 6   |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 3/11/1997  |       |       |          |            |     |      | 7.56 | 179  | 2  | -0.02   | 18  | -5  | 140 | 0.02 | 0.41 | -0.002 | -0.005 | 16.4 | -0.005 | -0.05 | 5.4 | 0.005 | -0.0002 | -0.002 | 14.2  |      |       |     |        |       | 0.34   |
| 2/27/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 1/10/1997  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 12/13/1996 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 11/26/1996 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 10/6/1996  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 9/5/1996   |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 8/2/1996   |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 7/16/1996  |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 6/5/1996   |       | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 5/9/1996   |       | 524   | 8.8      | 90         | 11  |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 4/8/1996   |       | 5340  | 8.6      | 60         | 8   |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |
| 3/4/1996   | 10:27 | 0     |          |            |     |      |      |      |    |         |     |     |     |      |      |        |        |      |        |       |     |       |         |        |       |      |       |     |        |       |        |

# MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: HN-1

| Date       | Time  | Flow | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl  | NO3/NO2 | SO4 | TSS | TDS | PO4  | DO | Al   | As     | Cd     | Ca   | Cu     | Pb    | Mg  | Mn    | Hg      | Mo | Se    | Na   | Zn | Oil | Grease | Fe-Tr | Fe-Dls |  |
|------------|-------|------|----------|------------|-----|------|------|------|-----|---------|-----|-----|-----|------|----|------|--------|--------|------|--------|-------|-----|-------|---------|----|-------|------|----|-----|--------|-------|--------|--|
| 2/5/1996   | 12:32 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 1/4/1998   | 9:38  | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 12/5/1995  | 11:47 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 11/3/1995  | 9:17  | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 10/2/1995  | 13:53 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 9/7/1995   | 8:01  | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 8/2/1995   | 13:45 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 7/10/1995  | 12:38 | 5.1  | 8.5      | 240        | 16  |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 6/7/1995   | 10:43 | 3120 | 8.1      | 80         | 9   |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 6/7/1995   | 10:43 |      |          |            |     |      | 7.84 | 120  | 1   | 0.05    |     | 7   | 100 | 0.01 |    | 0.89 | -0.002 | -0.005 | 12   | -0.005 | -0.05 | 4.2 | 0.006 | -0.0002 |    | 0.022 | 8.4  |    |     |        | 0.85  |        |  |
| 5/2/1995   | 10:44 | 5850 | 8.4      | 40         | 5   |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 4/3/1995   | 12:33 | 620  | 8.3      | 70         | 5   |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 3/13/1995  | 8:07  |      |          |            |     |      | 7.89 | 110  | -1  | 0.03    |     | -5  | 110 | 0.03 |    | 0.86 | -0.001 | -0.005 | 11.5 | 0.005  | -0.05 | 3.5 | 0.007 | -0.0002 |    | 0.003 | 7.05 |    |     |        | 0.79  |        |  |
| 3/13/1995  | 8:07  | 975  | 8.4      | 100        | 3   |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 2/6/1995   | 11:24 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 1/3/1995   | 11:24 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 12/5/1994  | 12:28 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 11/10/1994 | 9:52  | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 10/4/1994  | 11:05 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 9/14/1994  | 10:58 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 8/8/1994   | 8:20  | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 7/12/1994  | 11:28 | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 6/9/1994   |       | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 5/31/1994  | 12:09 | 8    | 8.2      | 210        | 12  |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 4/30/1994  | 13:50 | 1100 | 8.6      | 130        | 10  |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 4/30/1994  | 13:50 |      |          |            |     |      | 48   | 7.90 | 98  |         |     | -2  | 84  |      |    |      |        |        |      | -0.01  | -0.02 |     | -0.01 |         |    |       |      |    |     |        | 1.4   |        |  |
| 3/31/1994  | 11:35 |      |          |            |     |      | 50   | 7.80 | 128 |         |     | 4   | 80  |      |    |      |        |        |      | -0.01  | -0.02 |     | -0.01 |         |    |       |      |    |     |        | 0.86  |        |  |
| 3/31/1994  | 11:35 | 350  | 7        | 210        | 13  |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 12/21/1993 |       | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 11/10/1993 |       | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 10/29/1993 |       | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 9/8/1993   |       | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 8/30/1993  |       | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 7/28/1993  |       | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 7/1/1993   |       | 0    |          |            |     |      |      |      |     |         |     |     |     |      |    |      |        |        |      |        |       |     |       |         |    |       |      |    |     |        |       |        |  |
| 4/30/1993  | 13:00 |      |          |            |     |      | 36   | 8.00 | 67  |         |     | 28  | 74  |      |    |      |        |        |      | -0.01  | -0.02 |     | 0.03  |         |    |       |      |    |     |        | 1.83  |        |  |

MONITORING DATA FOR 2024 AHR

SURFACE WATER LOCATION: HN-1

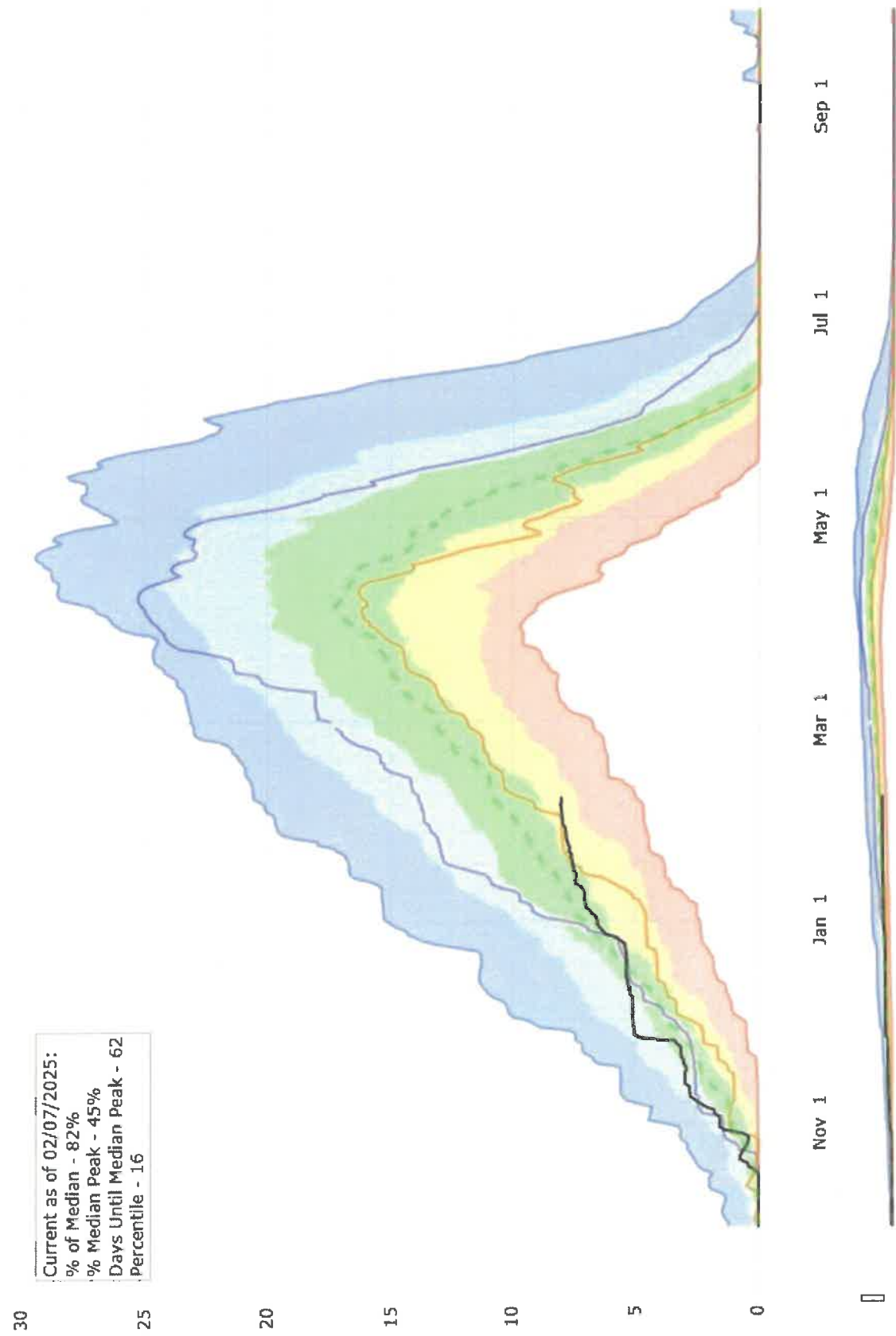
| Date      | Time  | Flow  | Field pH | Field Cond | Tem | HCO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TSS | TDS | PO4 | DO | Al | As | Cd | Ca | Cu    | Pb    | Mg | Mn    | Hg | Mo | Se | Na | Zn | Oil | Grease | Fe-Tr | Fe-Dis |
|-----------|-------|-------|----------|------------|-----|------|------|------|----|---------|-----|-----|-----|-----|----|----|----|----|----|-------|-------|----|-------|----|----|----|----|----|-----|--------|-------|--------|
| 4/30/1993 | 13:00 | 15720 | 8.4      | 1900       | 7   |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |       |    |    |    |    |    |     |        |       |        |
| 3/18/1993 | 13:00 | 1500  | 8.5      | 90         | 4   |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |       |    |    |    |    |    |     |        |       |        |
| 3/19/1993 | 13:00 |       |          |            |     | 72   | 8.00 | 152  |    |         |     | -2  | 104 |     |    |    |    |    |    | -0.01 | -0.02 |    | -0.01 |    |    |    |    |    |     |        | 0.23  |        |
| 2/28/1993 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |       |    |    |    |    |    |     |        |       |        |
| 1/30/1993 |       | 0     |          |            |     |      |      |      |    |         |     |     |     |     |    |    |    |    |    |       |       |    |       |    |    |    |    |    |     |        |       |        |

SP-8 DRY SINCE 1998

SP-9 DRY SINCE 2001

Reset Range

Link to data: CSV / JSON



## EXHIBIT 2

H-10 WELL

B SEAM - SOMERSET MINE WORKINGS  
HUBBARD CREEK DRAINAGE

# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: H-10

| Date      | Time  | DEPTH  | Field pH | Field Cond | Tem | NH3 | HCO3 | CO3 | pH   | Cond | Cl  | NO3/NO2 | SO4 | TDS  | TSS  | PO4   | As    | Cd | Ca | Fe-Tr | Fe-Dls | Mnd   | Mntr | Mg | Hg | Se  | Na    | Zn |  |
|-----------|-------|--------|----------|------------|-----|-----|------|-----|------|------|-----|---------|-----|------|------|-------|-------|----|----|-------|--------|-------|------|----|----|-----|-------|----|--|
| 9/20/2024 | 13:10 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/20/2024 | 11:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 9/22/2023 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 8/23/2023 | 11:45 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 9/16/2022 | 14:30 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 8/24/2022 | 12:30 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 9/27/2021 | 14:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/18/2021 | 13:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 9/14/2020 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/12/2020 | 11:45 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/20/2019 | 12:45 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 9/17/2018 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/15/2018 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 9/12/2017 | 13:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/22/2017 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 9/28/2016 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/20/2016 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 8/18/2015 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 8/18/2015 | 13:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/16/2015 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/10/2015 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 9/11/2014 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/24/2014 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 7/18/2013 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/18/2013 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 8/2/2012  | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/19/2012 | 12:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 7/28/2011 | 8:00  | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/23/2011 | 8:00  | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 8/6/2010  | 13:30 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 6/15/2010 | 10:00 | 0      |          |            |     |     |      |     |      |      |     |         |     |      |      |       |       |    |    |       |        |       |      |    |    |     |       |    |  |
| 8/4/2009  | 10:00 | 278.25 | 7.7      | 3900       | 24  | 10  | 2300 | 1   | 7.27 | 4200 | 280 | 0.34    | 5   | 3200 | 0.23 | 0.006 | 0.005 | 49 | 66 | 8.5   | 0.430  | 1.1   |      |    |    | 950 | 0.047 |    |  |
| 6/16/2009 | 1:00  | 280.3  | 7.1      | 3900       | 20  | 10  | 2400 | 1   | 7.45 | 3900 | 270 | 0.02    | 5   | 3100 | 0.24 | 0.01  | 0.005 | 53 | 39 | 9.4   | 0.504  | 0.852 |      |    |    | 960 | 0.038 |    |  |

# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: H-10

| Date       | Time  | DEPTH  | Field pH | Field Cond | Tem | NH3  | HCO3 | CO3  | pH   | Cond | Cl  | NO3/NO2 | SO4 | TDS  | TSS | PO4   | As     | Cd     | Ca     | Fe-Tr | Fe-Dls | Mnd   | Mntr  | Mg      | Hg      | Se     | Na   | Zn |
|------------|-------|--------|----------|------------|-----|------|------|------|------|------|-----|---------|-----|------|-----|-------|--------|--------|--------|-------|--------|-------|-------|---------|---------|--------|------|----|
| 8/8/2008   | 10:00 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 8/1/2008   | 10:00 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 8/18/2008  | 11:00 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 8/18/2008  | 10:00 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 8/10/2008  | 10:00 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 8/8/2008   | 12:00 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/17/2005 | 11:45 | 0      |          |            |     |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 8/5/2005   | 10:00 | 0      |          |            |     |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 8/23/2004  | 12:00 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 6/22/2004  | 14:30 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 8/28/2003  | 11:15 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 6/17/2003  |       | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 9/23/2002  |       | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/30/2001 | 13:55 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 4/28/2001  | 14:15 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/2/2000  | 13:39 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 4/28/2000  | 14:34 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/22/1999 | 13:10 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/16/1999 | 15:10 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/12/1998 | 16:15 | 0      | 0        | 0          | 0   |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 4/21/1999  | 20:15 | 307    | 7.8      | 4500       | 20  | 2.9  | 2503 | 37   | 8.46 | 4440 | 278 | 0.03    | 2.4 | 2753 |     | 0.04  | -0.002 | -0.005 | 6.53   | 3.59  | 0.44   | 0.018 | 0.033 | 3.15    | -0.0002 | -0.002 | 1190 |    |
| 10/23/1997 |       | 307    |          |            |     |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/23/1997 |       | 307    | 7.7      | 4700       |     | 20   |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/22/1996 |       | 307.9  | 7.9      | 4600       |     | 3.2  | 2520 | -1   | 7.66 | 4280 | 300 | -0.02   | 5.8 | 2740 |     | 0.03  | 0.004  | -0.005 | -0.005 | 18.5  | 0.06   | 0.014 | 0.18  | 2.9     | -0.0002 | -0.002 | 1130 |    |
| 10/22/1996 |       | 308.1  | 8        | 4200       |     | 13   |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 4/25/1996  |       |        |          |            |     | 20   |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/10/1995 | 7:10  |        |          |            |     | 2.7  | 2380 | 120  | 8.77 | 4400 | 280 | 0.14    |     | 2800 |     | 0.04  | -0.002 | -0.005 | 6.2    | 3.11  | 0.02   | 0.017 | 0.03  | 2.6     | -0.0002 | -0.002 | 1100 |    |
| 10/10/1995 | 7:10  | 308.5  | 7.8      | 4800       |     | 15   |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 4/8/1995   | 10:25 | 308.25 | 7.8      | 4500       |     | 20   |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 10/11/1994 | 10:42 |        |          |            |     | 2.56 | 2660 | -0.5 | 8.39 | 4690 | 300 | 0.28    |     | 2840 |     | 0.08  | 0.005  | 0.005  | 7.2    | 11.3  | 0.06   | 0.030 | 0.12  | 3.2     | 0.0003  | 0.028  | 1100 |    |
| 10/11/1994 | 10:42 | 308.5  | 7.6      | 4800       |     | 19   |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |
| 4/30/1994  | 10:12 |        |          |            |     | 2.51 | 1922 | 0    | 7.80 | 4510 | 289 |         |     | 2816 |     | 0.017 | 0.005  | -0.005 | 6      | 3.8   | 0.3    | 0.020 | 3     | -0.0002 | 0.001   | 1010   |      |    |
|            |       |        |          |            |     |      |      |      |      |      |     |         |     |      |     |       |        |        |        |       |        |       |       |         |         |        |      |    |

# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: H-10

| Date       | Time  | DEPTH  | Field pH | Field Cond | Tem | NH3  | HCO3 | CO3 | pH   | Cond | Cl  | NO3/NO2 | SO4 | TDS  | TSS | PO4    | As    | Cd     | Ca | Fe-Tr | Fe-Dis | Mnd   | Mntr | Mg | Hg      | Se     | Na   | Zn   |
|------------|-------|--------|----------|------------|-----|------|------|-----|------|------|-----|---------|-----|------|-----|--------|-------|--------|----|-------|--------|-------|------|----|---------|--------|------|------|
| 4/30/1994  | 10:12 | 308.67 | 8.3      | 4800       |     | 19   |      |     | 7.80 |      |     |         |     | 2786 | 10  |        |       |        |    | 6.1   |        |       |      |    |         |        |      |      |
| 11/10/1993 | 11:20 |        |          | 5400       |     | 19   |      |     |      |      |     |         |     |      |     |        |       |        |    |       |        |       |      |    |         |        |      |      |
| 11/10/1993 | 11:20 |        |          |            |     |      |      |     |      |      |     |         |     |      |     |        |       |        |    |       |        |       |      |    |         |        |      |      |
| 8/30/1993  | 8:00  |        |          |            |     | 3.14 | 2080 | 0   | 8.20 | 4430 | 301 | 0.13    |     | 2818 | 132 |        | 0.009 | -0.005 | 7  | 13.4  | 0.78   | 0.030 |      | 3  | -0.0002 |        | 1050 | 0.01 |
| 8/30/1993  | 8:00  | 307    | 8.9      | 5000       |     | 18   |      |     |      |      |     |         |     |      |     |        |       |        |    |       |        |       |      |    |         |        |      |      |
| 6/30/1993  | 10:18 |        |          |            |     | 1.91 | 2250 | 0   | 7.80 | 4860 | 312 | -0.02   |     | 2774 | 24  | -0.005 | 0.001 | -0.005 | 6  | 4.68  | 0.2    | 0.030 |      | 3  | -0.0002 | -0.001 | 1080 | 0.01 |
| 6/30/1993  | 10:18 | 307    | 7.1      |            |     |      |      |     |      |      |     |         |     |      |     |        |       |        |    |       |        |       |      |    |         |        |      |      |

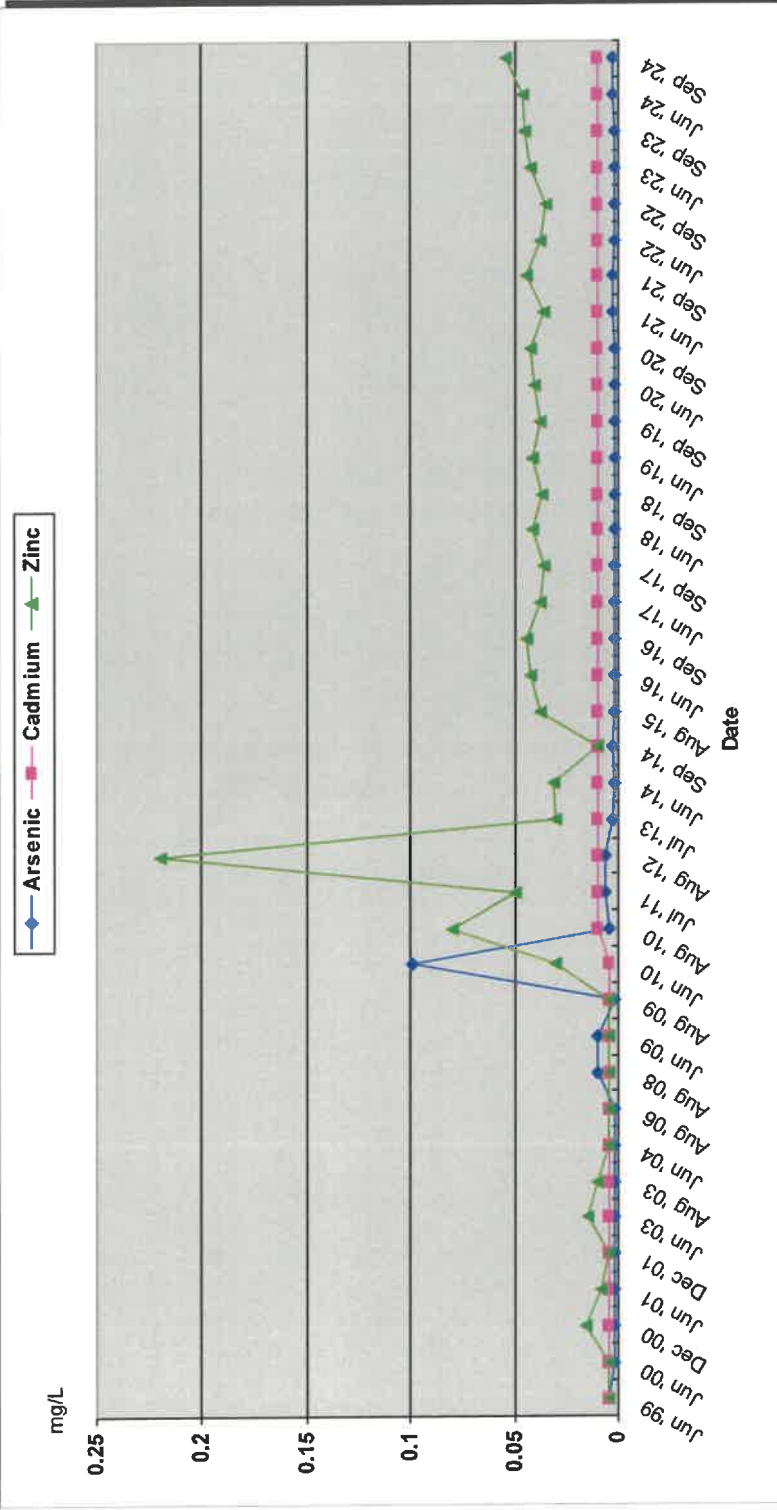
BC-1 WELL

LOWER BEAR CREEK CANYON

ALLUVIUM/COLLUVIUM

# MONITORING CHART FOR 2024 AHR

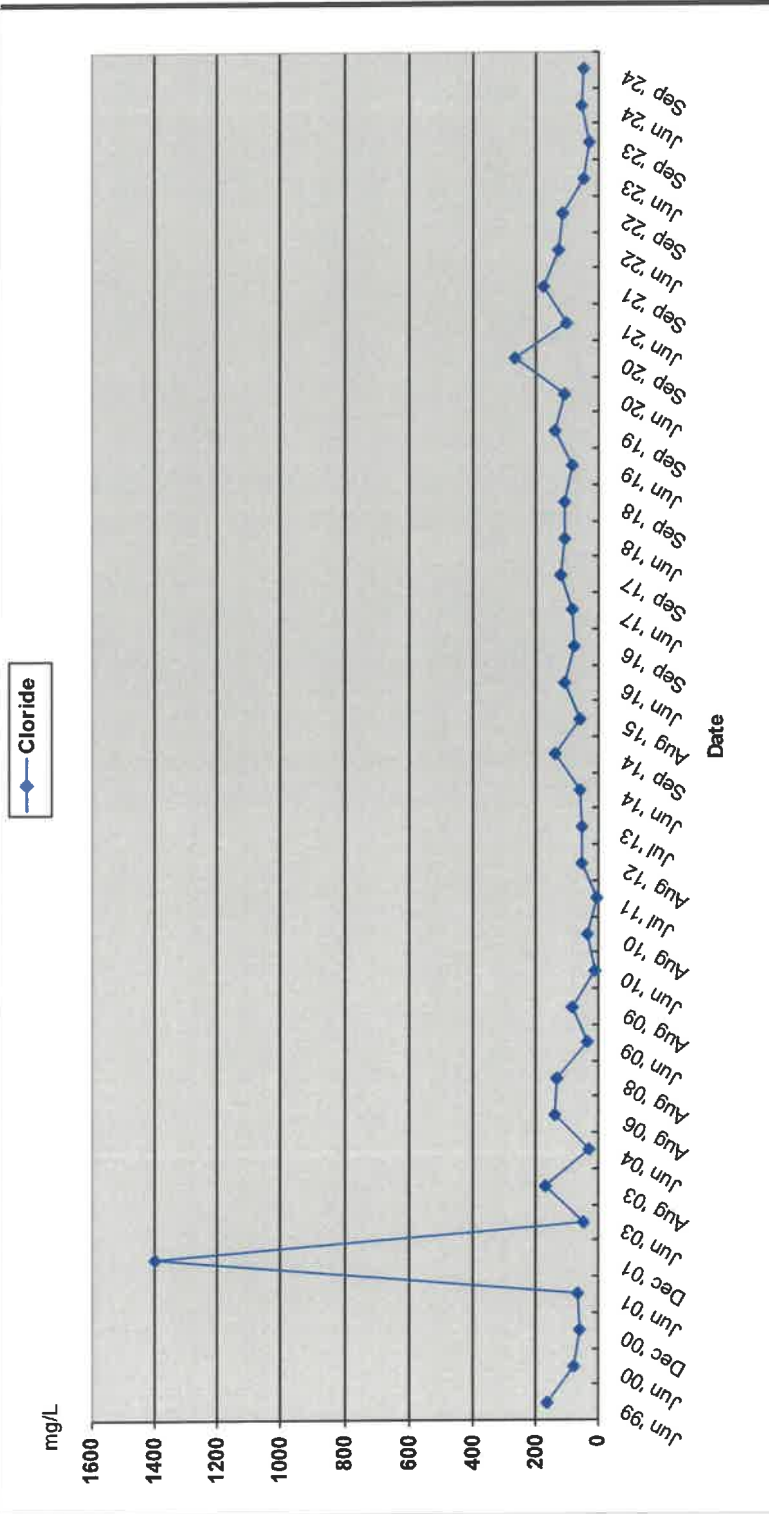
GROUND WATER LOCATION: BC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: BC-1

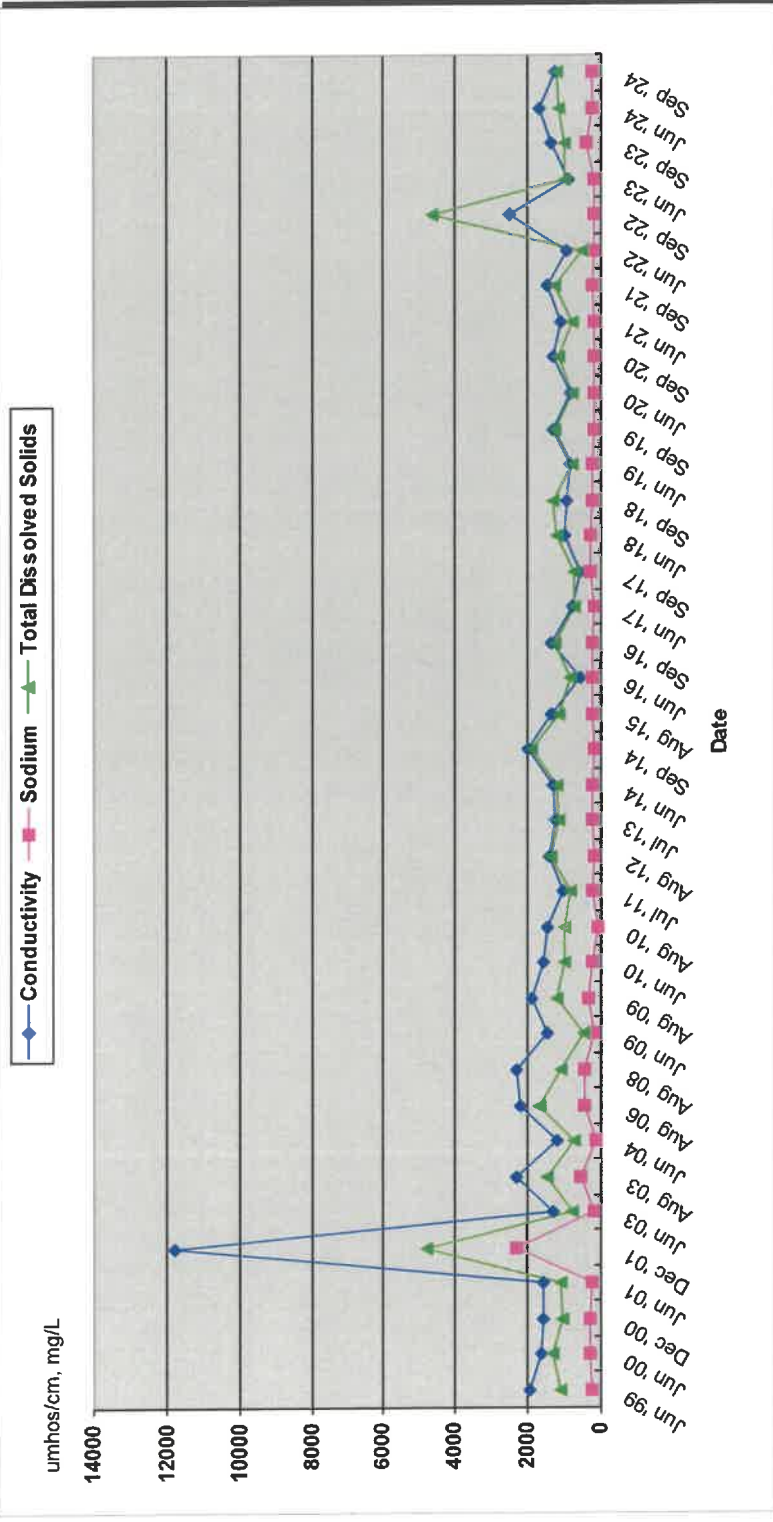


Oxbow Mining, LLC., Elk Creek Mine

Date : 04-Feb-25

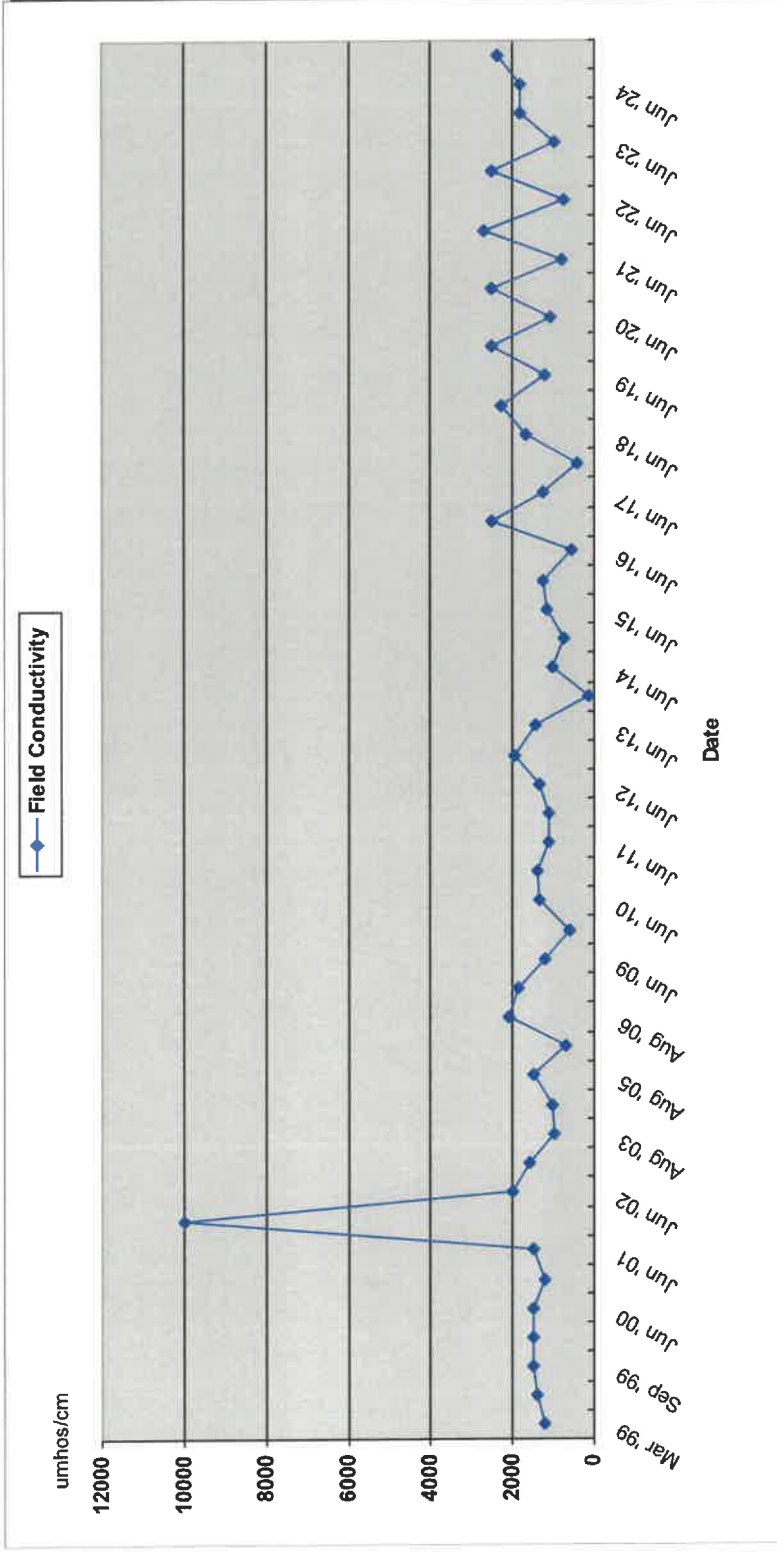
# MONITORING CHART FOF2024 AHR

GROUND WATER LOCATION: BC-1



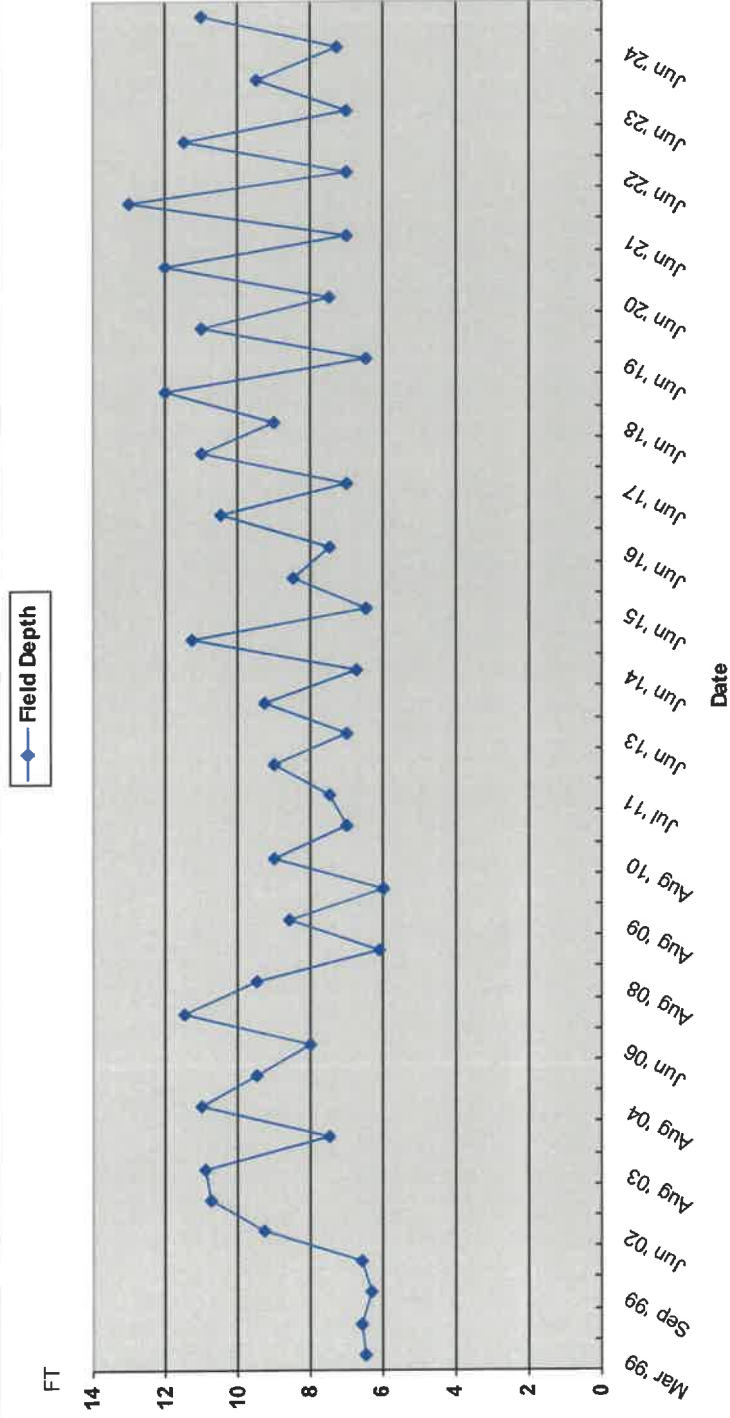
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: BC-1



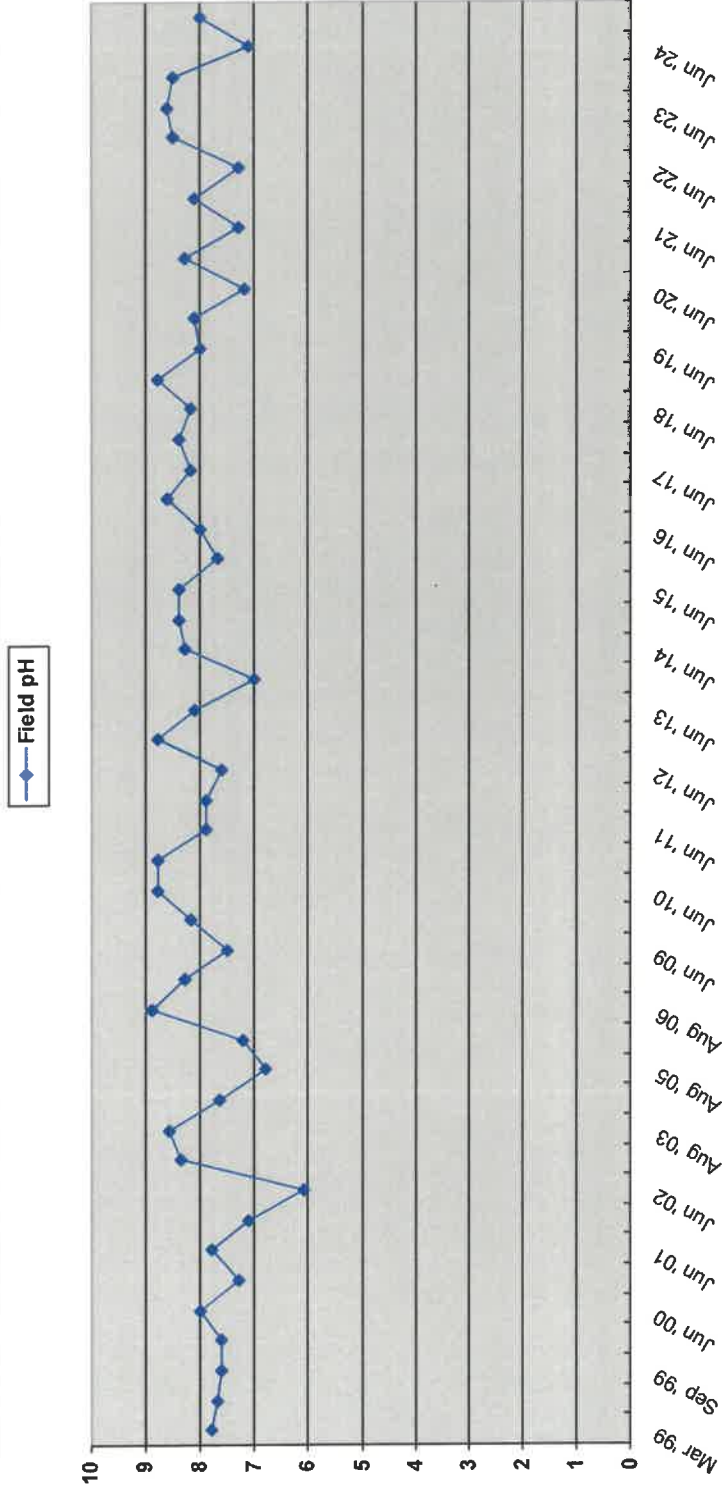
# MONITORING CHART FOF2024 AHR

GROUND WATER LOCATION: BC-1



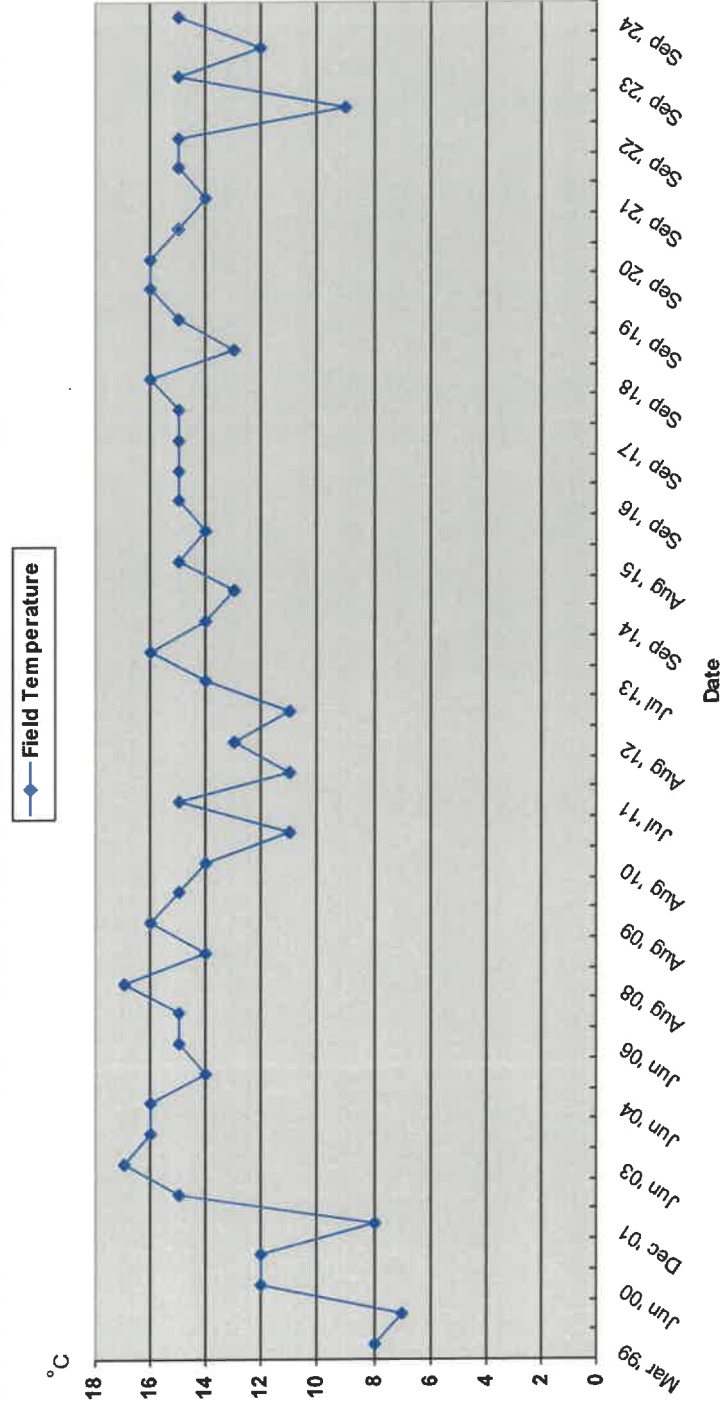
# MONITORING CHART FOF2024 AHR

GROUND WATER LOCATION: BC-1



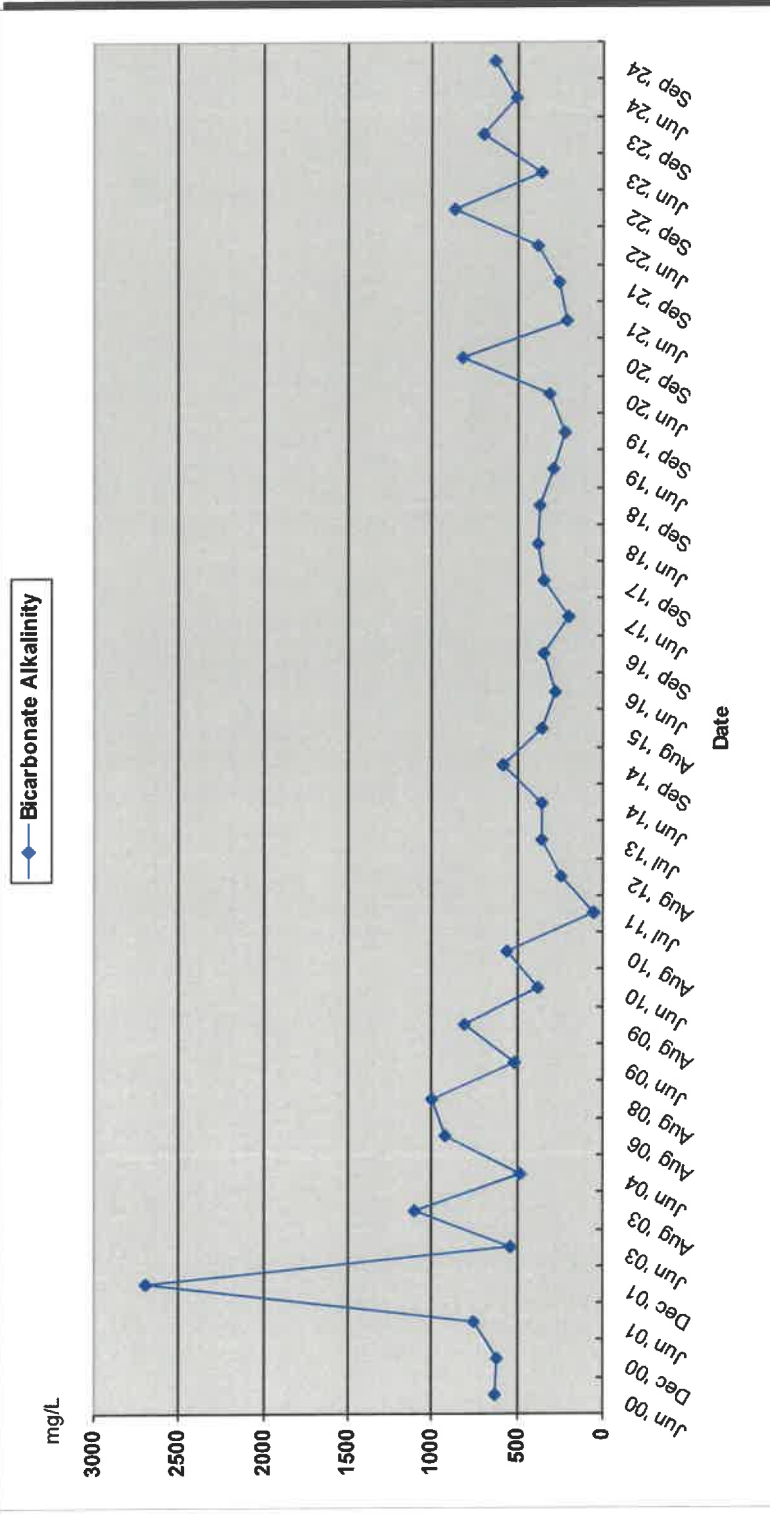
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: BC-1



# MONITORING CHART FOR 2024 AHR

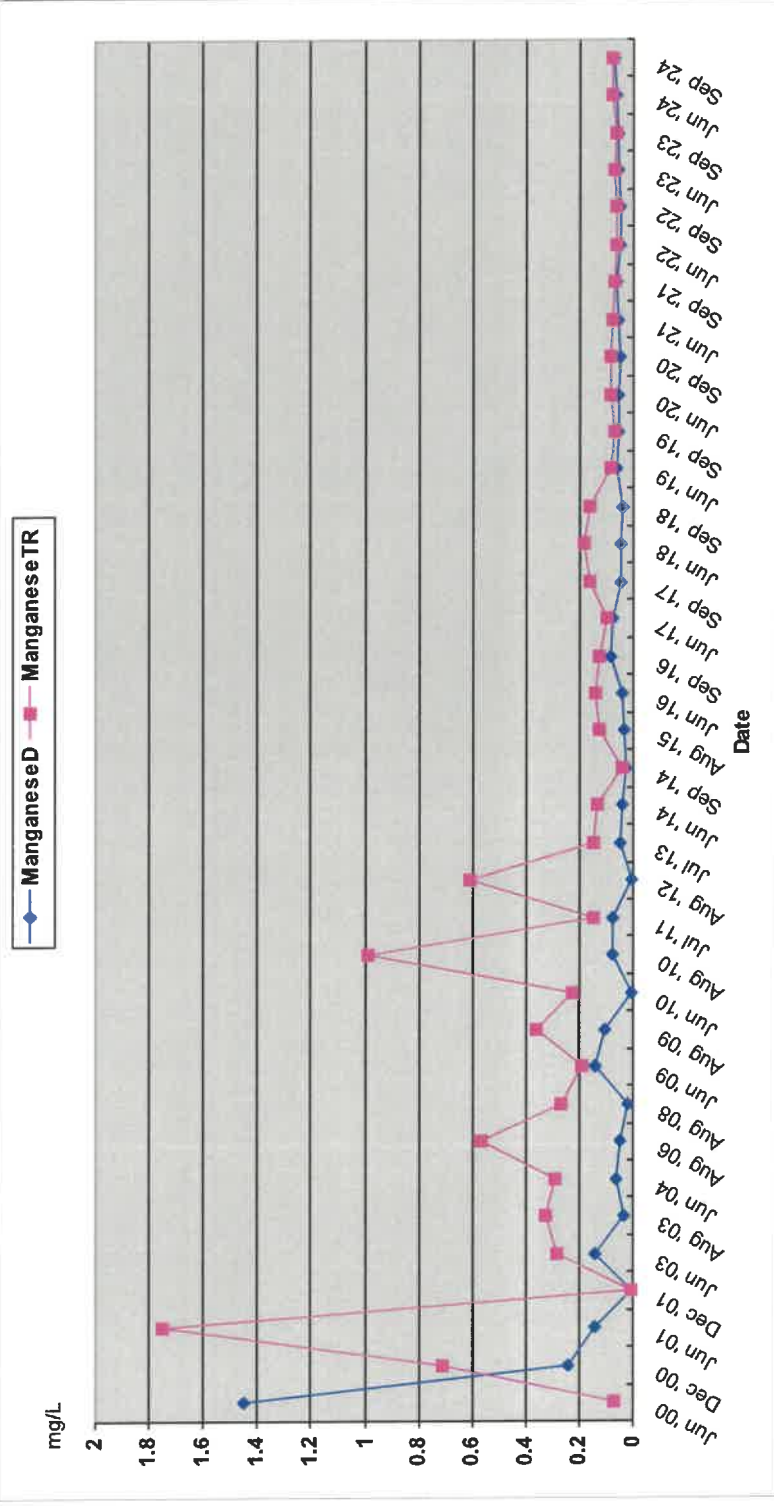
GROUND WATER LOCATION: BC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

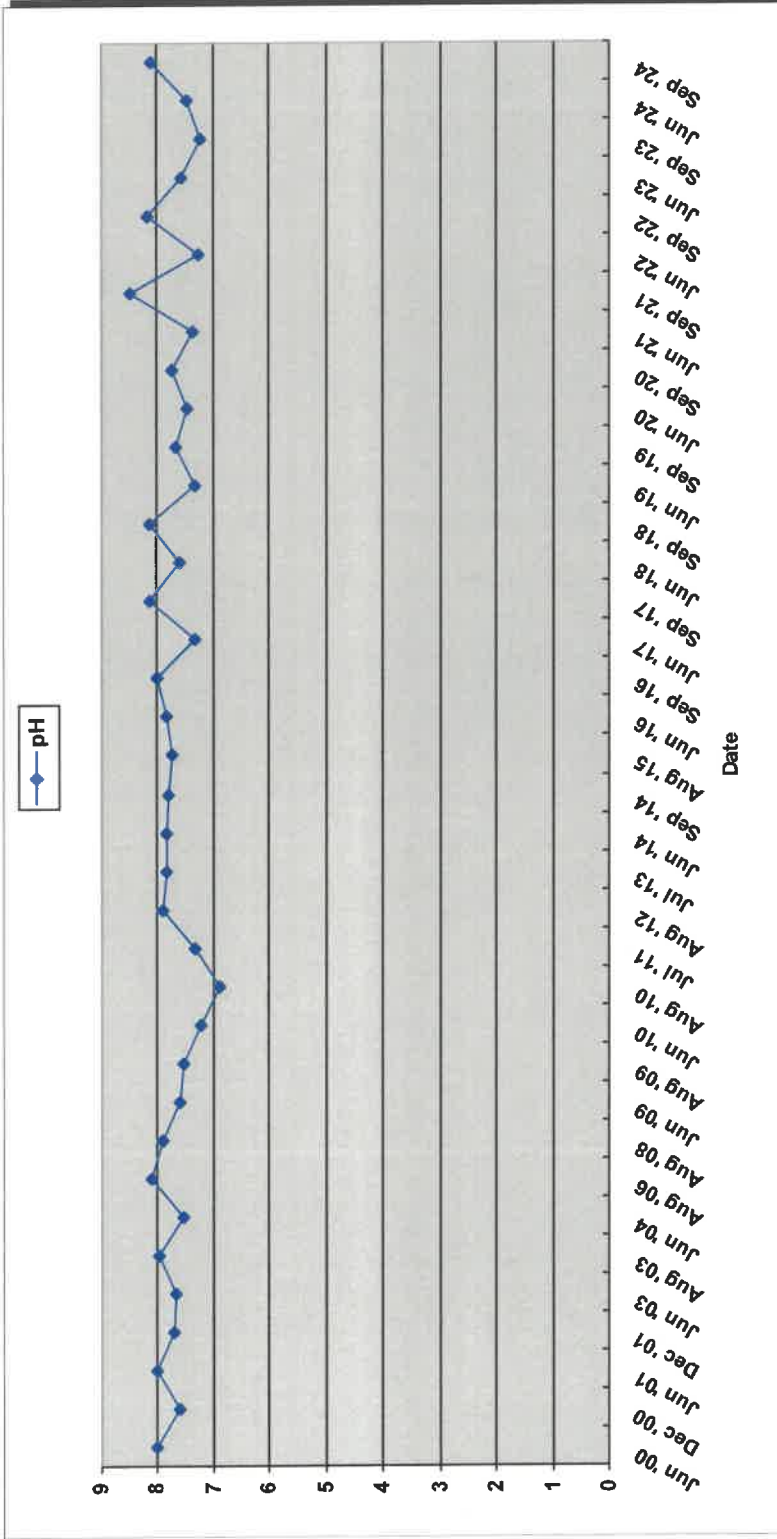
GROUND WATER LOCATION: BC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024AHR

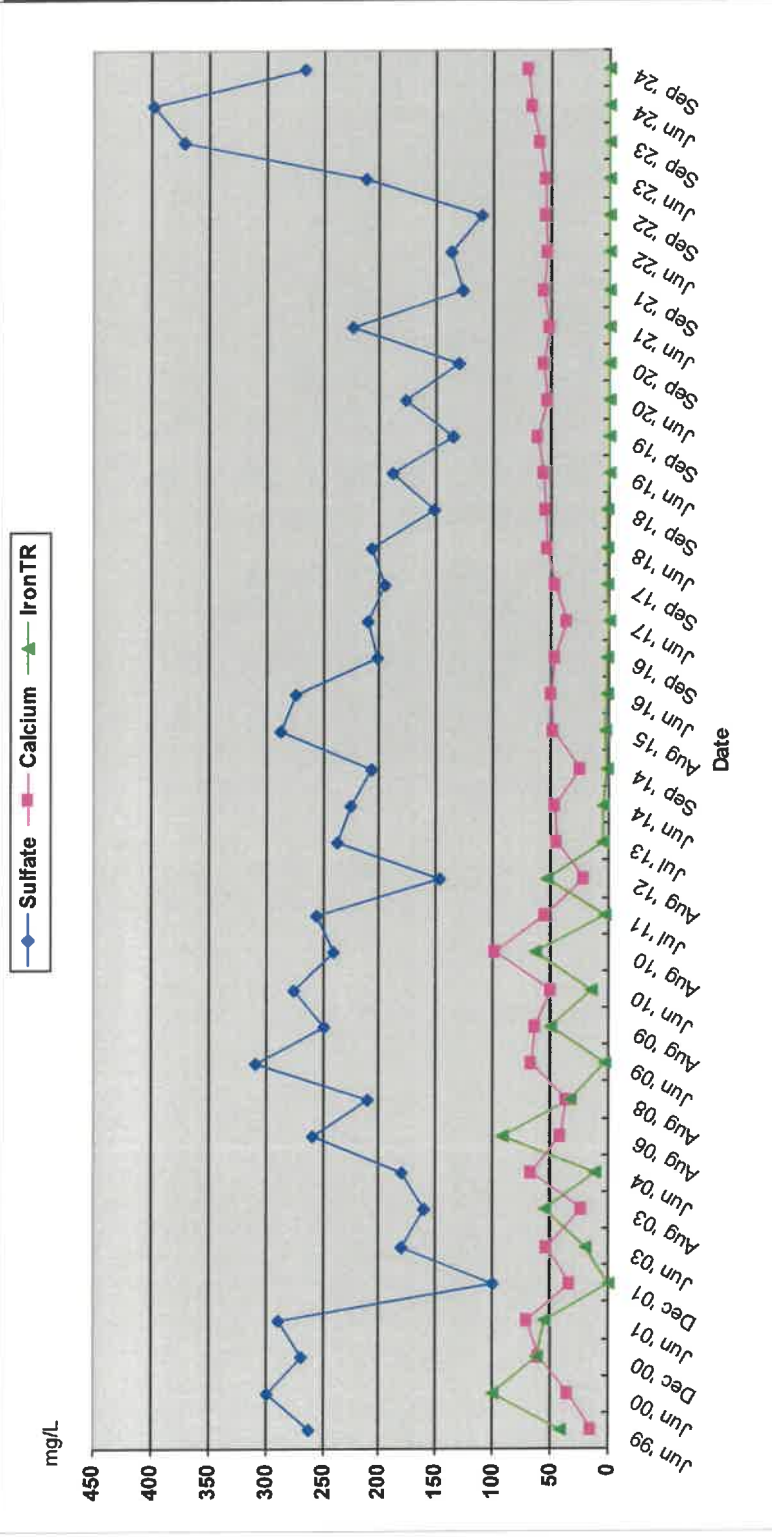
GROUND WATER LOCATION: BC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: BC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25

# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: BC-1

| Date      | Time  | DEPTH | Field pH | Field Cond | Tem | NH3   | HCO3   | CO3 | pH   | Cond | Cl     | NO3/NO2 | SO4    | TDS  | TSS  | PO4   | As    | Cd   | Ca    | Fe-Tr | Fe-Dis | Mnd   | Mntr | Mg | Hg | Se | Na    | Zn    |  |
|-----------|-------|-------|----------|------------|-----|-------|--------|-----|------|------|--------|---------|--------|------|------|-------|-------|------|-------|-------|--------|-------|------|----|----|----|-------|-------|--|
| 9/23/2024 | 12:20 | 11    | 8        | 2400       | 15  | 0.308 | 630.77 | 0   | 8.12 | 1265 | 47.49  | 0.08    | 265.46 | 1194 | 0.08 | 0.003 | 0.01  | 70.2 | 0.257 | 0.038 | 0.069  | 0.078 |      |    |    |    | 267   | 0.054 |  |
| 6/24/2024 | 13:15 | 7.25  | 7.1      | 1800       | 12  | 0.109 | 507.69 | 0   | 7.48 | 1673 | 54.99  | 0.08    | 398.02 | 1176 | 0.08 | 0.003 | 0.01  | 87.1 | 0.148 | 0.026 | 0.064  | 0.075 |      |    |    |    | 253   | 0.046 |  |
| 9/25/2023 | 13:00 | 9.5   | 8.5      | 1800       | 15  | 0.89  | 699.2  | 0   | 7.24 | 1363 | 27.49  | 0.076   | 371.26 | 1024 | 0    | 0.002 | 0.01  | 60.2 | 0.113 | 0.026 | 0.055  | 0.064 |      |    |    |    | 417   | 0.045 |  |
| 6/26/2023 | 11:30 | 7     | 8.6      | 958        | 8   | 0.124 | 380    | 0   | 7.57 | 922  | 47.49  | 0.112   | 213.21 | 1030 | 0    | 0.002 | 0.01  | 55.6 | 0.106 | 0.02  | 0.056  | 0.07  |      |    |    |    | 205   | 0.042 |  |
| 9/16/2022 | 12:25 | 11.5  | 8.5      | 2500       | 15  | 0.15  | 870    | 123 | 8.20 | 2476 | 117    | 0.024   | 109.9  | 4644 | 0    | 0.002 | 0.01  | 55.7 | 0.09  | 0.017 | 0.050  | 0.062 |      |    |    |    | 203   | 0.035 |  |
| 6/27/2022 | 10:50 | 7     | 7.3      | 745        | 15  | 0.129 | 387    | 0   | 7.27 | 962  | 125    | 0.072   | 137.7  | 544  | 0    | 0.002 | 0.01  | 53.8 | 0.093 | 0.018 | 0.052  | 0.068 |      |    |    |    | 196   | 0.038 |  |
| 9/27/2021 | 12:30 | 13    | 8.1      | 2700       | 14  | 0.282 | 254    | 0   | 8.49 | 1458 | 172.45 | 0.213   | 127.6  | 1284 | 0    | 0.003 | 0.01  | 57.1 | 0.114 | 0.01  | 0.061  | 0.074 |      |    |    |    | 287   | 0.044 |  |
| 6/21/2021 | 12:30 | 7     | 7.3      | 786        | 15  | 0.162 | 219    | 0   | 7.36 | 1125 | 103.12 | 0.031   | 223.5  | 802  | 0    | 0.003 | 0.01  | 52.5 | 0.081 | 0.011 | 0.057  | 0.077 |      |    |    |    | 205   | 0.036 |  |
| 9/16/2020 | 13:05 | 12    | 8.3      | 2500       | 16  | 0.234 | 828    | 0   | 7.74 | 1320 | 265.68 | 0.068   | 130    | 1152 | 0    | 0.002 | 0.01  | 56.5 | 0.068 | 0.011 | 0.052  | 0.088 |      |    |    |    | 226   | 0.042 |  |
| 6/16/2020 | 12:00 | 7.5   | 7.2      | 1090       | 16  | 0.29  | 314    | 0   | 7.46 | 830  | 106.35 | 0.038   | 176.99 | 788  | 0    | 0.002 | 0.01  | 53.1 | 0.088 | 0.01  | 0.059  | 0.082 |      |    |    |    | 211   | 0.04  |  |
| 9/23/2019 | 14:30 | 11    | 8.1      | 2500       | 15  | 0.126 | 223.5  | 0   | 7.67 | 1295 | 141.8  | 0.04    | 135.83 | 1258 | 0    | 0.002 | 0.01  | 62.1 | 0.126 | 0.01  | 0.056  | 0.071 |      |    |    |    | 232   | 0.038 |  |
| 6/24/2019 | 13:00 | 6.5   | 8        | 1210       | 13  | 0.102 | 288    | 0   | 7.32 | 868  | 85.33  | 0       | 188.3  | 814  | 0    | 0.002 | 0.01  | 56.9 | 0.133 | 0.009 | 0.064  | 0.087 |      |    |    |    | 247   | 0.041 |  |
| 9/17/2018 | 12:25 | 12    | 8.8      | 2300       | 16  | 0.115 | 367.8  | 0   | 8.14 | 952  | 107.68 | 0.11    | 152.29 | 1342 | 0    | 0.002 | 0.01  | 55.6 | 1.08  | 0.061 | 0.048  | 0.164 |      |    |    |    | 289   | 0.037 |  |
| 6/19/2018 | 12:50 | 9     | 8.2      | 1700       | 15  | 0.103 | 386.91 | 0   | 7.61 | 1019 | 107.68 | 0.14    | 207.14 | 1216 | 0    | 0.002 | 0.01  | 54.3 | 1.39  | 0.078 | 0.053  | 0.182 |      |    |    |    | 327   | 0.041 |  |
| 9/13/2017 | 11:50 | 11    | 8.4      | 400        | 15  | 0.083 | 353.4  | 0   | 8.16 | 603  | 119.05 | 0.11    | 198.33 | 736  | 0    | 0.002 | 0.01  | 46.7 | 1.16  | 0.062 | 0.049  | 0.166 |      |    |    |    | 291   | 0.036 |  |
| 6/27/2017 | 11:40 | 7     | 8.2      | 1280       | 15  | 0.088 | 206.25 | 0   | 7.32 | 786  | 85.36  | 0       | 211.56 | 742  | 0    | 0.002 | 0.01  | 36.7 | 0.674 | 0.176 | 0.077  | 0.098 |      |    |    |    | 219   | 0.038 |  |
| 9/28/2016 | 10:20 | 10.5  | 8.6      | 2500       | 15  | 0.112 | 354.74 | 0   | 8.01 | 1370 | 80.19  | 0       | 201.88 | 1292 | 0    | 0.002 | 0.01  | 47.3 | 1.67  | 0.203 | 0.086  | 0.126 |      |    |    |    | 268   | 0.044 |  |
| 6/20/2016 | 10:15 | 7.5   | 8        | 580        | 14  | 0.106 | 284.48 | 0   | 7.84 | 579  | 106.35 | 0       | 274.54 | 850  | 0    | 0.002 | 0.01  | 50.1 | 1.03  | 0.083 | 0.044  | 0.145 |      |    |    |    | 263   | 0.042 |  |
| 8/18/2015 | 9:30  | 8.5   | 7.7      | 1250       | 15  | 0.145 | 355.48 | 0   | 7.73 | 1392 | 92.13  | 0       | 288.51 | 1137 | 0    | 0.002 | 0.01  | 48.4 | 2.63  | 0.058 | 0.039  | 0.126 |      |    |    |    | 274   | 0.038 |  |
| 6/16/2015 | 14:00 | 6.5   | 8.4      | 1170       | 13  |       |        |     |      |      |        |         |        |      |      |       |       |      |       |       |        |       |      |    |    |    |       |       |  |
| 9/11/2014 | 8:30  | 11.25 | 8.4      | 750        | 14  | 0.148 | 591    | 0   | 7.82 | 2020 | 138.3  | 0.64    | 208.27 | 1885 | 0    | 0.003 | 0.01  | 24.6 | 0.87  | 0.13  | 0.030  | 0.04  |      |    |    |    | 187.2 | 0.01  |  |
| 6/25/2014 | 10:00 | 6.75  | 8.3      | 1010       | 16  | 0.169 | 361    | 0   | 7.85 | 1308 | 58.71  | 0       | 226.07 | 1216 | 0    | 0.002 | 0.01  | 47.1 | 4.19  | 0.062 | 0.043  | 0.133 |      |    |    |    | 261   | 0.031 |  |
| 7/18/2013 | 12:00 | 9.25  | 7        | 120        | 14  | 0.189 | 355.91 | 0   | 7.83 | 1278 | 56.44  | 0.3     | 238.14 | 1158 | 0.08 | 0.003 | 0.01  | 44.6 | 4.49  | 0.054 | 0.050  | 0.15  |      |    |    |    | 256.5 | 0.03  |  |
| 6/18/2013 | 12:00 | 7     | 8.1      | 1450       | 11  |       |        |     |      |      |        |         |        |      |      |       |       |      |       |       |        |       |      |    |    |    |       |       |  |
| 8/2/2012  | 13:00 |       | 8.8      | 1950       | 13  | 0.35  | 244.29 | 0   | 7.90 | 1444 | 53.34  | 0.3     | 146.74 | 1391 | 0.08 | 0.006 | 0.01  | 21.4 | 53    | 0.08  | 0.010  | 0.61  |      |    |    |    | 196.6 | 0.22  |  |
| 6/19/2012 | 13:00 | 8     | 7.6      | 1350       | 11  |       |        |     |      |      |        |         |        |      |      |       |       |      |       |       |        |       |      |    |    |    |       |       |  |
| 7/26/2011 | 9:00  | 7.5   | 7.9      | 1130       | 15  | 0.17  | 59.53  | 0   | 7.32 | 1048 | 4.96   | 0.22    | 256.43 | 833  | 0.08 | 0.006 | 0.01  | 54.4 | 2.92  | 0.02  | 0.080  | 0.15  |      |    |    |    | 248.8 | 0.05  |  |
| 6/23/2011 | 9:00  | 7     | 7.9      | 1110       | 11  |       |        |     |      |      |        |         |        |      |      |       |       |      |       |       |        |       |      |    |    |    |       |       |  |
| 8/5/2010  | 13:00 | 9     | 8.8      | 1390       | 14  | 0.02  | 569.16 | 0   | 6.90 | 1504 | 37.44  | 0.49    | 241.61 | 1022 | 0.08 | 0.005 | 0.01  | 99.4 | 63.8  | 0.07  | 0.080  | 0.99  |      |    |    |    | 119   | 0.08  |  |
| 6/16/2010 | 10:30 | 6     | 8.8      | 1370       | 15  | 0.456 | 382.13 | 0   | 7.25 | 1600 | 9.33   | 0       | 275.38 | 890  | 0    | 0.099 | 0.005 | 50.1 | 14.53 | 0.01  | 0.007  | 0.23  |      |    |    |    | 244   | 0.03  |  |
| 8/4/2009  | 9:30  | 8.6   | 8.2      | 620        | 18  | 0.38  | 810    | 1   | 7.53 | 1900 | 85     | 0.02    | 250    | 1200 | 0.01 | 0.002 | 0.005 | 63   | 50    | 0.03  | 0.110  | 0.36  |      |    |    |    | 370   | 0.005 |  |
| 6/16/2008 | 9:00  | 6.1   | 7.5      | 1230       | 14  | 0.27  | 520    | 1   | 7.62 | 1500 | 37     | 0.02    | 310    | 450  | 0.01 | 0.01  | 0.005 | 67   | 3.3   | 0.03  | 0.143  | 0.192 |      |    |    |    | 220   | 0.005 |  |
| 8/26/2008 | 15:00 | 9.5   | 8.3      | 1880       | 17  | 0.79  | 1000   | 1   | 7.93 | 2300 | 130    | 0.19    | 210    | 1100 | 0.04 | 0.01  | 0.005 | 37   | 33    | 0.01  | 0.023  | 0.267 |      |    |    |    | 470   | 0.005 |  |

# MONITORING DATA FOR 2024 AHR

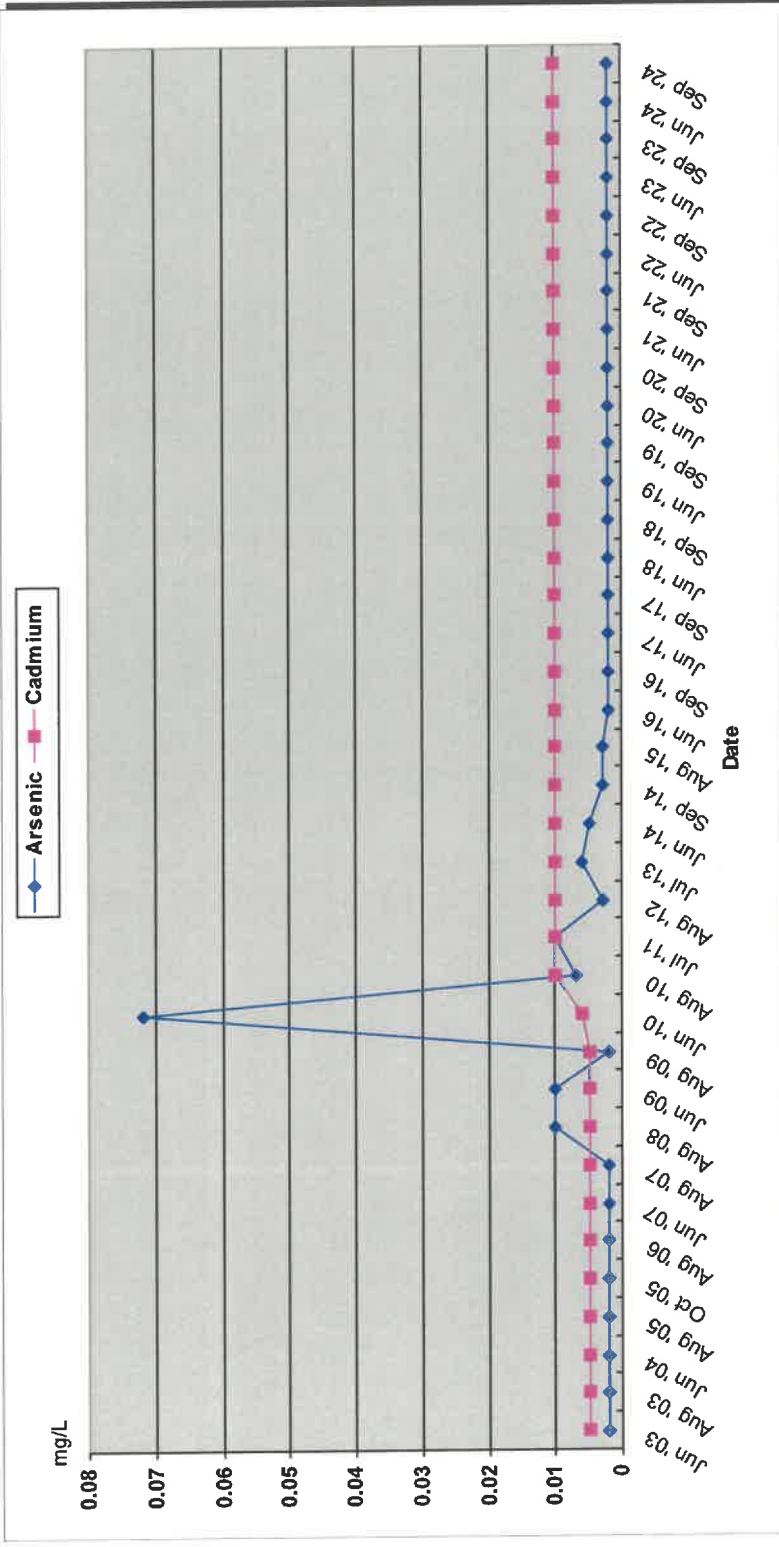
GROUNDWATER LOCATION: BC-1

| Date       | Time  | DEPTH | Field pH | Field Cond | Tem | NH3  | HCO3 | CO3 | pH   | Cond  | Cl   | NO3/NO2 | SO4 | TDS  | TSS  | PO4  | As    | Cd    | Ca   | Fe-Tr | Fe-Dis | Mnd   | Mntr  | Mg   | Hg     | Se    | Na    | Zn    |
|------------|-------|-------|----------|------------|-----|------|------|-----|------|-------|------|---------|-----|------|------|------|-------|-------|------|-------|--------|-------|-------|------|--------|-------|-------|-------|
| 8/10/2006  | 10:00 | 11.5  | 8.88     | 2100       | 15  | 0.89 | 930  | 1   | 8.11 | 2200  | 140  | 0.02    | 260 | 1700 |      | 0.01 | 0.002 | 0.005 | 42   | 82    | 0.08   | 0.053 | 0.568 |      |        |       | 490   | 0.005 |
| 6/8/2006   | 12:00 | 8     | 7.21     | 890        | 15  |      |      |     |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |
| 10/17/2005 | 12:30 | 0     |          |            |     |      |      |     |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |
| 8/5/2005   | 9:20  | 9.5   | 6.8      | 1510       | 14  |      |      |     |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |
| 8/23/2004  | 11:50 | 11    | 0        | 0          | 0   |      |      |     |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |
| 6/16/2004  | 12:15 | 7.5   | 7.65     | 1010       | 16  | 0.34 | 480  | 1   | 7.54 | 1200  | 29   | 0.02    | 180 | 720  |      | 0.01 | 0.002 | 0.005 | 67   | 11    | 0.01   | 0.081 | 0.292 |      |        | 150   | 0.005 |       |
| 8/28/2003  | 10:30 | 10.9  | 8.59     | 1000       | 16  | 0.49 | 1100 | 1   | 7.89 | 2300  | 170  | 0.02    | 180 | 1500 |      | 0.01 | 0.002 | 0.005 | 24   | 56    | 0.04   | 0.036 | 0.329 |      |        | 580   | 0.01  |       |
| 6/19/2003  | 13:30 | 0     | 8.37     | 1800       | 17  | 0.17 | 540  | 1   | 7.66 | 1300  | 46   | 0.08    | 180 | 790  |      | 0.01 | 0.002 | 0.005 | 53   | 20    | 0.02   | 0.143 | 0.284 |      |        | 180   | 0.015 |       |
| 9/6/2002   |       | 10.75 | 0        | 0          | 0   |      |      |     |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |
| 6/25/2002  |       | 9.25  | 6.1      | 2000       | 15  |      |      |     |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |
| 12/16/2001 | 13:00 | 0     | 7.1      | 10000      | 8   | 1.77 | 2700 | 1   | 7.70 | 11800 | 1400 | 0.08    | 100 | 4800 | 15   | 0.01 | 0.002 | 0.005 | 34.2 | 0.28  | 0.02   | 0.005 | 0.008 | 8.7  | 0.0002 | 0.002 | 2320  | 0.005 |
| 6/28/2001  | 10:50 | 0     | 7.8      | 1500       | 0   | 0.39 | 760  | 1   | 8.00 | 1604  | 67   | 0.02    | 290 | 1100 | 2700 | 0.01 | 0.002 | 0.005 | 70.3 | 55.2  | 0.01   | 0.144 | 1.75  | 36.5 | 0.0002 | 0.002 | 255   | 0.008 |
| 12/28/2000 | 13:45 | 0     | 7.3      | 1200       | 12  | 1.14 | 616  | 1   | 7.80 | 1808  | 63   | 0.02    | 289 | 1038 | 594  | 0.01 | 0.002 | 0.005 | 60.2 | 61.4  | 0.01   | 0.240 | 0.71  | 33.7 | 0.0002 | 0.002 | 340   | 0.018 |
| 6/29/2000  | 13:51 | 0     | 8        | 1500       | 12  | 0.91 | 630  | 1   | 8.02 | 1650  | 77   | 0.03    | 300 | 1340 | 5980 | 0.02 | 0.002 | 0.005 | 34.6 | 100   | 0.01   | 1.450 | 0.073 | 19.8 | 0.0002 | 0.002 | 320   | 0.005 |
| 12/28/1999 | 13:45 | 6.6   | 7.6      | 1500       | 7   | 1.14 | 616  | 1   |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |
| 9/22/1999  | 3:14  | 6.3   | 7.6      | 1500       | 0   |      |      |     |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |
| 6/29/1999  | 8:15  | 6.6   | 7.7      | 1400       | 0   | 0.57 | 786  | 1   | 8.16 | 1970  | 163  | 0.03    | 283 | 1110 | 2875 | 0.02 | 0.005 | 0.005 | 15.8 | 41.8  | 0.01   | 0.088 | 0.706 | 9.9  | 0.0002 | 0.002 | 280   | 0.005 |
| 3/28/1999  | 7:28  | 6.5   | 7.8      | 1200       | 8   |      |      |     |      |       |      |         |     |      |      |      |       |       |      |       |        |       |       |      |        |       |       |       |

**EC-14 WELL**  
**UPPER ELK CREEK CANYON**  
**ALLUVIUM / COLLUVIUM**

# MONITORING CHART FOF2024 AHR

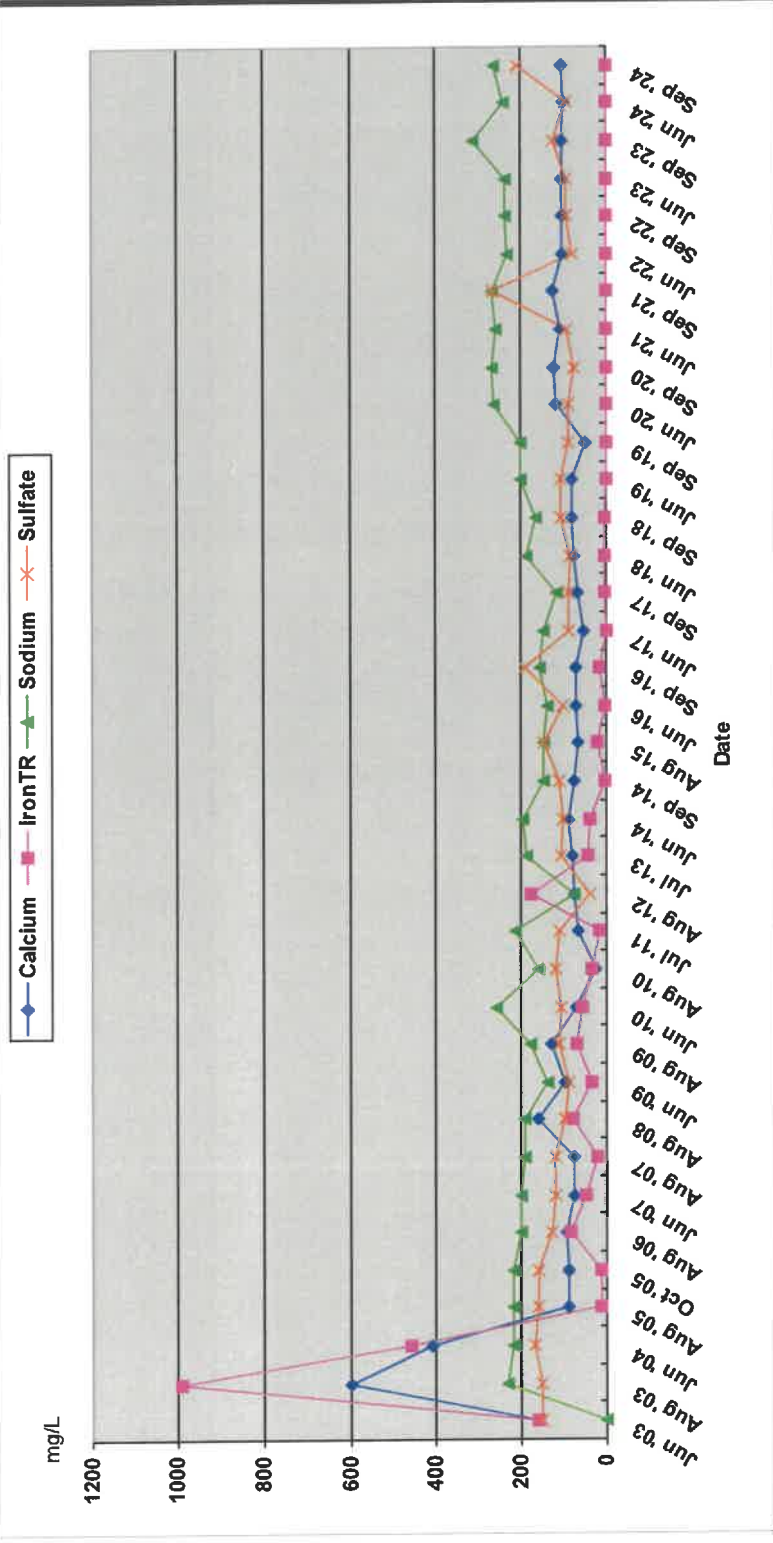
GROUND WATER LOCATION: EC-14



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

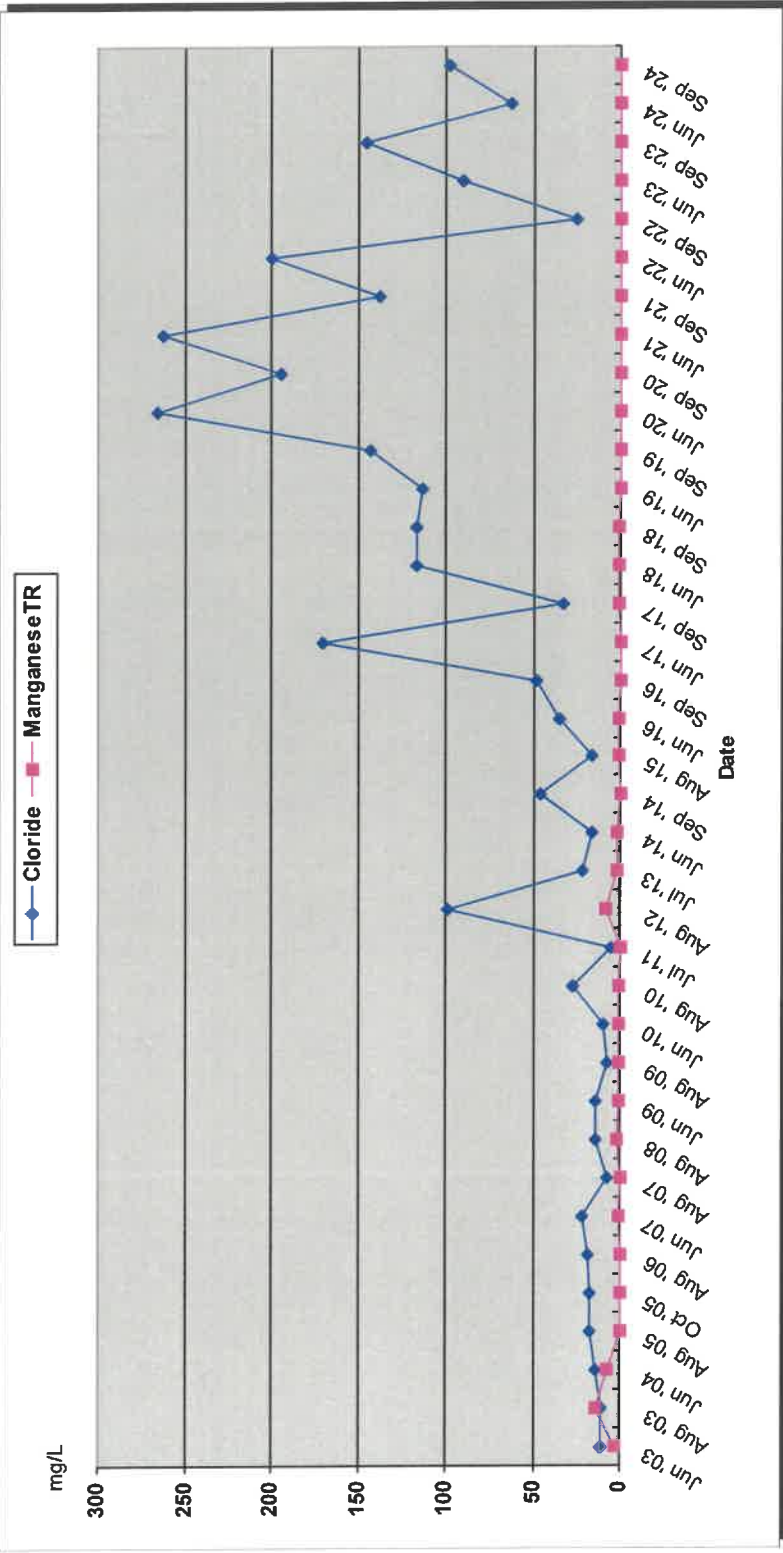
# MONITORING CHART FOF2024 AHR

GROUND WATER LOCATION: EC-14



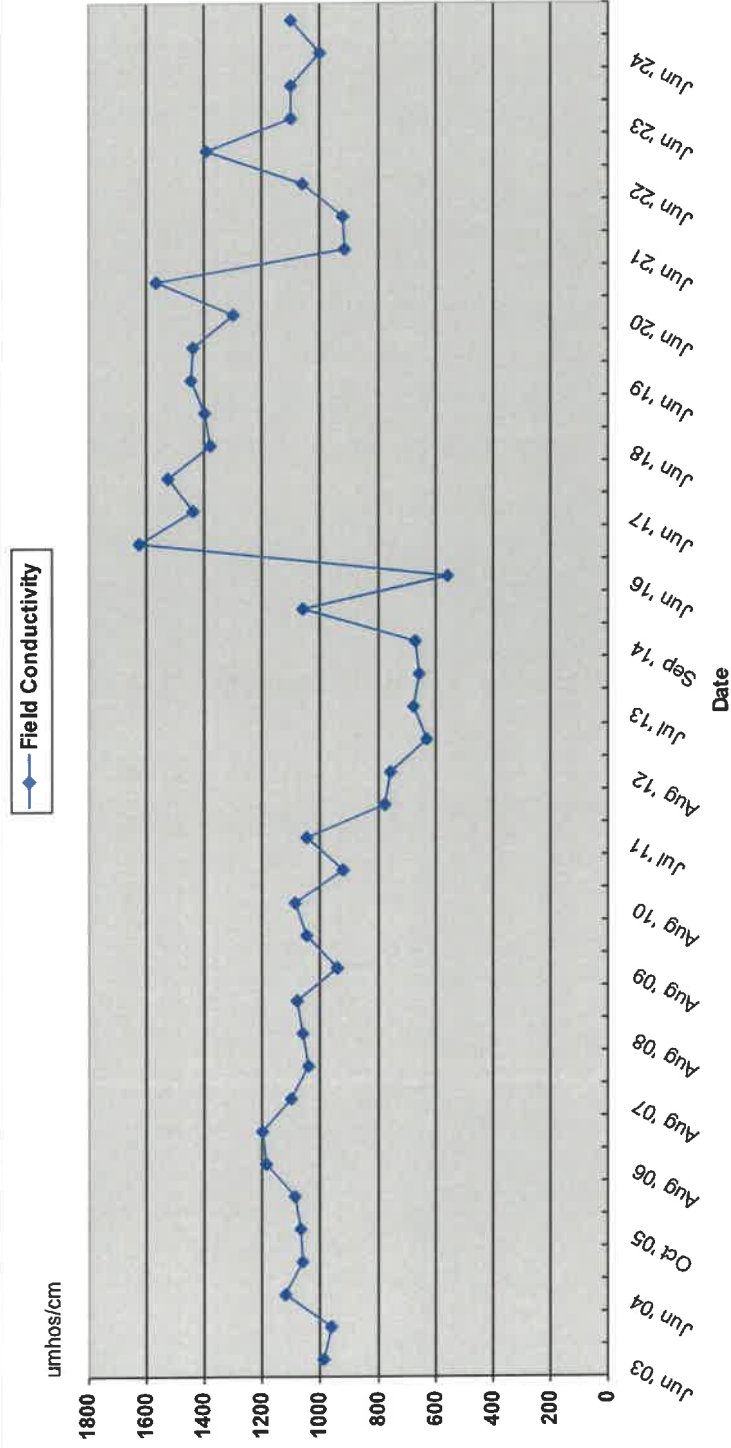
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: EC-14



# MONITORING CHART FOR 2024 AHR

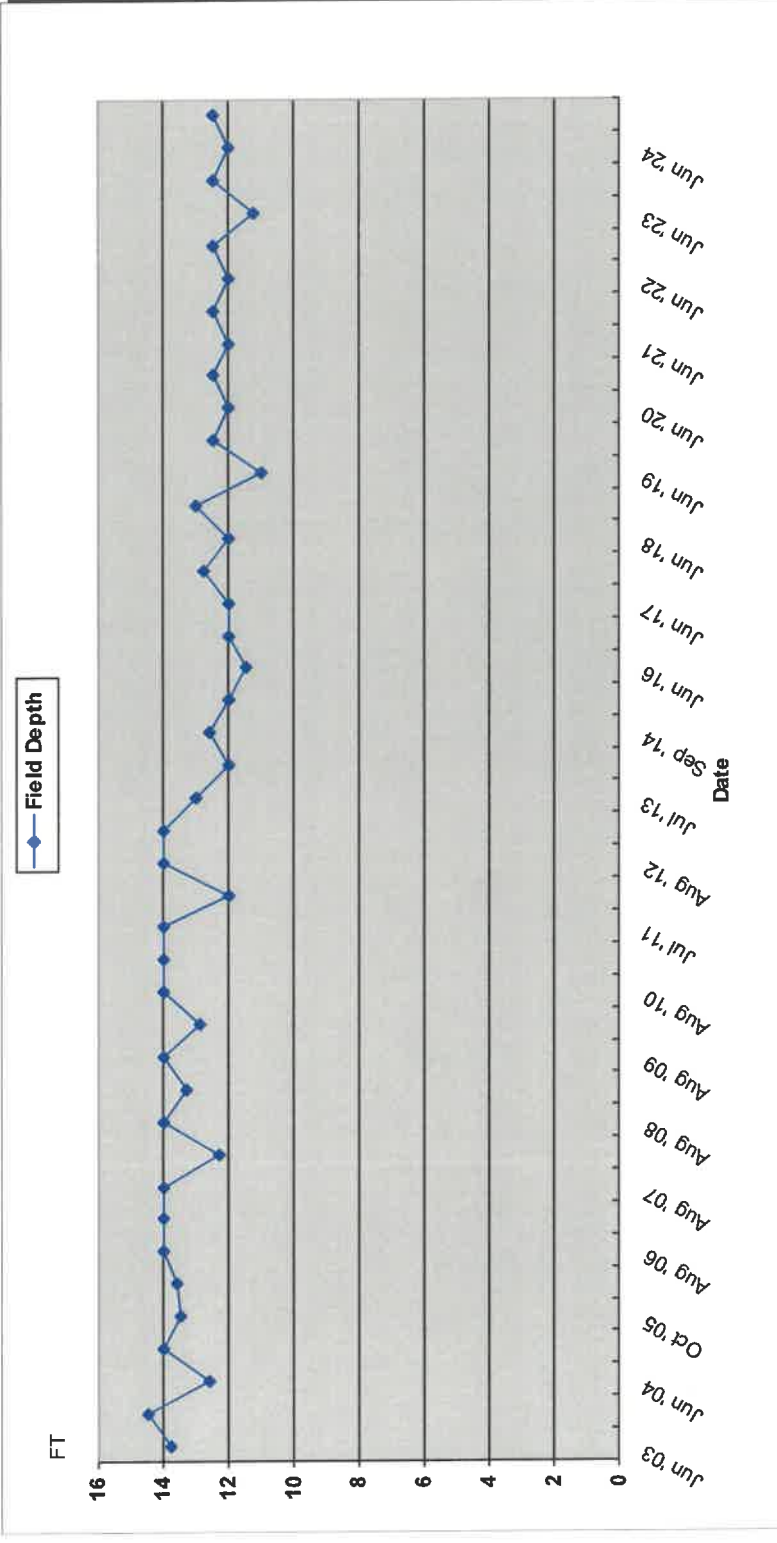
GROUND WATER LOCATION: EC-14



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

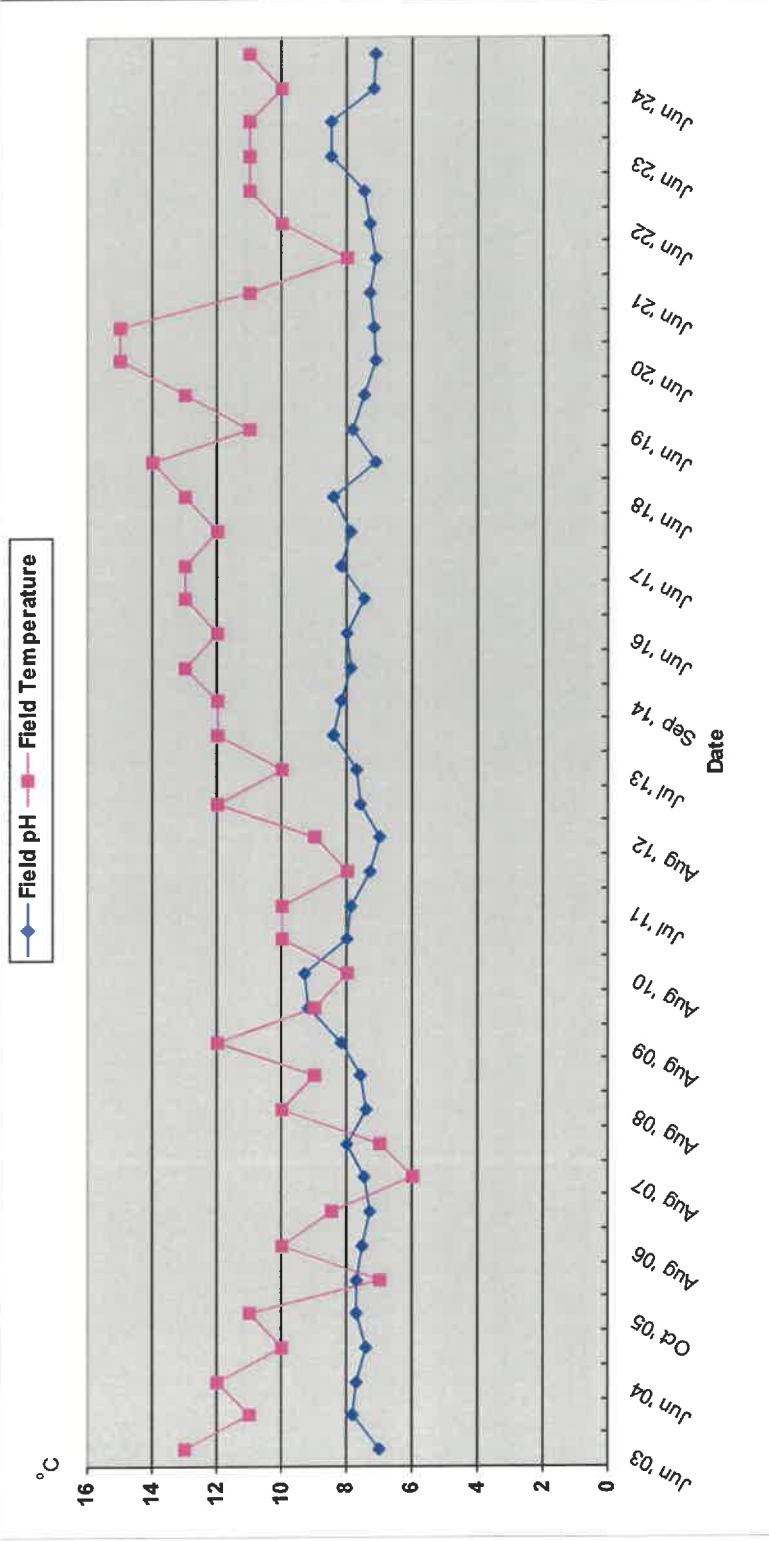
# MONITORING CHART FOI2024 AHR

GROUND WATER LOCATION: EC-14



# MONITORING CHART FOR 2024 AHR

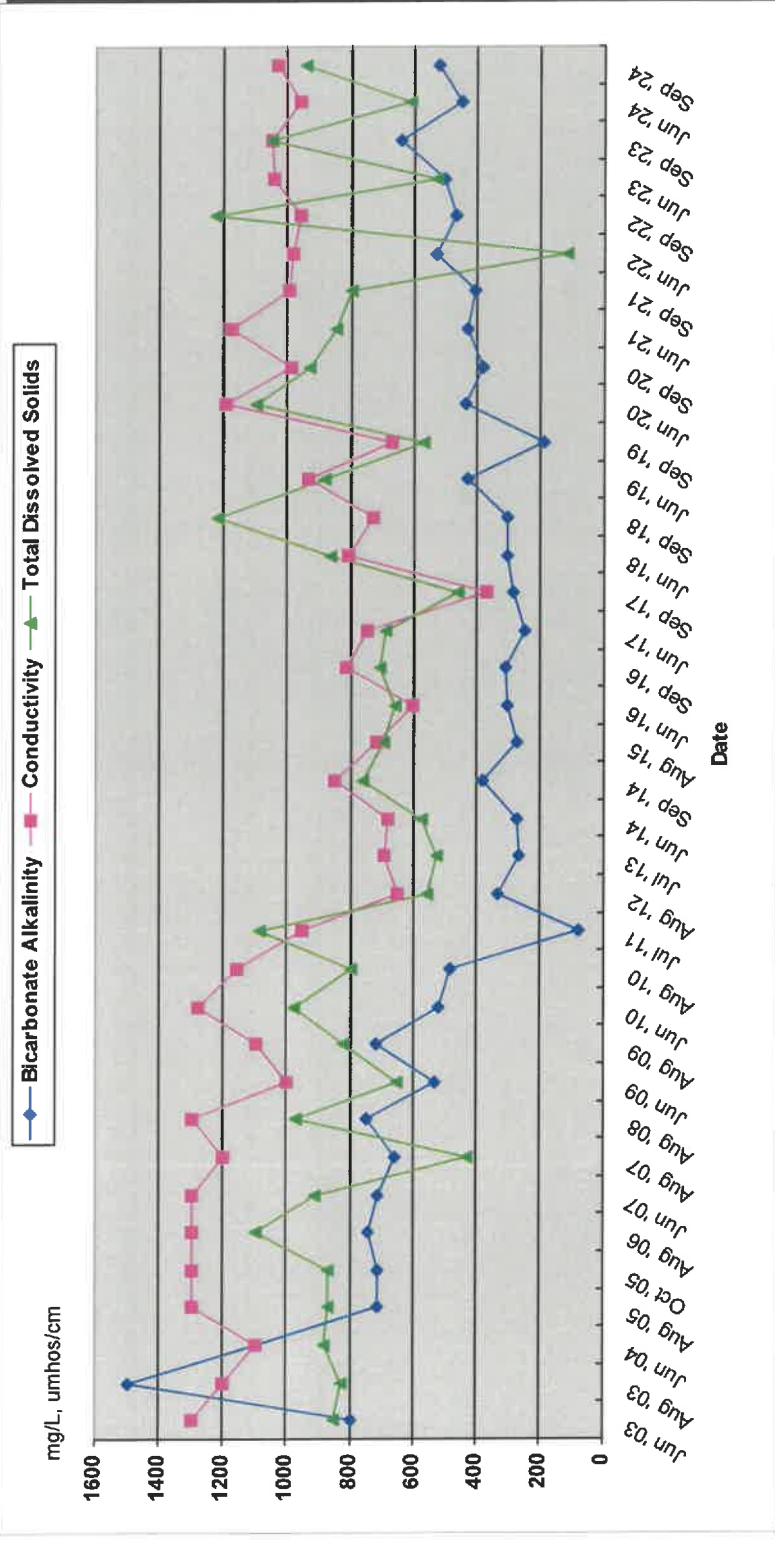
GROUND WATER LOCATION: EC-14



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

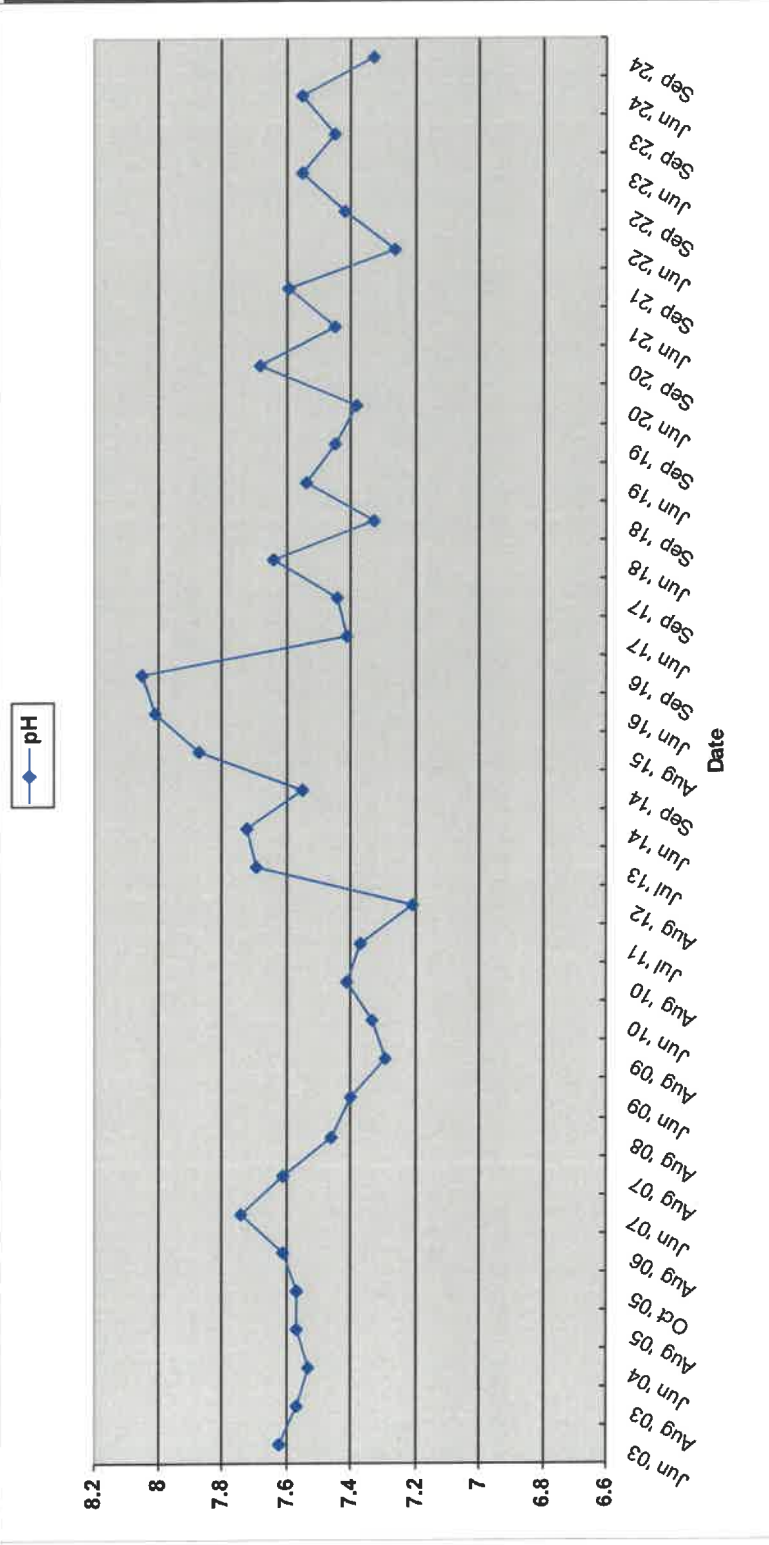
GROUND WATER LOCATION: EC-14



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

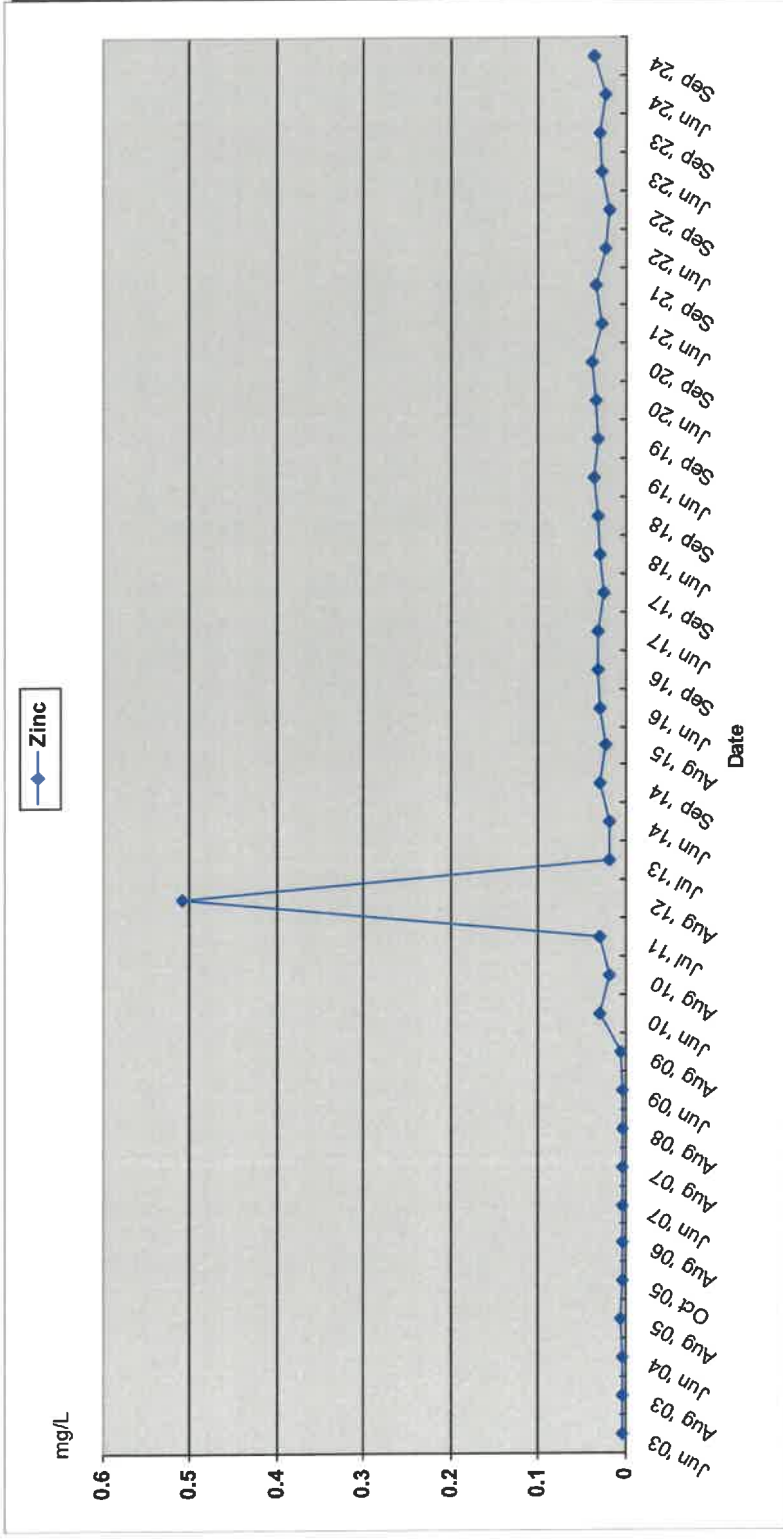
# MONITORING CHART FOI2024 AHR

GROUND WATER LOCATION: EC-14



# MONITORING CHART FOF2024 AHR

GROUND WATER LOCATION: EC-14



# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: EC-14

| Date      | Time  | DEPTH | Field pH | Field Cond | Temp | NH3   | HCO3   | CO3 | pH   | Cond | Cl     | NO3/NO2 | SO4    | TDS  | TSS | PO4  | As    | Cd    | Ca    | Fe-Tr | Fe-DiS | Mnd   | Mntr  | Mg | Hg | Se    | Na    | Zn |
|-----------|-------|-------|----------|------------|------|-------|--------|-----|------|------|--------|---------|--------|------|-----|------|-------|-------|-------|-------|--------|-------|-------|----|----|-------|-------|----|
| 9/23/2024 | 12:10 | 12.5  | 7.1      | 1100       | 11   | 0.012 | 521.6  | 0   | 7.33 | 1030 | 97.47  | 0.08    | 208.66 | 942  |     | 0.08 | 0.002 | 0.01  | 103.1 | 1.013 | 0.033  | 0.084 | 0.167 |    |    | 261   | 0.038 |    |
| 6/24/2024 | 12:45 | 12    | 7.2      | 1000       | 10   | 0.036 | 446.4  | 0   | 7.55 | 963  | 62.48  | 0.08    | 95.9   | 612  |     | 0.08 | 0.002 | 0.01  | 98.3  | 0.964 | 0.029  | 0.079 | 0.132 |    |    | 240   | 0.025 |    |
| 9/25/2023 | 12:30 | 12.5  | 8.5      | 1100       | 11   | 0.31  | 641.6  | 0   | 7.45 | 1053 | 144.98 | 0.108   | 124.3  | 1053 |     | 0    | 0.002 | 0.01  | 103.9 | 1.085 | 0.035  | 0.091 | 0.108 |    |    | 314   | 0.031 |    |
| 8/29/2023 | 10:50 | 11.25 | 8.5      | 1100       | 11   | 0.082 | 500.8  | 0   | 7.55 | 1042 | 89.97  | 0.095   | 95.08  | 526  |     | 0    | 0.002 | 0.01  | 104.7 | 1.07  | 0.033  | 0.088 | 0.142 |    |    | 238   | 0.028 |    |
| 9/19/2022 | 12:00 | 12.5  | 7.5      | 1395       | 11   | 0.024 | 487    | 0   | 7.42 | 980  | 24.99  | 0.02    | 93.43  | 1224 |     | 0    | 0.002 | 0.01  | 102.8 | 0.956 | 0.028  | 0.080 | 0.118 |    |    | 236   | 0.019 |    |
| 6/27/2022 | 10:20 | 12    | 7.3      | 1065       | 10   | 0.093 | 523    | 0   | 7.26 | 983  | 200    | 0.038   | 80.67  | 112  |     | 0    | 0.002 | 0.01  | 101.3 | 0.944 | 0.032  | 0.078 | 0.123 |    |    | 231   | 0.024 |    |
| 9/27/2021 | 12:15 | 12.5  | 7.1      | 920        | 8    | 0.215 | 408    | 0   | 7.59 | 995  | 137.47 | 0.072   | 287.26 | 798  |     | 0    | 0.002 | 0.01  | 123.5 | 1.38  | 0.122  | 0.108 | 0.158 |    |    | 286   | 0.038 |    |
| 6/21/2021 | 12:15 | 12    | 7.3      | 915        | 11   | 0.133 | 428    | 0   | 7.45 | 1179 | 282.38 | 0.033   | 93.02  | 846  |     | 0    | 0.002 | 0.01  | 108.2 | 1.09  | 0.116  | 0.095 | 0.146 |    |    | 259   | 0.029 |    |
| 9/16/2020 | 13:30 | 12.5  | 7.2      | 1570       | 15   | 0.189 | 380    | 0   | 7.68 | 989  | 194.98 | 0.018   | 76.56  | 932  |     | 0    | 0.002 | 0.01  | 121.3 | 1.16  | 0.119  | 0.068 | 0.164 |    |    | 289   | 0.039 |    |
| 6/16/2020 | 12:30 | 12    | 7.1      | 1300       | 15   | 0.112 | 432    | 0   | 7.38 | 1196 | 285.88 | 0.028   | 87.87  | 1086 |     | 0    | 0.002 | 0.01  | 116.3 | 1.28  | 0.112  | 0.101 | 0.178 |    |    | 263   | 0.035 |    |
| 9/23/2019 | 13:15 | 12.5  | 7.5      | 1440       | 13   | 0.073 | 190    | 0   | 7.45 | 871  | 142.7  | 0.08    | 87.28  | 566  |     | 0    | 0.002 | 0.01  | 48.3  | 1.34  | 0.123  | 0.082 | 0.138 |    |    | 202   | 0.033 |    |
| 6/24/2019 | 12:30 | 11    | 7.8      | 1450       | 11   | 0.096 | 428    | 0   | 7.54 | 938  | 113.68 | 0.12    | 105.55 | 882  |     | 0    | 0.002 | 0.01  | 81.3  | 1.87  | 0.154  | 0.084 | 0.168 |    |    | 202   | 0.038 |    |
| 9/17/2018 | 11:45 | 13    | 7.1      | 1400       | 14   | 0.078 | 301.25 | 0   | 7.33 | 732  | 116.78 | 0.18    | 104.98 | 1222 |     | 0    | 0.002 | 0.01  | 79.2  | 3.03  | 0.038  | 0.038 | 0.751 |    |    | 164   | 0.033 |    |
| 8/19/2018 | 12:15 | 12    | 8.4      | 1380       | 13   | 0.082 | 303.24 | 0   | 7.84 | 812  | 116.78 | 0.29    | 83.55  | 881  |     | 0    | 0.002 | 0.01  | 77.5  | 3.87  | 0.049  | 0.042 | 1.005 |    |    | 187   | 0.031 |    |
| 9/13/2017 | 12:05 | 12.75 | 7.9      | 1530       | 12   | 0.077 | 283.33 | 0   | 7.44 | 370  | 32.94  | 0.21    | 88.91  | 480  |     | 0    | 0.002 | 0.01  | 67.3  | 3.18  | 0.39   | 0.038 | 0.88  |    |    | 117   | 0.027 |    |
| 6/27/2017 | 11:00 | 12    | 8.2      | 1440       | 13   | 0.064 | 245.36 | 0   | 7.41 | 748  | 170.43 | 0.19    | 87.43  | 888  |     | 0    | 0.002 | 0.01  | 51.8  | 2.23  | 0.203  | 0.088 | 0.129 |    |    | 149   | 0.033 |    |
| 9/28/2016 | 12:00 | 12    | 7.5      | 1630       | 13   | 0.078 | 309.37 | 0   | 8.05 | 817  | 48.39  | 0.29    | 193.45 | 708  |     | 0    | 0.002 | 0.01  | 72.3  | 18.5  | 0.247  | 0.092 | 0.354 |    |    | 155   | 0.033 |    |
| 6/20/2016 | 9:45  | 11.5  | 8        | 580        | 12   | 0.078 | 302.28 | 0   | 8.01 | 605  | 35.45  | 0.22    | 103.72 | 656  |     | 0    | 0.002 | 0.01  | 71.3  | 5.43  | 0.041  | 0.052 | 1.13  |    |    | 139   | 0.031 |    |
| 8/19/2015 | 10:45 | 12    | 7.9      | 1060       | 13   | 0.082 | 269.43 | 0   | 7.87 | 719  | 18.44  | 0.38    | 145.96 | 894  |     | 0    | 0.003 | 0.01  | 69.1  | 22.8  | 0.049  | 0.042 | 1.64  |    |    | 148   | 0.025 |    |
| 9/11/2014 | 9:00  | 12.6  | 8.2      | 670        | 12   | 0.104 | 379    | 0   | 7.55 | 854  | 46.12  | 0.4     | 111.9  | 783  |     | 0    | 0.003 | 0.01  | 77.6  | 6.42  | 0.09   | 0.010 | 0.17  |    |    | 145.2 | 0.03  |    |
| 6/25/2014 | 9:00  | 12    | 8.4      | 880        | 12   | 0.091 | 271    | 0   | 7.72 | 680  | 18.4   | 0.51    | 103.58 | 572  |     | 0    | 0.005 | 0.01  | 88.6  | 39.7  | 0.046  | 0.046 | 1.97  |    |    | 187   | 0.019 |    |
| 7/18/2013 | 12:00 | 13    | 7.7      | 880        | 10   | 0.088 | 287.18 | 0   | 7.89 | 694  | 22.13  | 0.48    | 108.38 | 527  |     | 0.08 | 0.006 | 0.01  | 81.3  | 44.8  | 0.038  | 0.050 | 2.62  |    |    | 188.3 | 0.02  |    |
| 6/18/2013 | 12:00 | 14    | 7.8      | 830        | 12   |       |        |     |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    | 76.2  | 0.51  |    |
| 8/22/2012 | 13:30 | 14    | 7        | 780        | 9    | 0.22  | 333.4  | 0   | 7.21 | 650  | 98.51  | 0.41    | 38.87  | 556  |     | 0.08 | 0.003 | 0.01  | 75.2  | 180   | 0.04   | 0.010 | 8.88  |    |    |       |       |    |
| 8/19/2012 | 13:30 | 12    | 7.3      | 780        | 8    |       |        |     |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    | 212   | 0.03  |    |
| 7/26/2011 | 9:00  | 14    | 7.9      | 1050       | 10   | 0.12  | 80.31  | 0   | 7.37 | 955  | 4.86   | 0.19    | 112.38 | 1088 |     | 0.08 | 0.01  | 68.1  | 17.88 | 0.14  | 0.010  | 0.46  |       |    |    |       |       |    |
| 6/23/2011 | 9:00  | 14    | 8        | 920        | 10   |       |        |     |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |       |       |    |
| 8/5/2010  | 8:45  | 14    | 9.3      | 1090       | 8    | 0.02  | 484.84 | 0   | 7.41 | 1161 | 27.23  | 1.46    | 120.19 | 798  |     | 0.08 | 0.007 | 0.01  | 25.06 | 36.8  | 0.02   | 0.010 | 1.18  |    |    | 180   | 0.02  |    |
| 6/15/2010 | 8:30  | 12.9  | 9.2      | 1050       | 9    | 0.124 | 518.57 | 0   | 7.33 | 1277 | 9.43   | 9.97    | 109.07 | 980  |     | 0    | 0.072 | 0.006 | 70.6  | 56.5  | 0.42   | 0.003 | 1.16  |    |    | 258.8 | 0.03  |    |
| 8/4/2009  | 14:00 | 14    | 8.2      | 940        | 12   | 0.2   | 720    | 1   | 7.29 | 1100 | 8      | 0.05    | 110    | 820  |     | 0.01 | 0.002 | 0.005 | 130   | 72    | 0.01   | 0.008 | 1.5   |    |    | 180   | 0.007 |    |
| 6/17/2009 | 14:00 | 13.3  | 7.6      | 1080       | 9    | 0.05  | 530    | 1   | 7.40 | 1000 | 14     | 0.02    | 88     | 850  |     | 0.01 | 0.01  | 0.005 | 100   | 34    | 0.03   | 0.005 | 0.749 |    |    | 140   | 0.005 |    |
| 8/11/2008 | 9:00  | 14    | 7.4      | 1060       | 10   | 0.52  | 750    | 1   | 7.46 | 1300 | 14     | 0.02    | 100    | 970  |     | 0.02 | 0.01  | 0.005 | 180   | 82    | 0.01   | 0.031 | 2.3   |    |    | 190   | 0.005 |    |
| 6/18/2008 | 14:00 | 12.3  | 8        | 1040       | 7    |       |        |     |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |       |       |    |

# MONITORING DATA FOR 2024 AHR

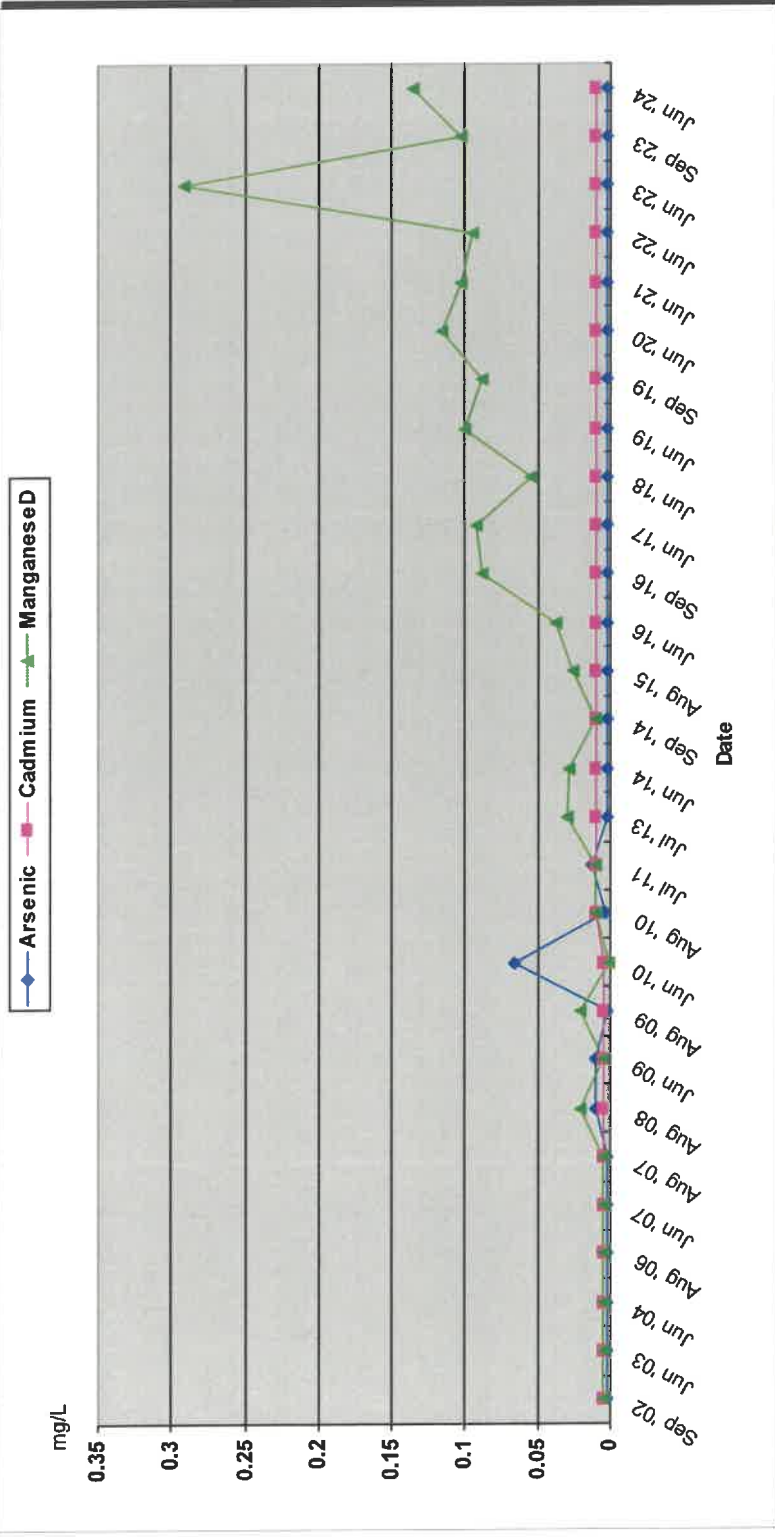
GROUNDWATER LOCATION: EC-14

| Date       | Time  | DEPTH | Field pH | Field Cond | Tem | NH3  | HCO3 | CO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TDS  | TSS  | PO4   | As    | Cd  | Ca  | Fe-Tr | Fe-Dis | Mnd   | Mntr | Mg | Hg | Se | Na    | Zn    |
|------------|-------|-------|----------|------------|-----|------|------|-----|------|------|----|---------|-----|------|------|-------|-------|-----|-----|-------|--------|-------|------|----|----|----|-------|-------|
| 8/2/2007   | 14:00 | 14    | 7.48     | 1100       | 6   | 0.33 | 680  | 1   | 7.61 | 1200 | 8  | 0.02    | 120 | 430  | 0.01 | 0.002 | 0.005 | 78  | 22  | 0.01  | 0.005  | 0.316 |      |    |    |    | 190   | 0.005 |
| 8/19/2007  | 14:00 | 14    | 7.32     | 1200       | 8.5 | 0.46 | 710  | 1   | 7.74 | 1300 | 22 | 0.02    | 120 | 810  | 0.11 | 0.002 | 0.005 | 77  | 48  | 0.01  | 0.005  | 0.571 |      |    |    |    | 200   | 0.005 |
| 8/10/2006  | 14:00 | 14    | 7.53     | 1190       | 10  | 0.2  | 740  |     | 7.61 | 1300 | 19 | 0.08    | 130 | 1100 | 0.01 | 0.002 | 0.005 | 84  | 85  | 0.01  | 0.005  | 0     |      |    |    |    | 200   | 0.005 |
| 6/9/2006   | 12:00 | 13.8  | 7.68     | 1090       | 7   |      |      |     |      |      |    |         |     |      |      |       |       |     |     |       |        |       |      |    |    |    |       |       |
| 10/17/2005 | 14:00 | 13.5  | 7.89     | 1070       | 11  | 0.37 | 710  | 1   | 7.57 | 1300 | 18 | 0.61    | 160 | 870  | 0.01 | 0.002 | 0.005 | 90  | 12  | 0.01  | 0.005  | 0.38  |      |    |    |    | 220   | 0.005 |
| 8/5/2005   | 10:00 | 14    | 7.4      | 1060       | 10  |      | 710  |     | 7.57 | 1300 | 18 |         | 160 | 870  | 0.01 | 0.002 | 0.005 | 90  | 12  | 0.01  | 0.005  | 0.38  |      |    |    |    | 220   | 0.008 |
| 6/22/2004  | 14:00 | 12.6  | 7.68     | 1120       | 12  | 0.55 | 1100 | 1   | 7.53 | 1100 | 14 | 0.02    | 170 | 890  | 0.01 | 0.002 | 0.005 | 410 | 460 | 0.01  | 0.005  | 8     |      |    |    |    | 220   | 0.005 |
| 8/26/2003  | 14:00 | 14.5  | 7.85     | 960        | 11  | 0.05 | 1500 | 1   | 7.57 | 1200 | 11 | 0.1     | 150 | 830  | 0.01 | 0.002 | 0.005 | 600 | 990 | 0.04  | 0.011  | 14    |      |    |    |    | 230   | 0.005 |
| 6/17/2003  | 14:00 | 13.75 | 7.02     | 890        | 13  | 0.05 | 800  | 1   | 7.52 | 1300 | 11 | 0.11    | 150 | 850  | 0.01 | 0.002 | 0.005 | 160 | 160 | 0.02  | 0.032  | 2.8   |      |    |    |    | 0.032 | 0.005 |

EC-15 WELL  
MID ELK CREEK CANYON  
ALLUVIUM / COLLUVIUM

# MONITORING CHART FOR 2024 AHR

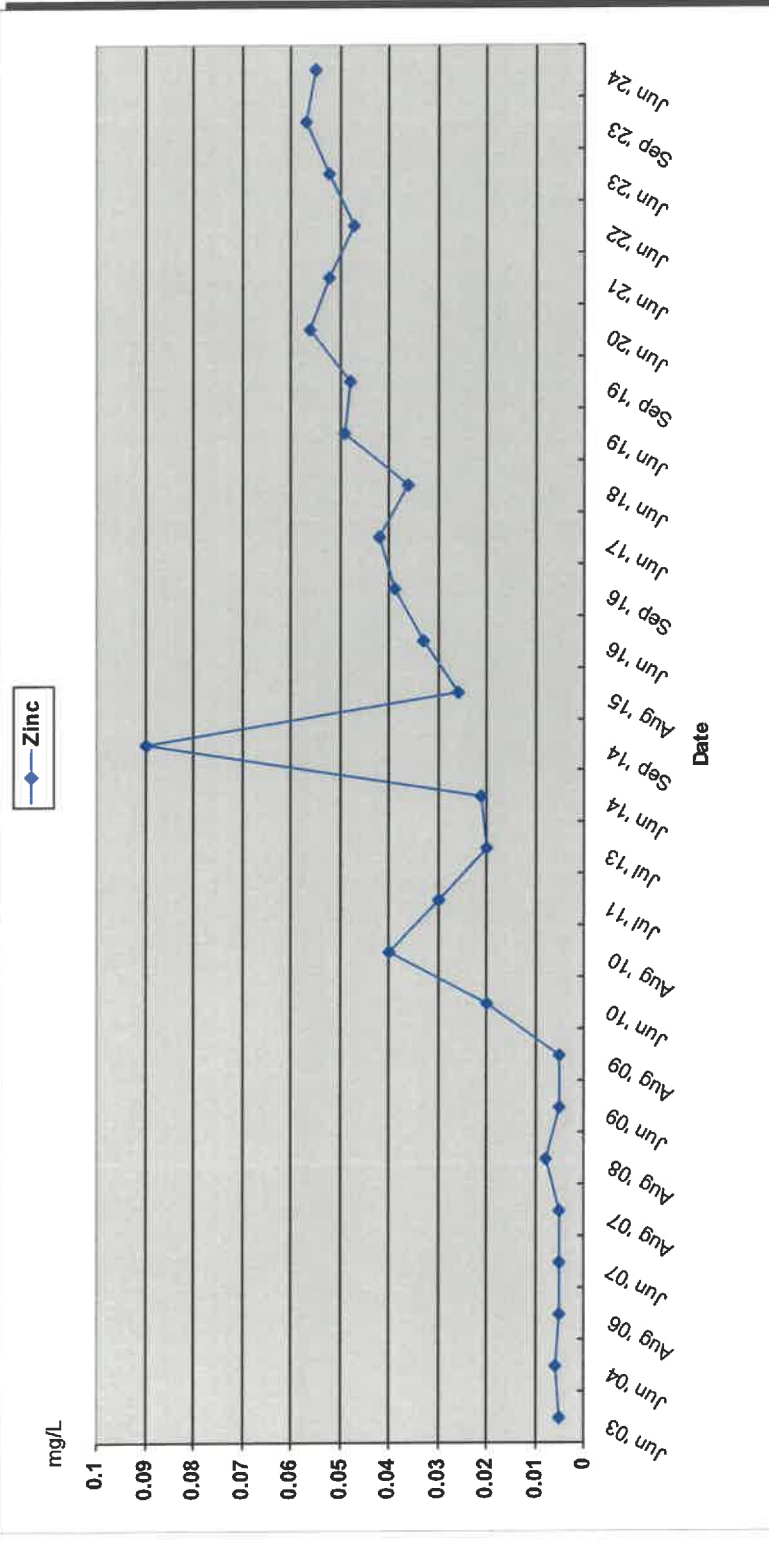
GROUND WATER LOCATION: EC-15



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

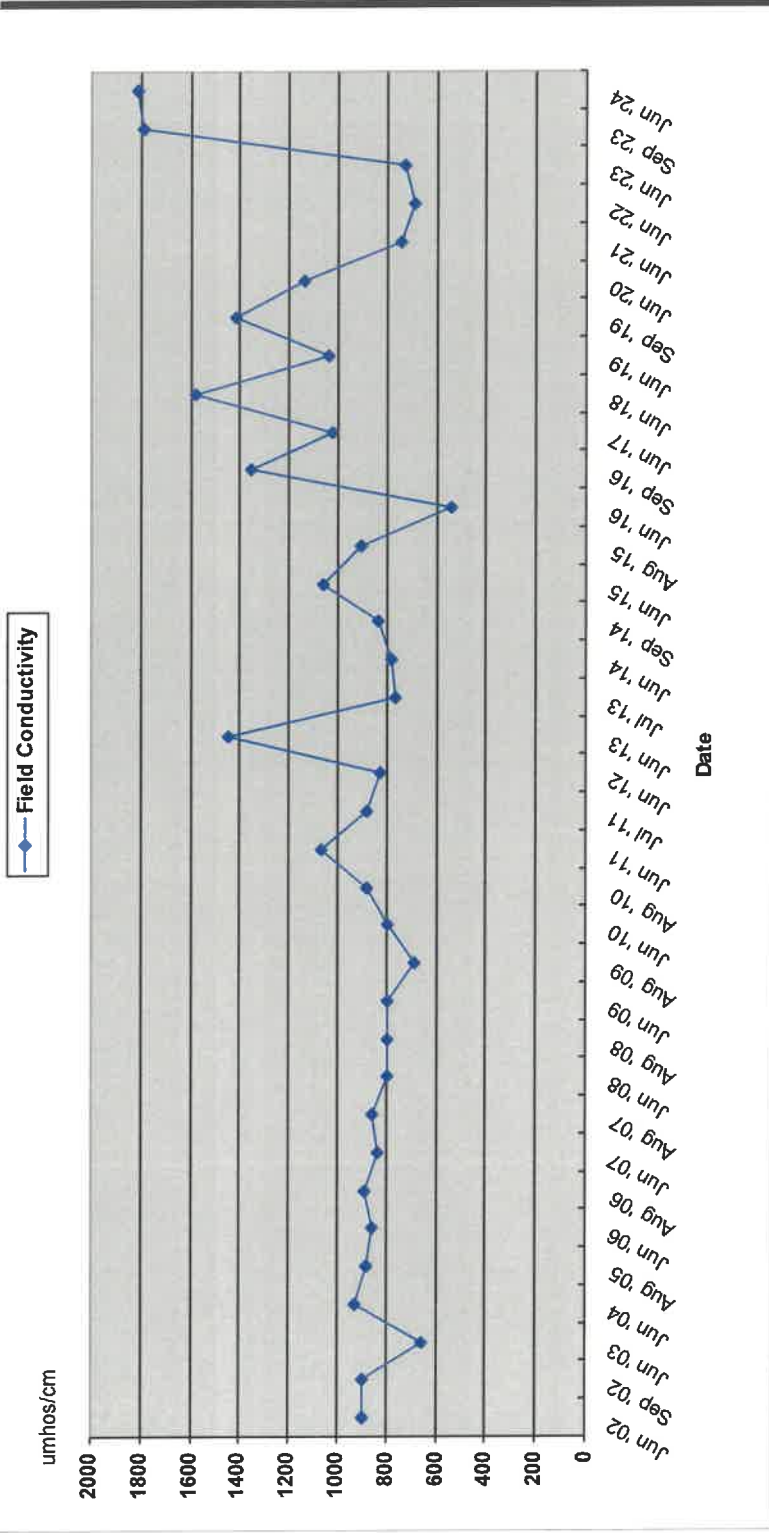
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: EC-15



# MONITORING CHART FOR 2024 AHR

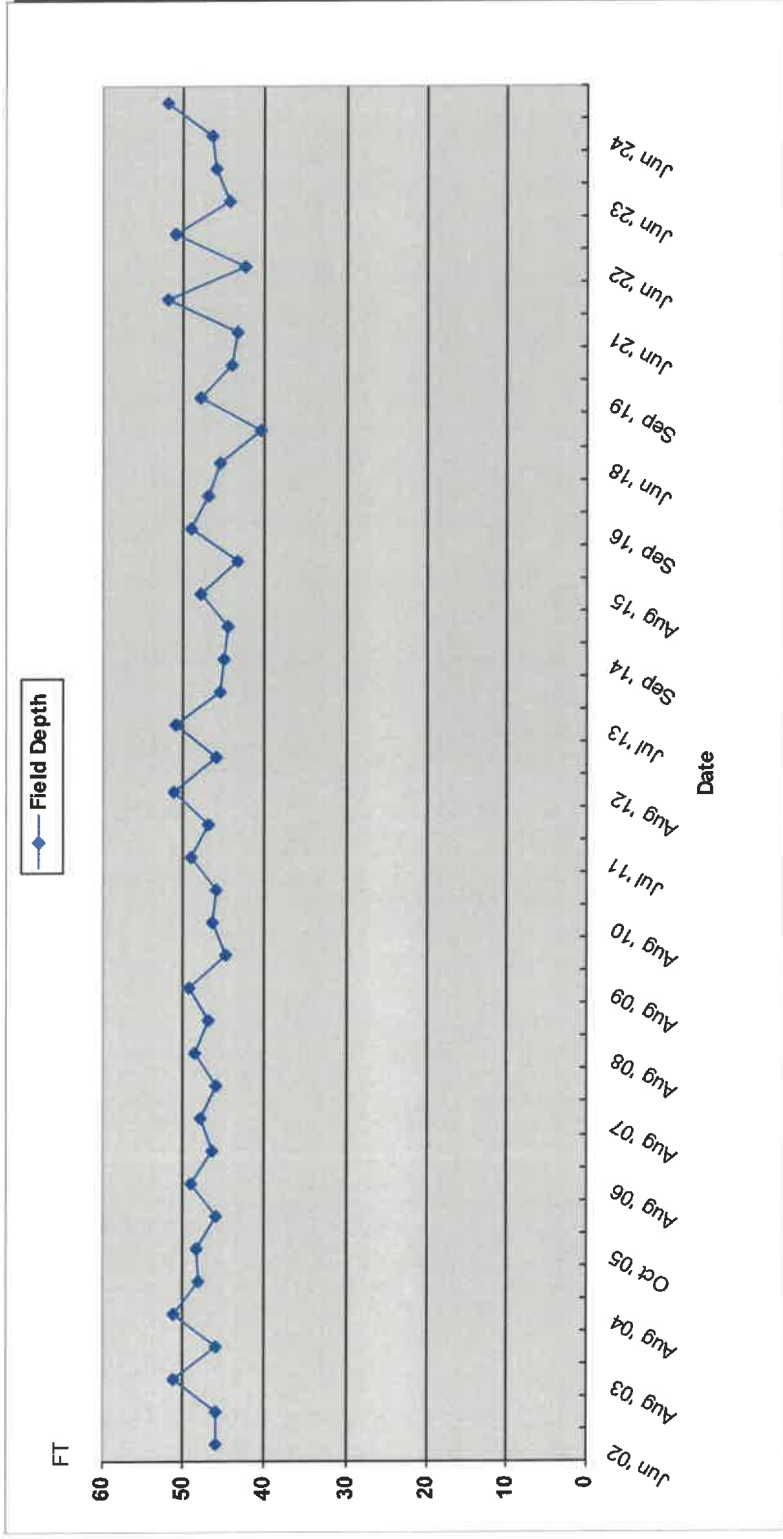
GROUND WATER LOCATION: EC-15



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

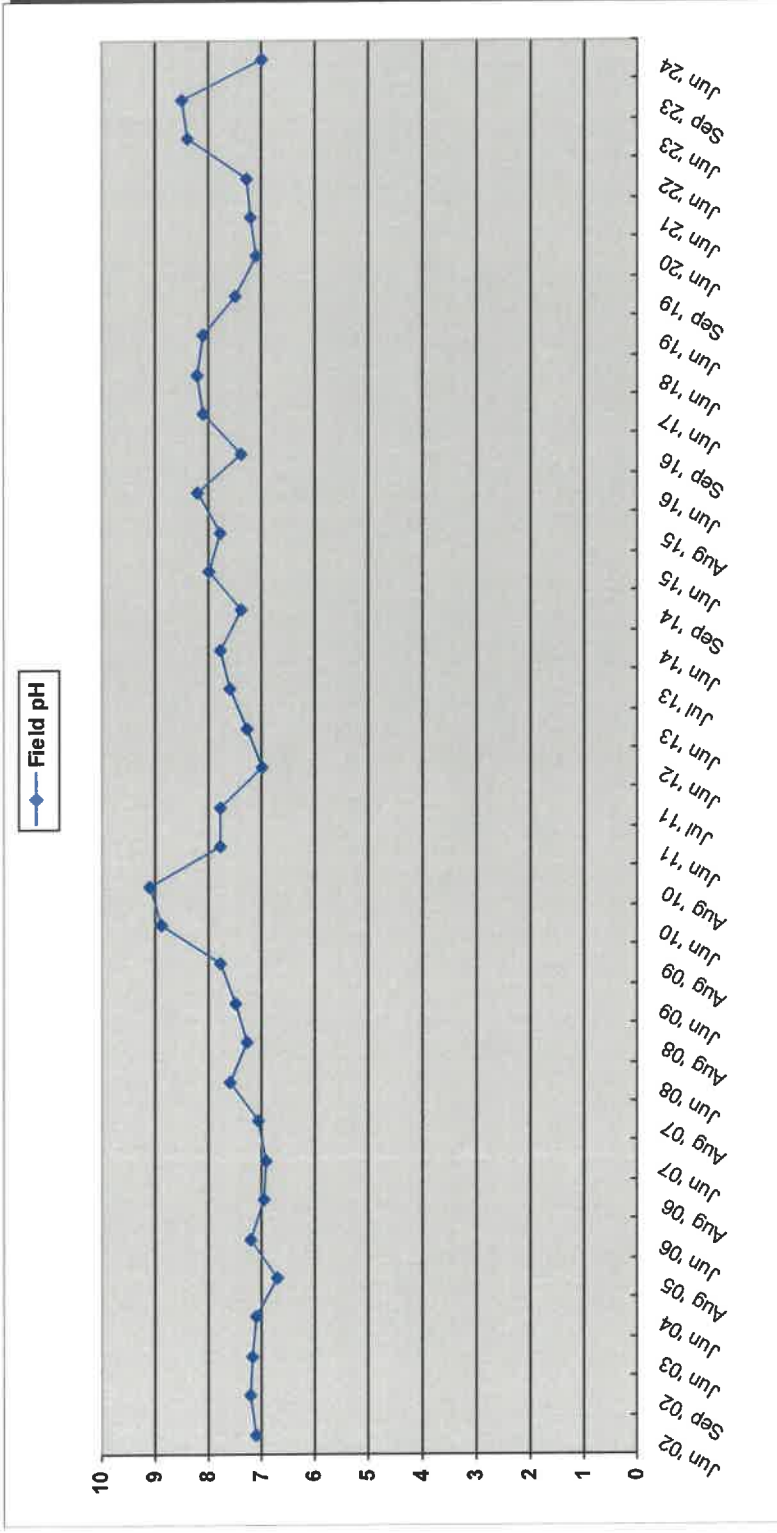
GROUND WATER LOCATION: EC-15



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOI 2024 AHR

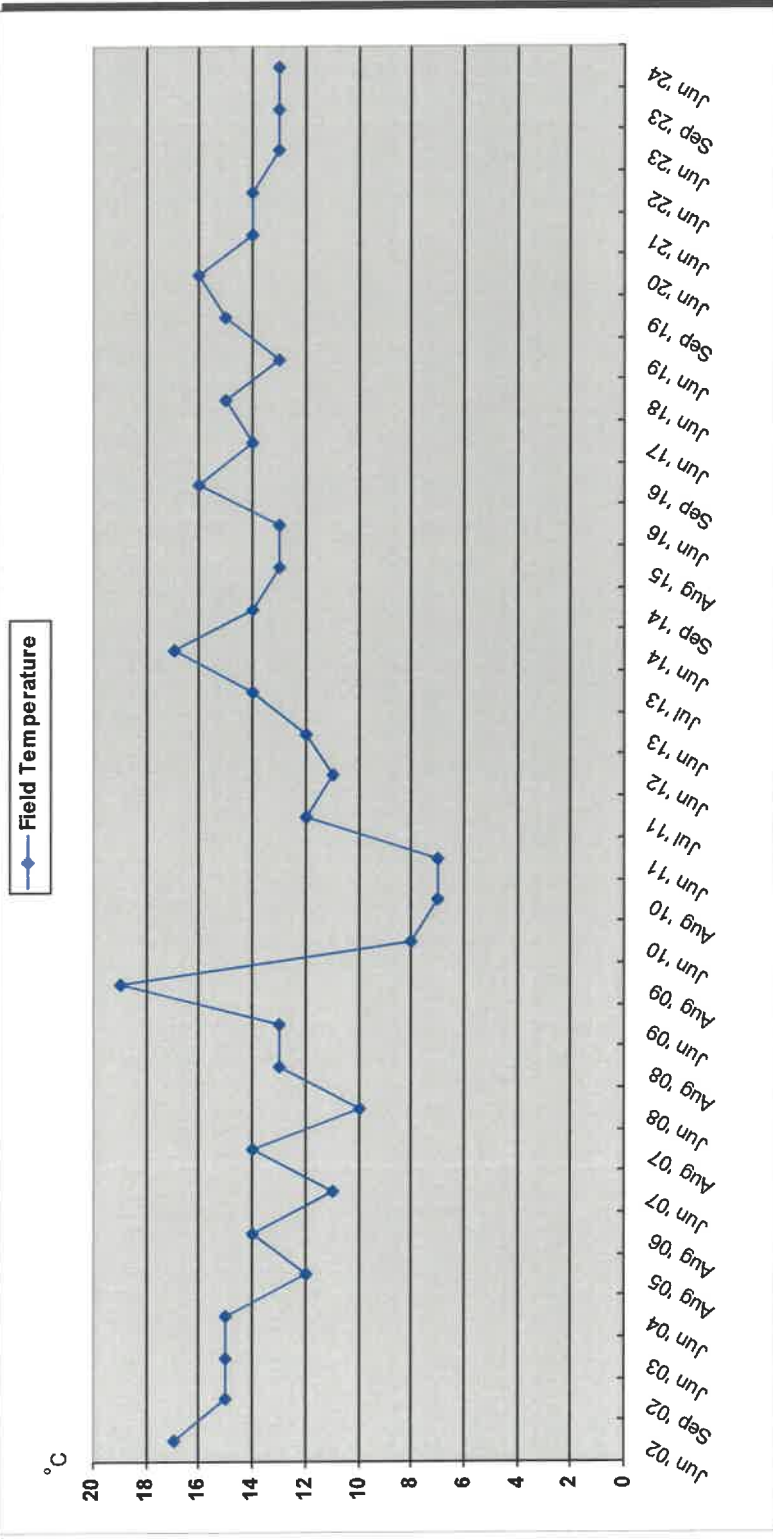
GROUND WATER LOCATION: EC-15



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

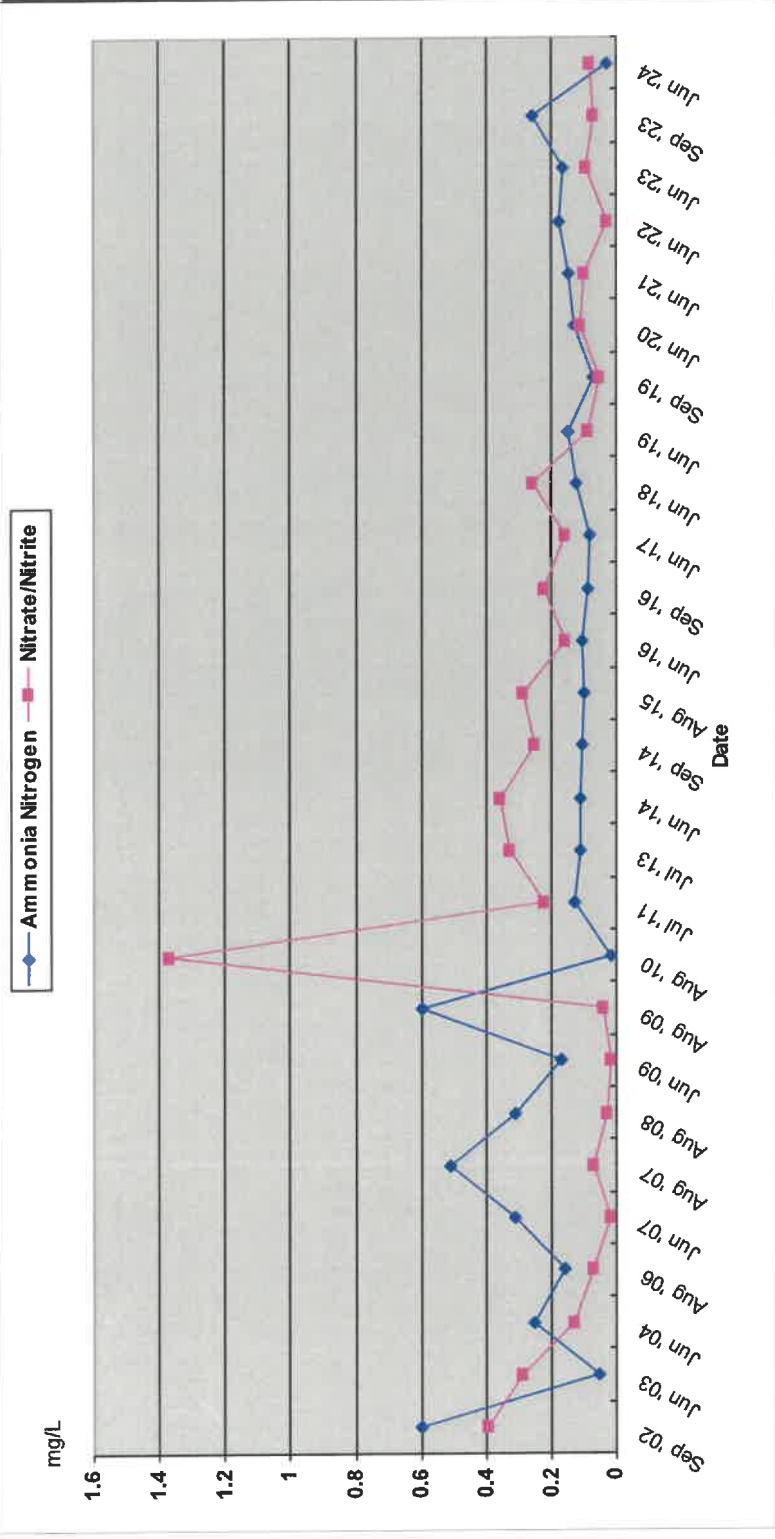
GROUND WATER LOCATION: EC-15



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

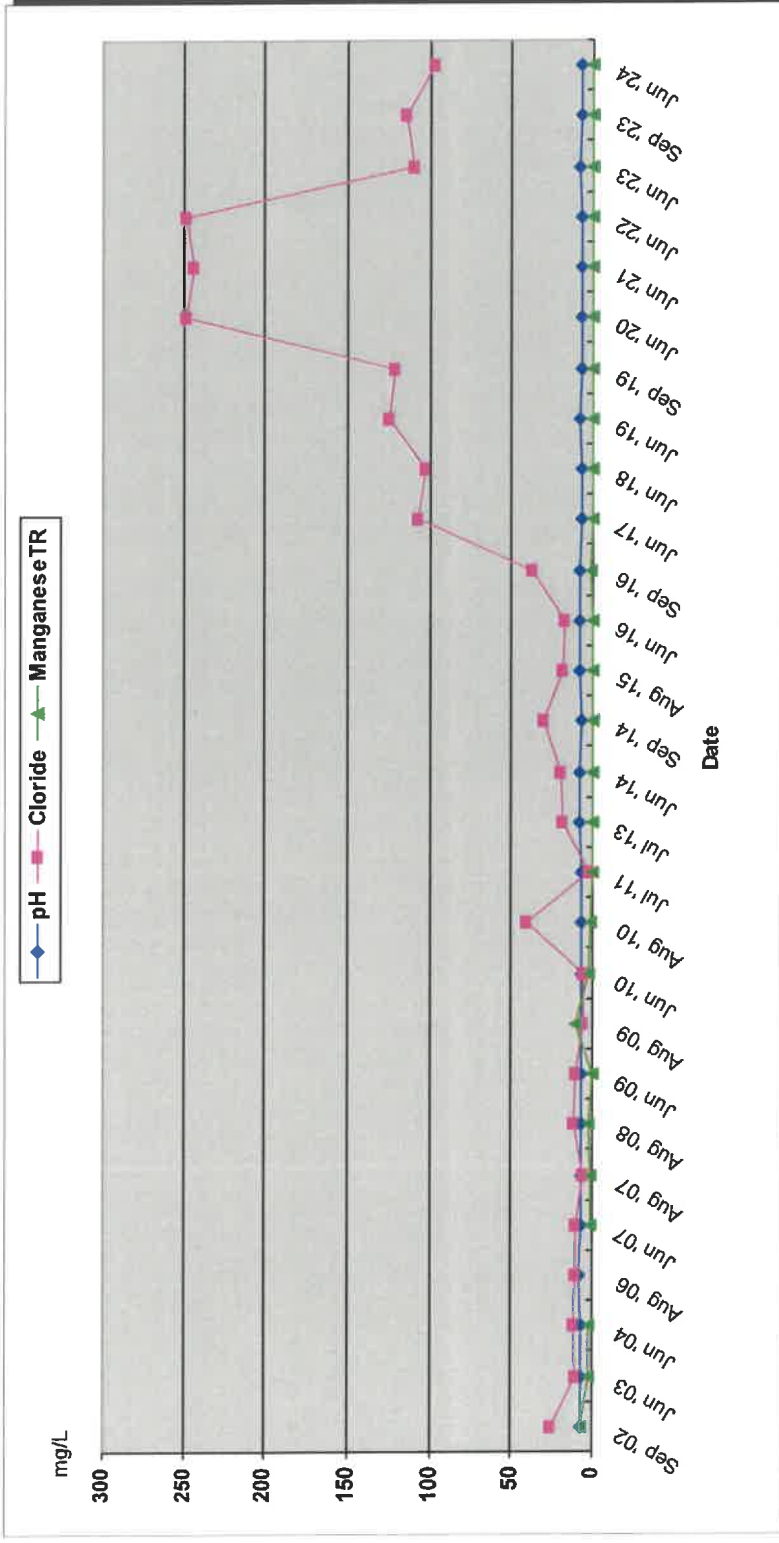
GROUND WATER LOCATION: EC-15



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

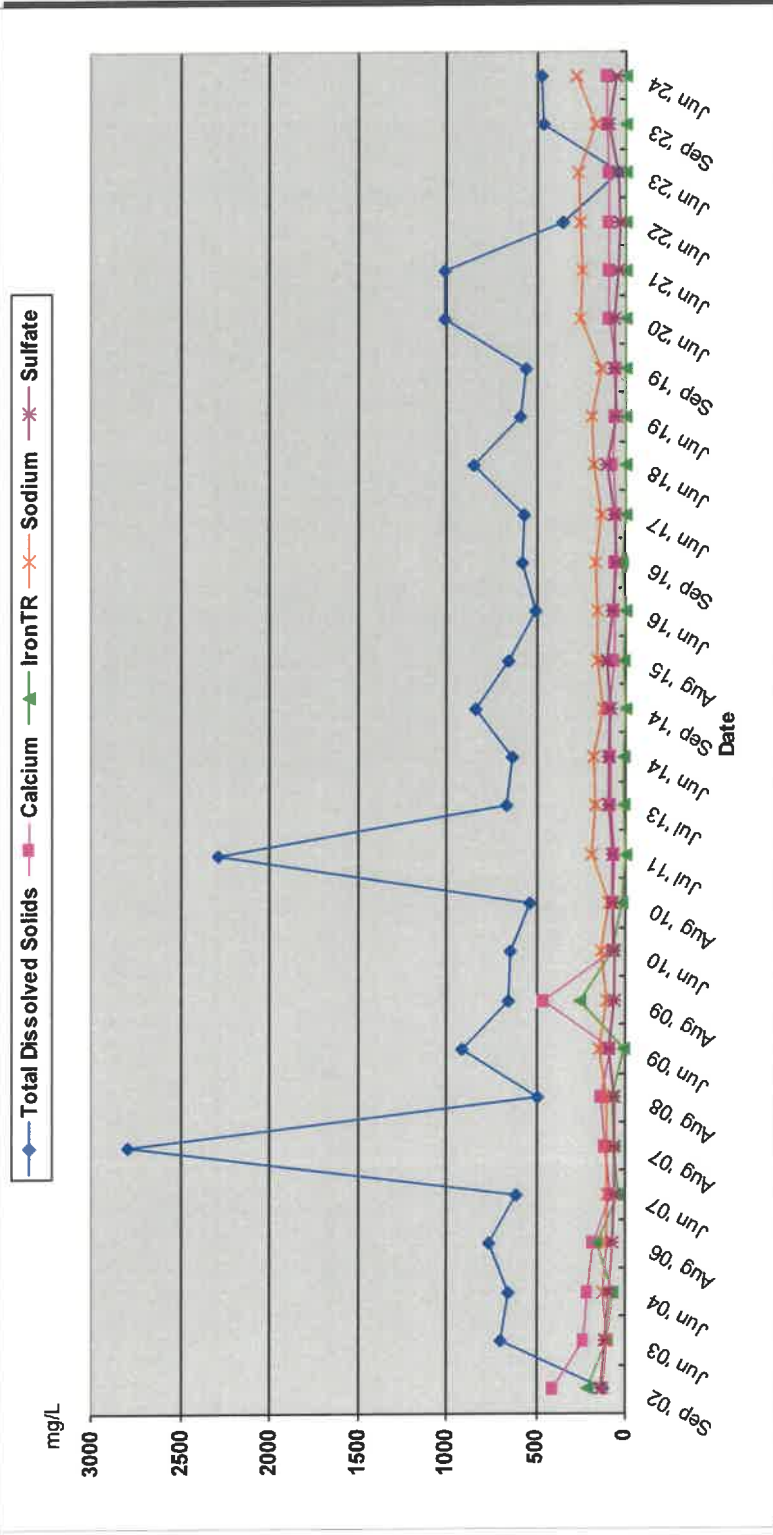
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: EC-15



# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: EC-15



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: EC-15

| Date      | Time  | DEPTH | Field pH | Field Cond | Tem | NH3   | HCO3   | CO3    | pH   | Cond | Cl     | NO3/NO2 | SO4    | TDS  | TSS | PO4  | As    | Cd    | Ca    | Fe-Tr | Fe-Dls | Mnd   | Mntr  | Mg | Hg | Se | Na    | Zn    |
|-----------|-------|-------|----------|------------|-----|-------|--------|--------|------|------|--------|---------|--------|------|-----|------|-------|-------|-------|-------|--------|-------|-------|----|----|----|-------|-------|
| 9/23/2024 | 11:30 | 52    |          |            |     |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 6/24/2024 | 13:00 | 48.5  | 7        | 1814       | 13  | 0.027 | 414.4  | 0      | 7.52 | 379  | 97.8   | 0.08    | 58.39  | 472  |     | 0.08 | 0.003 | 0.01  | 103.8 | 1.79  | 0.281  | 0.138 | 0.311 |    |    |    | 277   | 0.055 |
| 9/25/2023 | 12:45 | 46    | 8.5      | 1783       | 13  | 0.28  | 427.2  | 0      | 7.44 | 858  | 114.96 | 0.069   | 94.91  | 458  |     | 0    | 0.002 | 0.01  | 112.5 | 2.06  | 0.287  | 0.103 | 0.247 |    |    |    | 176   | 0.057 |
| 6/26/2023 | 11:15 | 44.25 | 8.4      | 727        | 13  | 0.182 | 387.2  | 0      | 7.62 | 778  | 109.87 | 0.091   | 46.51  | 48   |     | 0    | 0.002 | 0.01  | 98.7  | 1.83  | 0.265  | 0.291 | 0.052 |    |    |    | 271   | 0.052 |
| 9/16/2022 | 12:30 | 51    | 0        | 0          | 0   |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 6/27/2022 | 10:35 | 42.5  | 7.3      | 892        | 14  | 0.178 | 400    | 0      | 7.30 | 720  | 249    | 0.03    | 28.4   | 352  |     | 0    | 0.002 | 0.01  | 96.1  | 1.76  | 0.234  | 0.095 | 0.288 |    |    |    | 258   | 0.047 |
| 9/27/2021 | 8:00  | 52    | 0        | 0          | 0   |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 6/21/2021 | 12:00 | 43.5  | 7.2      | 747        | 14  | 0.147 | 364    | 0      | 7.42 | 1070 | 243.81 | 0.097   | 46.51  | 1006 |     | 0    | 0.002 | 0.01  | 93.4  | 2.38  | 0.267  | 0.103 | 0.381 |    |    |    | 247   | 0.052 |
| 6/18/2020 | 12:15 | 44    | 7.1      | 1140       | 16  | 0.129 | 410    | 0      | 7.37 | 1129 | 248.15 | 0.11    | 88.33  | 1012 |     | 0    | 0.003 | 0.01  | 98.8  | 2.67  | 0.344  | 0.116 | 0.38  |    |    |    | 254   | 0.056 |
| 9/23/2019 | 13:05 | 48    | 7.5      | 1420       | 15  | 0.072 | 139    | 0      | 7.27 | 828  | 121.8  | 0.05    | 82.87  | 584  |     | 0    | 0.002 | 0.01  | 50.2  | 2.97  | 0.354  | 0.089 | 0.313 |    |    |    | 141   | 0.048 |
| 6/24/2019 | 12:45 | 40.5  | 8.1      | 1040       | 13  | 0.149 | 294    | 0      | 7.87 | 834  | 125.18 | 0.09    | 58.57  | 596  |     | 0    | 0.002 | 0.01  | 67.8  | 3.28  | 0.381  | 0.101 | 0.36  |    |    |    | 193   | 0.049 |
| 6/18/2018 | 12:30 | 45.5  | 8.2      | 1580       | 15  | 0.128 | 296.55 | 0      | 7.30 | 790  | 103.43 | 0.28    | 105.73 | 848  |     | 0    | 0.002 | 0.01  | 76.8  | 5.37  | 0.055  | 0.055 | 0.457 |    |    |    | 183   | 0.038 |
| 8/27/2017 | 11:20 | 47    | 8.1      | 1020       | 14  | 0.083 | 218.92 | 0      | 7.29 | 827  | 107.93 | 0.16    | 64.82  | 572  |     | 0    | 0.002 | 0.01  | 55.1  | 3.67  | 0.351  | 0.093 | 0.312 |    |    |    | 141   | 0.042 |
| 9/28/2016 | 12:25 | 49    | 7.4      | 1380       | 16  | 0.088 | 291.59 | 0      | 7.90 | 646  | 37.48  | 0.22    | 48.88  | 578  |     | 0    | 0.002 | 0.01  | 65.7  | 25.33 | 0.638  | 0.089 | 0.614 |    |    |    | 171   | 0.039 |
| 6/20/2016 | 10:00 | 43.5  | 8.2      | 540        | 13  | 0.103 | 273.54 | 0      | 7.89 | 525  | 17.73  | 0.16    | 78.45  | 508  |     | 0    | 0.002 | 0.01  | 66.2  | 4.58  | 0.051  | 0.038 | 0.405 |    |    |    | 164   | 0.033 |
| 8/19/2015 | 10:00 | 48    | 7.8      | 910        | 13  | 0.097 | 233.51 | 233.51 | 7.88 | 708  | 18.53  | 0.29    | 112.5  | 651  |     | 0    | 0.002 | 0.01  | 64.3  | 7.46  | 0.048  | 0.026 | 0.303 |    |    |    | 158   | 0.028 |
| 8/16/2015 | 10:40 | 44.5  | 8        | 1060       |     |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 9/11/2014 | 8:00  | 45    | 7.4      | 840        | 14  | 0.107 | 322    | 0      | 7.42 | 938  | 30.75  | 0.25    | 88.08  | 842  |     | 0    | 0.002 | 0.01  | 97.2  | 1.9   | 0.08   | 0.010 | 0.06  |    |    |    | 128.6 | 0.09  |
| 8/25/2014 | 9:00  | 45.5  | 7.8      | 780        | 17  | 0.111 | 228    | 0      | 7.89 | 894  | 20.03  | 0.36    | 94.11  | 831  |     | 0    | 0.003 | 0.01  | 85.2  | 10.08 | 0.051  | 0.028 | 0.279 |    |    |    | 185   | 0.021 |
| 7/19/2013 | 12:00 | 51    | 7.6      | 770        | 14  | 0.113 | 239.55 | 0      | 7.63 | 724  | 18.66  | 0.33    | 98.51  | 872  |     | 0.08 | 0.003 | 0.01  | 84.4  | 9.88  | 0.044  | 0.030 | 0.38  |    |    |    | 177.4 | 0.02  |
| 6/18/2013 | 12:00 | 46    | 7.3      | 1450       | 12  |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 8/2/2012  | 12:00 | 51.25 | 0        | 0          | 0   |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 6/19/2012 | 14:00 | 47    | 7        | 830        | 11  |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 7/28/2011 | 8:00  | 49    | 7.8      | 880        | 12  | 0.13  | 56.72  | 0      | 7.28 | 782  | 2.48   | 0.22    | 75.73  | 2290 |     | 0.08 | 0.013 | 0.01  | 67.2  | 2.78  | 0.1    | 0.010 | 0.07  |    |    |    | 194   | 0.03  |
| 6/23/2011 | 8:00  | 48    | 7.8      | 1070       | 7   |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 9/5/2010  | 7:00  | 48.5  | 8.1      | 880        | 7   | 0.02  | 371.01 | 0      | 7.07 | 895  | 40.84  | 1.37    | 74.5   | 534  |     | 0.08 | 0.004 | 0.01  | 80.3  | 24    | 0.08   | 0.010 | 0.81  |    |    |    | 96.5  | 0.04  |
| 6/15/2010 | 10:00 | 44.75 | 8.9      | 800        | 8   | 0.086 | 383.66 | 0      | 7.02 | 951  | 5.78   | 0       | 82.15  | 850  |     | 0    | 0.067 | 0.005 | 72.2  | 73    | 0.01   | 0.001 | 2.01  |    |    |    | 138   | 0.02  |
| 8/4/2009  | 12:40 | 48.3  | 7.8      | 690        | 19  | 0.6   | 550    | 1      | 7.04 | 810  | 6      | 0.04    | 62     | 660  |     | 0.01 | 0.002 | 0.005 | 480   | 280   | 0.01   | 0.021 | 10    |    |    |    | 110   | 0.005 |
| 6/16/2009 | 11:00 | 47    | 7.5      | 800        | 13  | 0.17  | 610    | 1      | 7.58 | 1100 | 11     | 0.02    | 98     | 910  |     | 0.02 | 0.01  | 0.005 | 84    | 10    | 0.03   | 0.005 | 0.17  |    |    |    | 150   | 0.005 |
| 8/8/2008  | 10:00 | 48.5  | 7.3      | 800        | 13  | 0.31  | 550    | 1      | 7.11 | 980  | 12     | 0.03    | 66     | 490  |     | 0.04 | 0.01  | 0.005 | 140   | 74    | 0.01   | 0.021 | 1.3   |    |    |    | 110   | 0.008 |
| 6/18/2008 | 10:00 | 46    | 7.6      | 800        | 10  |       |        |        |      |      |        |         |        |      |     |      |       |       |       |       |        |       |       |    |    |    |       |       |
| 8/2/2007  | 10:00 | 48    | 7.08     | 860        | 14  | 0.51  | 560    | 1      | 7.37 | 830  | 6      | 0.07    | 68     | 2800 |     | 0.01 | 0.002 | 0.005 | 120   | 69    | 0.03   | 0.005 | 1.2   |    |    |    | 110   | 0.005 |
| 6/19/2007 | 9:30  | 48.5  | 6.94     | 840        | 11  | 0.31  | 530    | 1      | 7.28 | 880  | 10     | 0.02    | 62     | 810  |     | 0.03 | 0.002 | 0.005 | 82    | 41    | 0.01   | 0.005 | 0.891 |    |    |    | 110   | 0.005 |

# MONITORING DATA FOR 2024 AHR

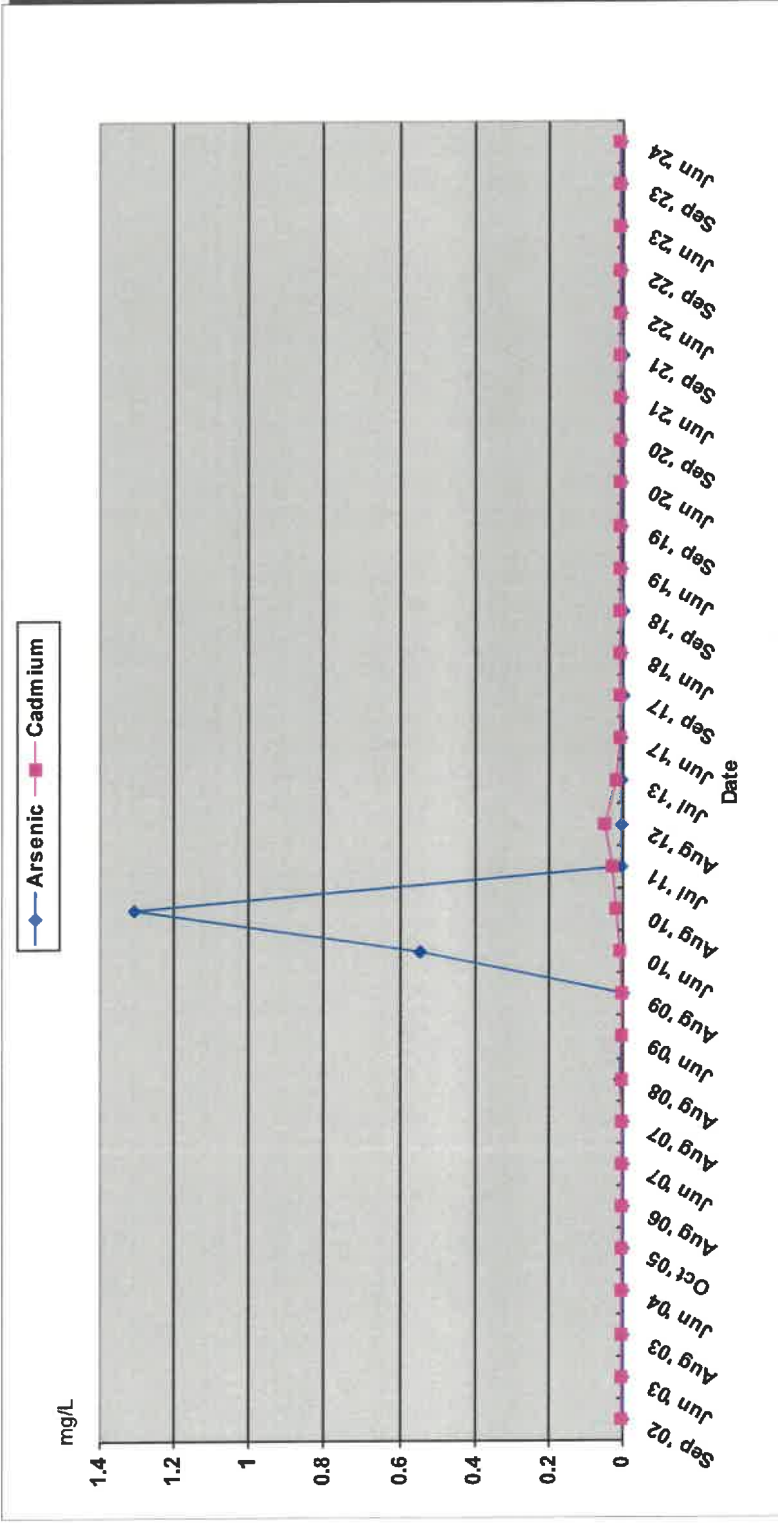
GROUNDWATER LOCATION: EC-15

| Date       | Time  | DEPTH | Field pH | Field Cond | Tem | NH3  | HCO3 | CO3  | pH   | Cond | Cl | NO3/NO2 | SO4 | TDS | TSS | PO4  | As    | Cd    | Ca  | Fe-Tr | Fe-Dls | Mnd   | Mntr | Mg | Hg | Se  | Na    | Zn    |
|------------|-------|-------|----------|------------|-----|------|------|------|------|------|----|---------|-----|-----|-----|------|-------|-------|-----|-------|--------|-------|------|----|----|-----|-------|-------|
| 8/10/2006  | 22:00 | 49    | 6.97     | 890        | 14  | 0.16 | 680  | 1    | 7.66 | 1000 | 11 | 0.07    | 79  | 780 |     | 0.01 | 0.002 | 0.005 | 180 | 160   | 0.01   | 0.005 |      | 76 |    |     | 110   | 0.005 |
| 6/9/2008   | 12:00 | 46    | 7.23     | 860        | 0   |      |      |      |      |      |    |         |     |     |     |      |       |       |     |       |        |       |      |    |    |     |       |       |
| 10/17/2005 | 2:35  | 48.33 | 0        | 0          | 0   |      |      |      |      |      |    |         |     |     |     |      |       |       |     |       |        |       |      |    |    |     |       |       |
| 8/6/2005   | 8:20  | 48.2  | 8.73     | 880        | 12  |      |      |      |      |      |    |         |     |     |     |      |       |       |     |       |        |       |      |    |    |     |       |       |
| 8/23/2004  | 14:15 | 51.25 | 0        | 0          | 0   |      |      |      |      |      |    |         |     |     |     |      |       |       |     |       |        |       |      |    |    |     |       |       |
| 6/22/2004  | 12:45 | 46    | 7.1      | 929        | 15  | 0.25 | 770  | 1    | 7.29 | 1000 | 12 | 0.13    | 99  | 660 |     | 0.01 | 0.002 | 0.005 | 220 | 76    | 0.01   | 0.005 | 1.8  |    |    | 130 | 0.008 |       |
| 8/26/2003  | 13:00 | 51.25 | 0        | 0          | 0   |      |      |      |      |      |    |         |     |     |     |      |       |       |     |       |        |       |      |    |    |     |       |       |
| 6/19/2003  | 15:00 | 0     | 7.18     | 660        | 15  | 0.05 | 740  | 1    | 7.22 | 1100 | 11 | 0.29    | 120 | 700 |     | 0.01 | 0.002 | 0.005 | 240 | 110   | 0.04   | 0.005 | 2.7  |    |    | 110 | 0.005 |       |
| 9/23/2002  | 7:00  | 46    | 7.2      | 900        | 15  | 0.6  | 1000 | 1200 | 7.56 | 1100 | 26 | 0.39    | 140 | 130 |     | 0.01 | 0.002 | 0.005 | 410 | 210   | 0.01   | 0.005 | 7.5  |    |    | 130 |       |       |
| 6/25/2002  | 7:00  | 46    | 7.1      | 900        | 17  |      |      |      |      |      |    |         |     |     |     |      |       |       |     |       |        |       |      |    |    |     |       |       |

**SC-1 WELL**  
**ROLLINS SANDSTONE**  
**SANBORN CREEK MINE**

# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-1

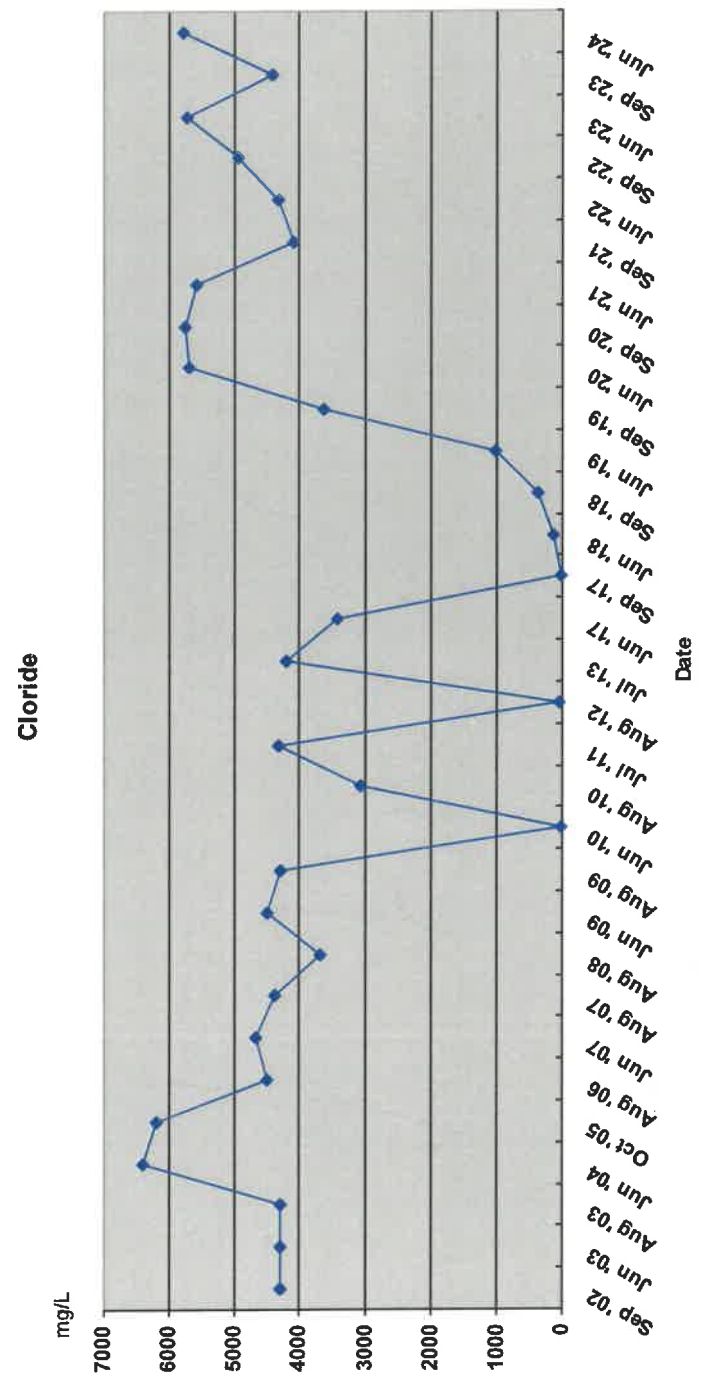


Oxbow Mining, LLC., Elk Creek Mine

Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

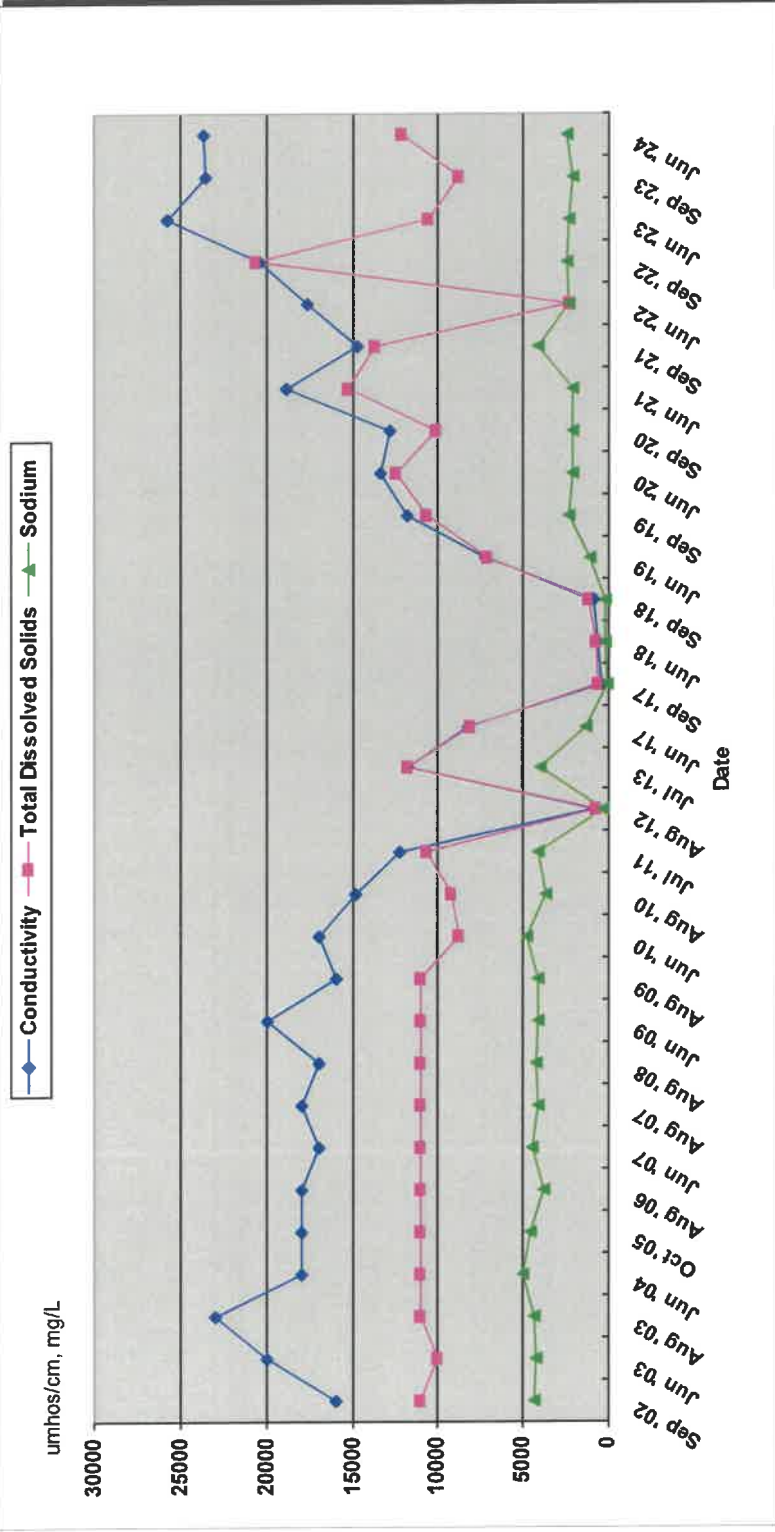
GROUND WATER LOCATION: SC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

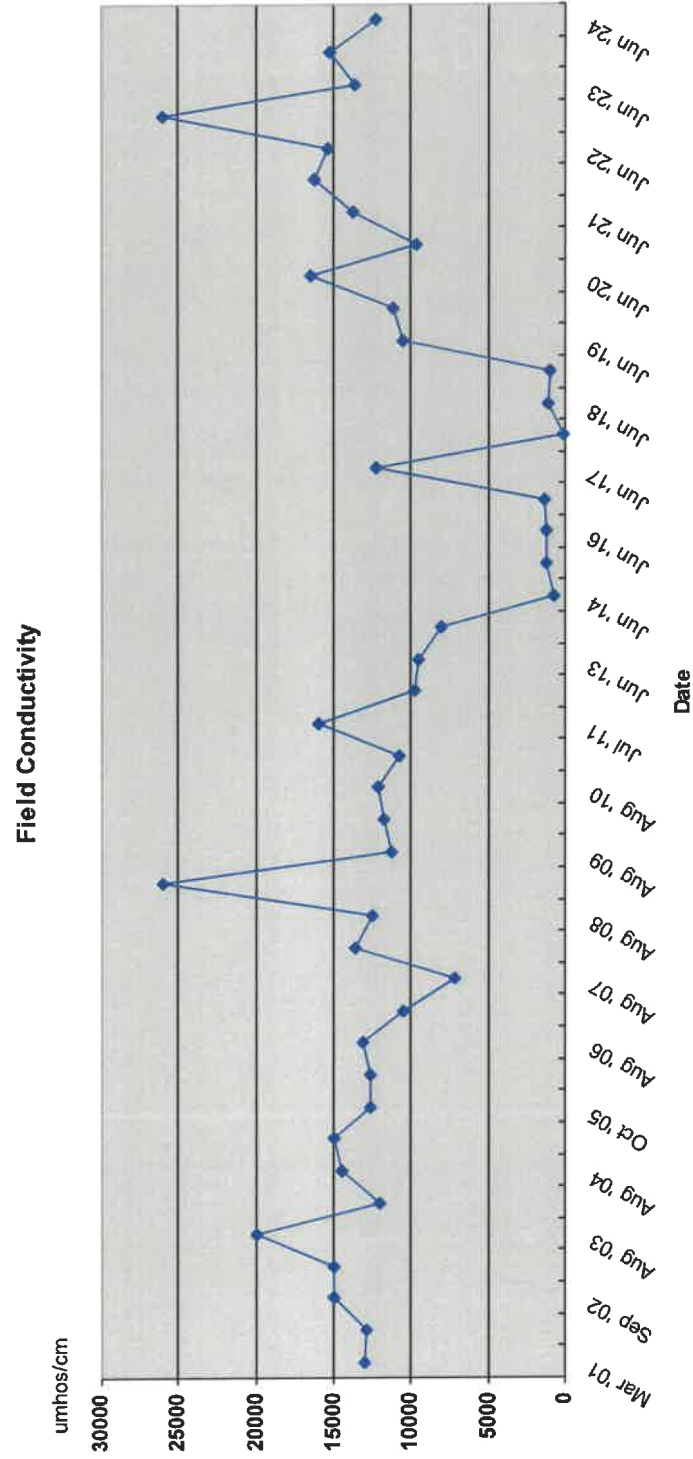
GROUND WATER LOCATION: SC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

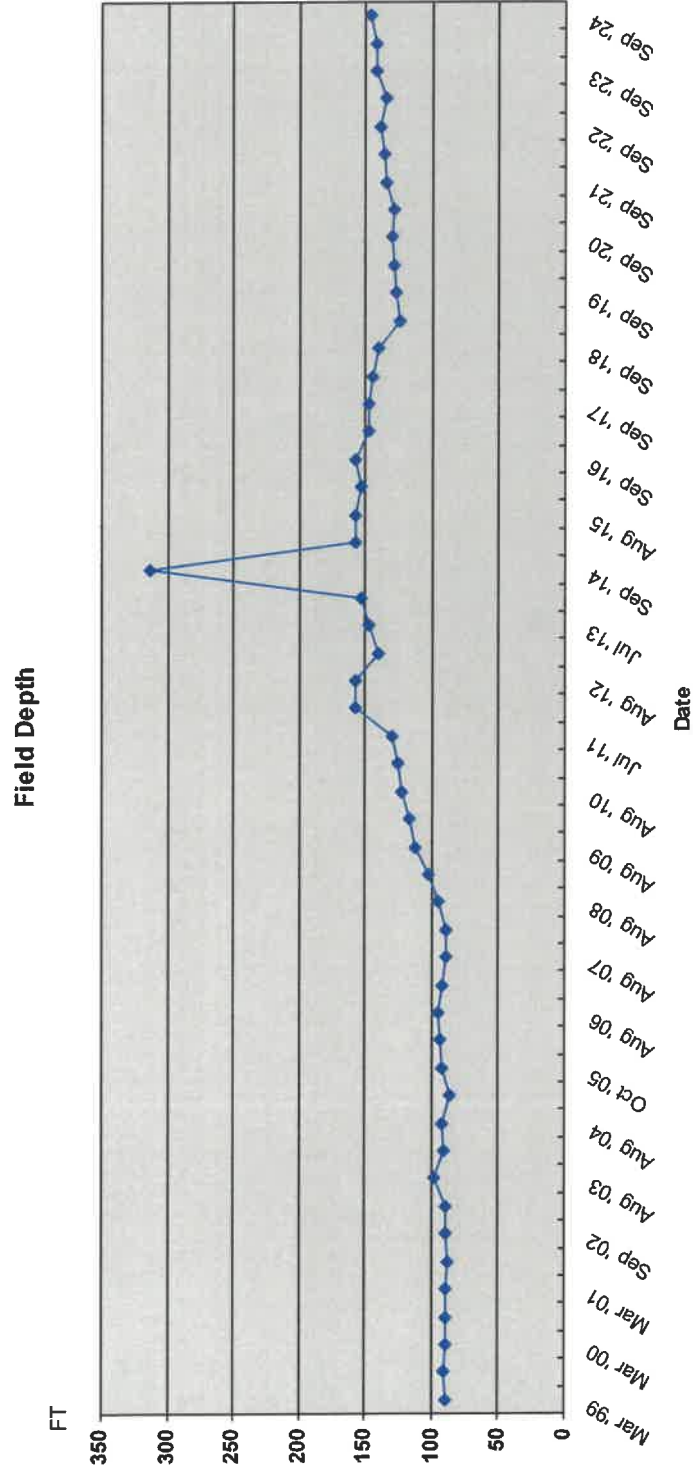
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-1



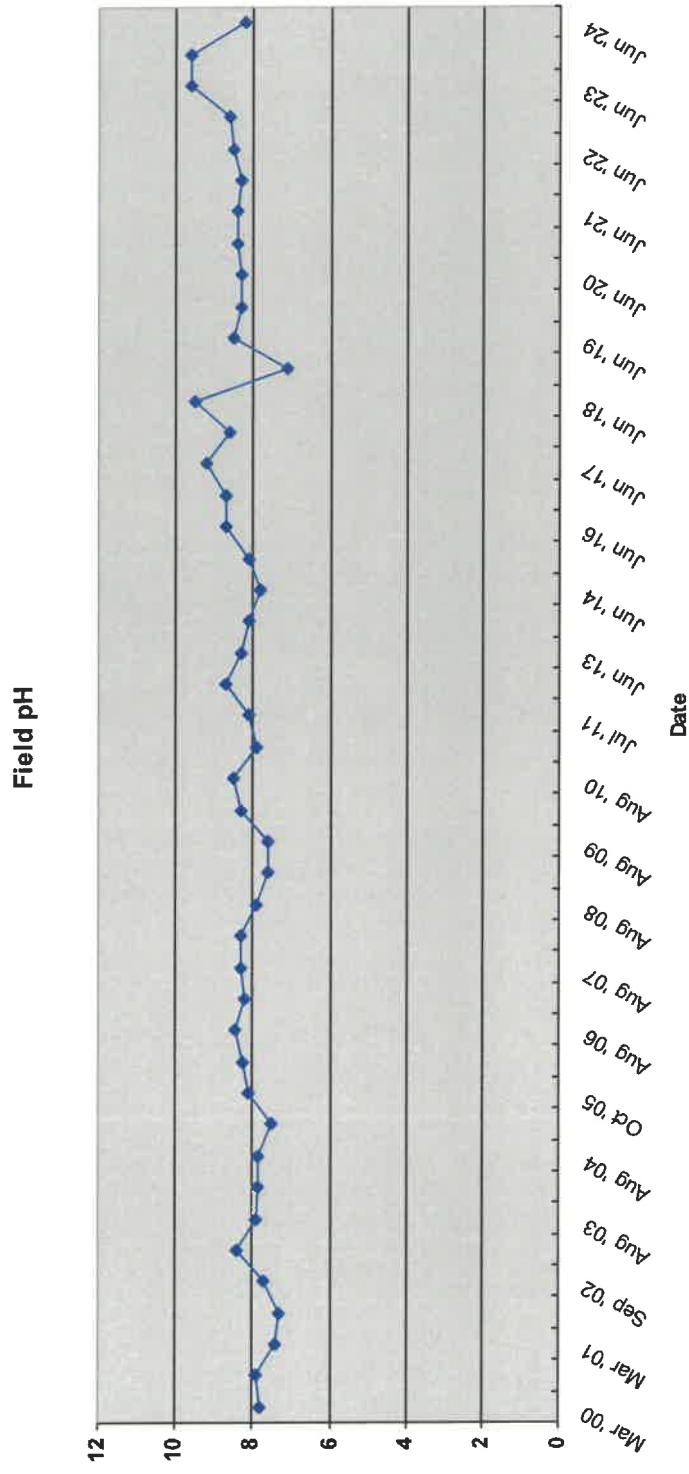
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-1



# MONITORING CHART FOR 2024 AHR

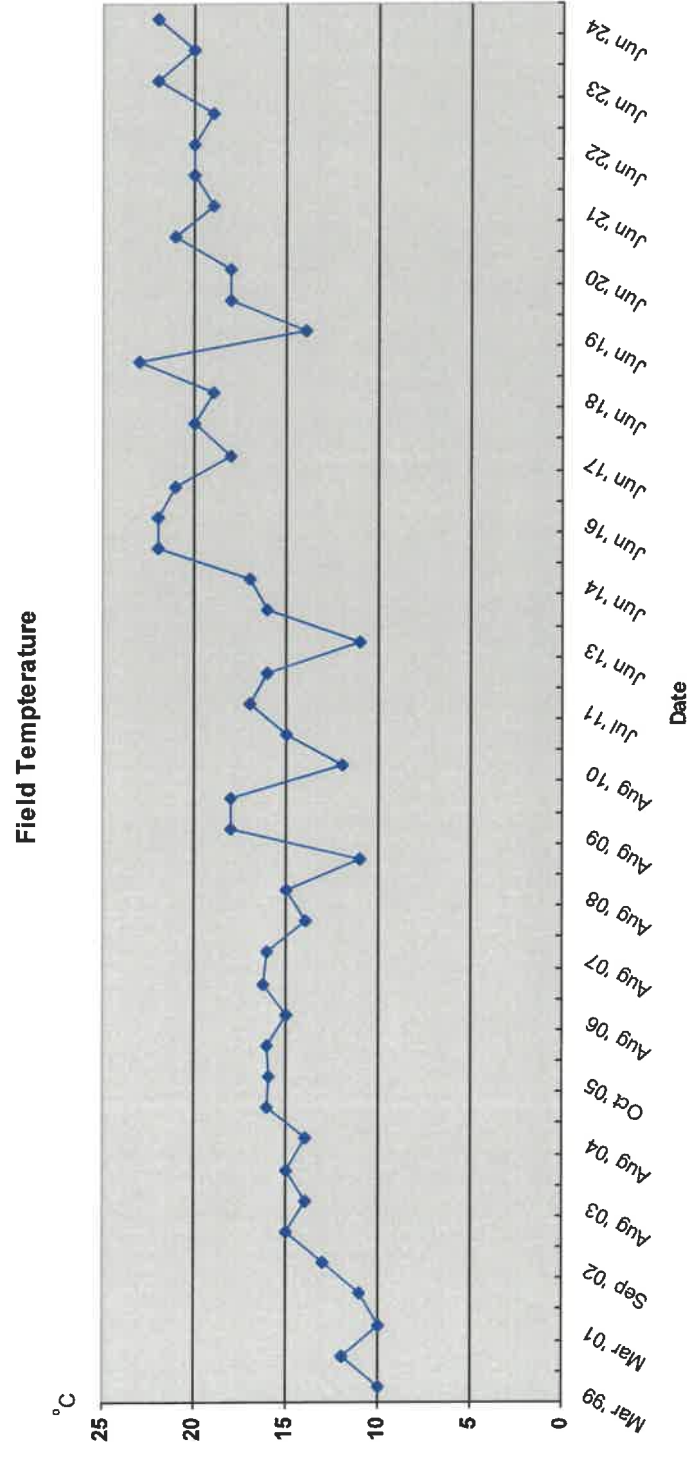
GROUND WATER LOCATION: SC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

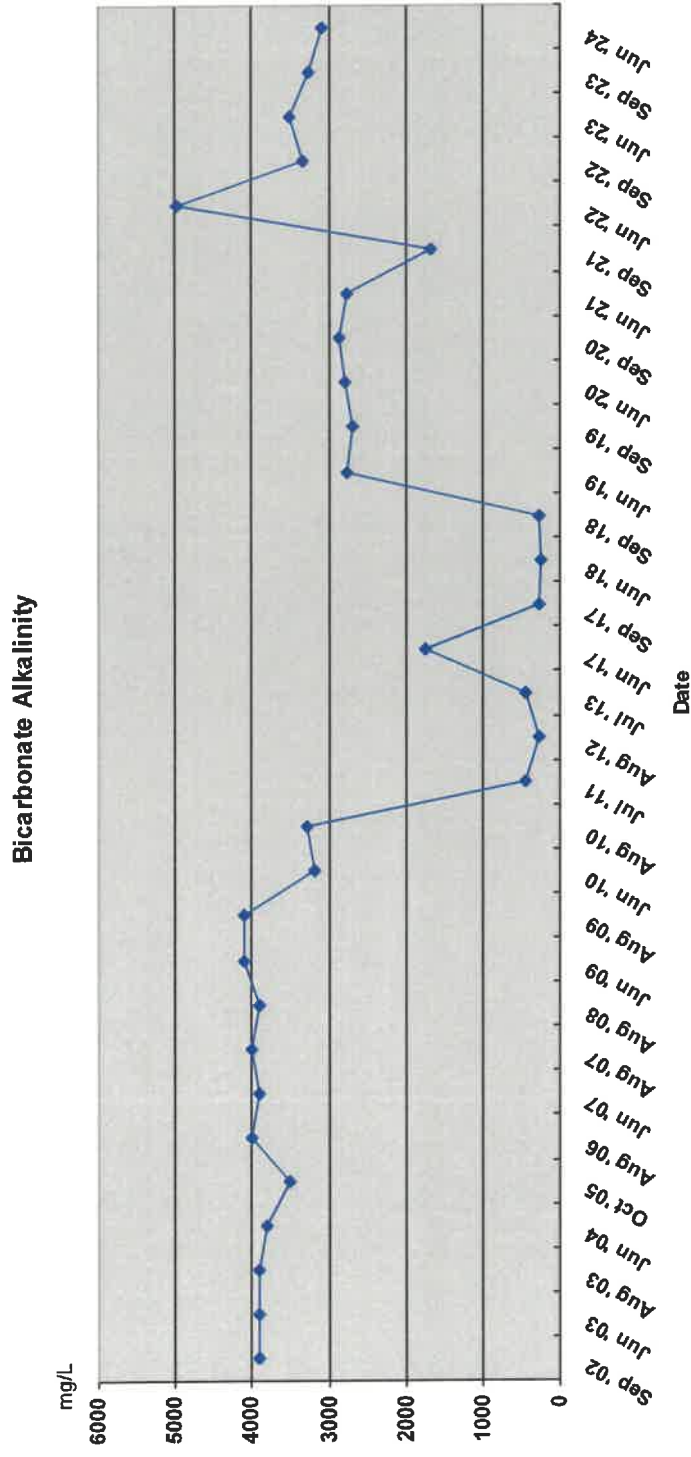
GROUND WATER LOCATION: SC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

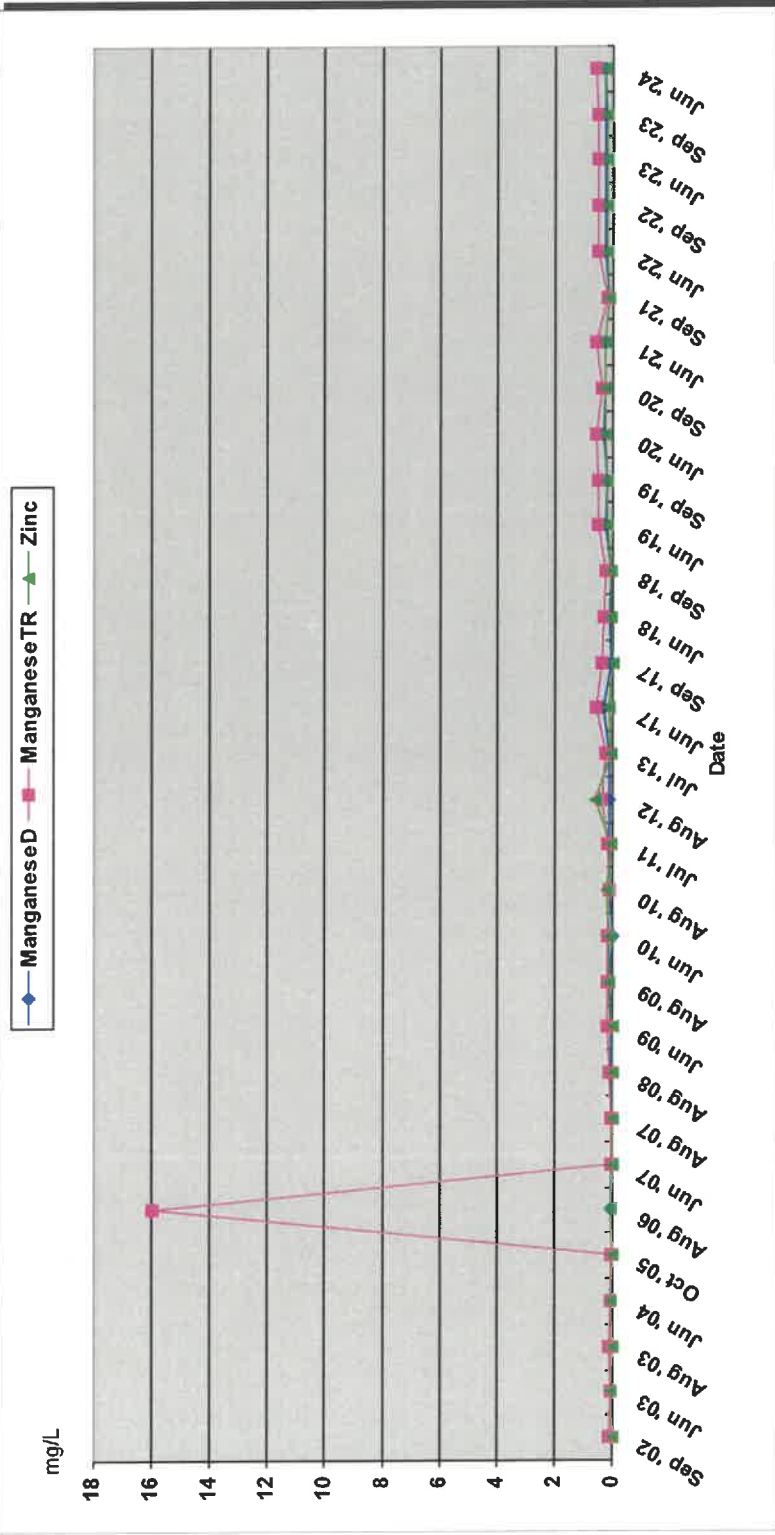
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-1



# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-1

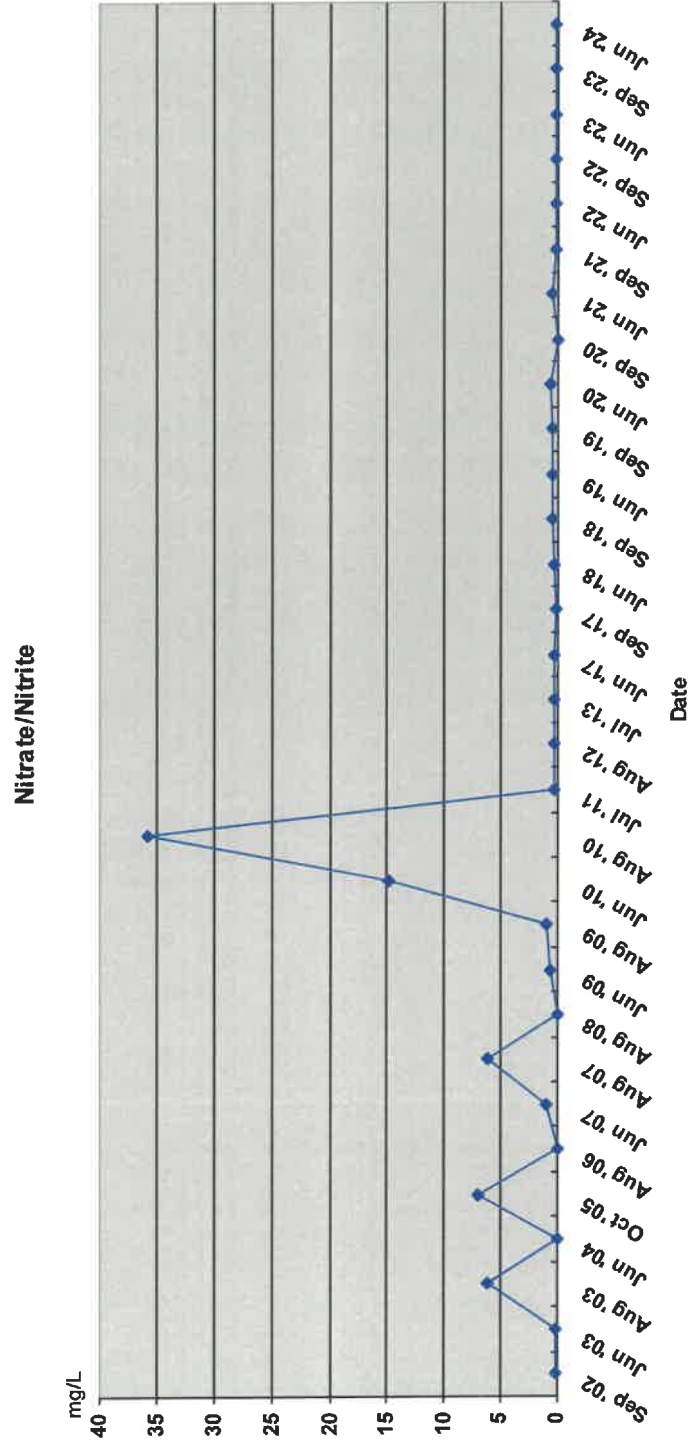


Oxbow Mining, LLC., Elk Creek Mine

Date : 06-Feb-25

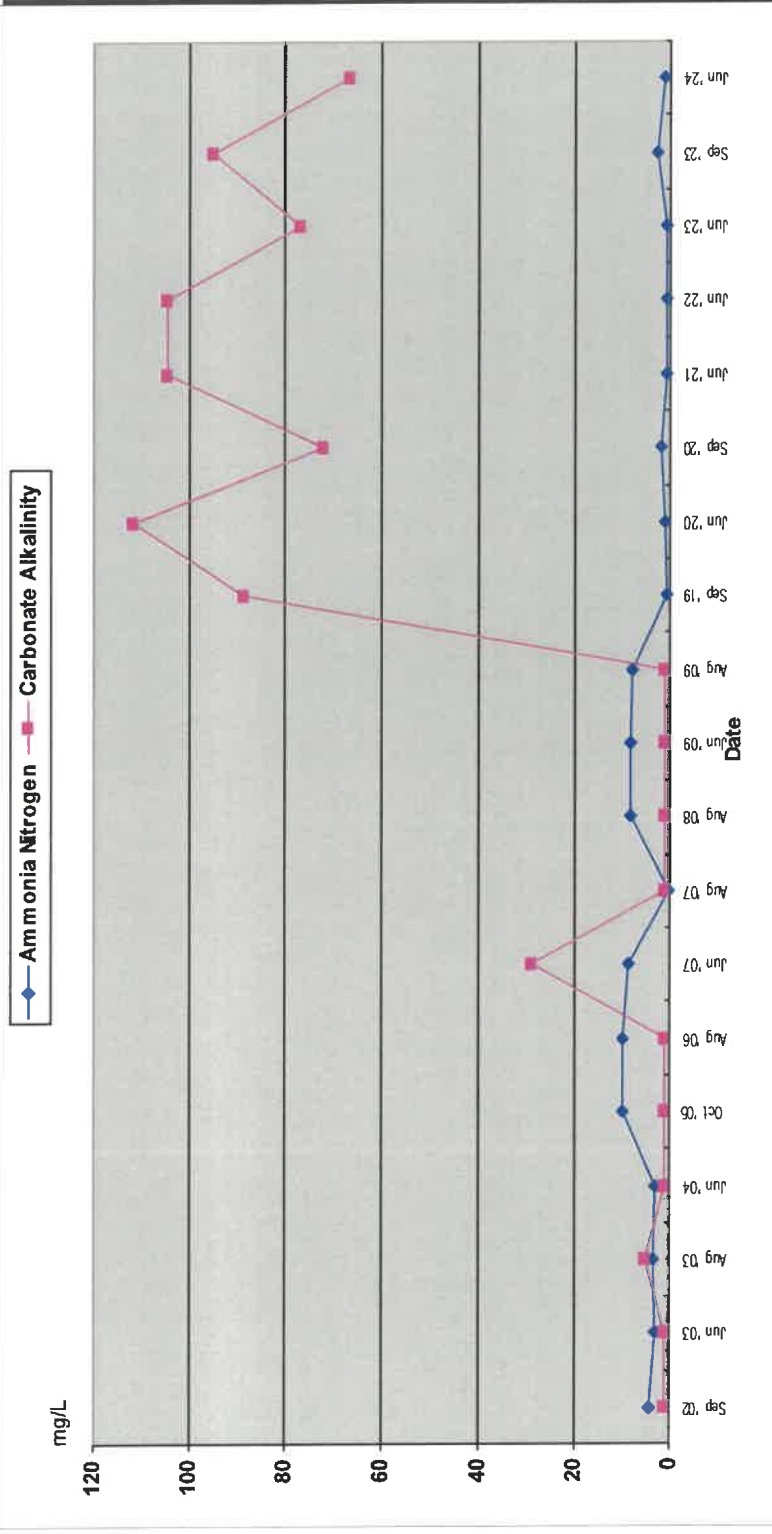
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-1



# MONITORING CHART FOR 2024AHR

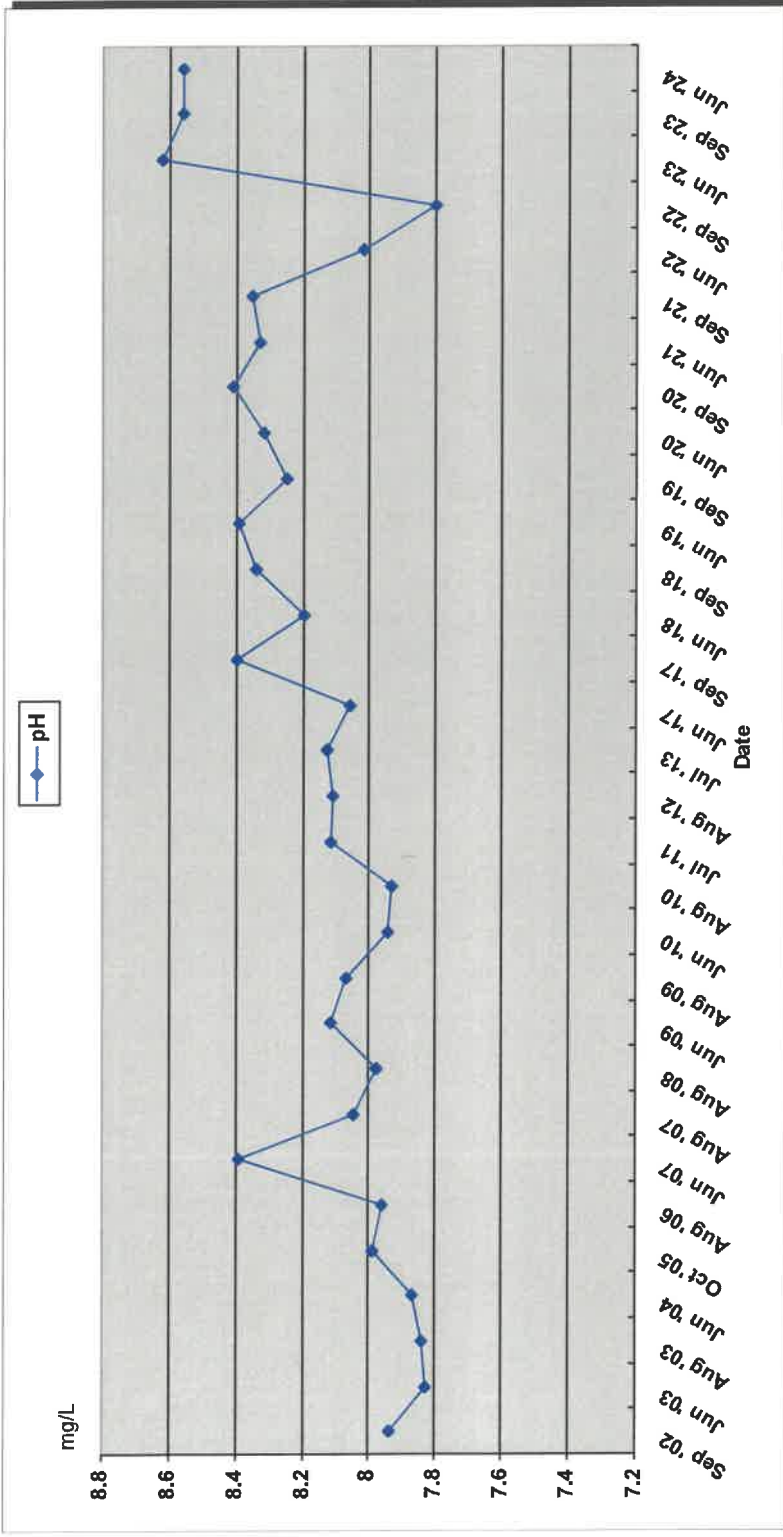
GROUND WATER LOCATION: SC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Mar-25

# MONITORING CHART FOR 2024 AHR

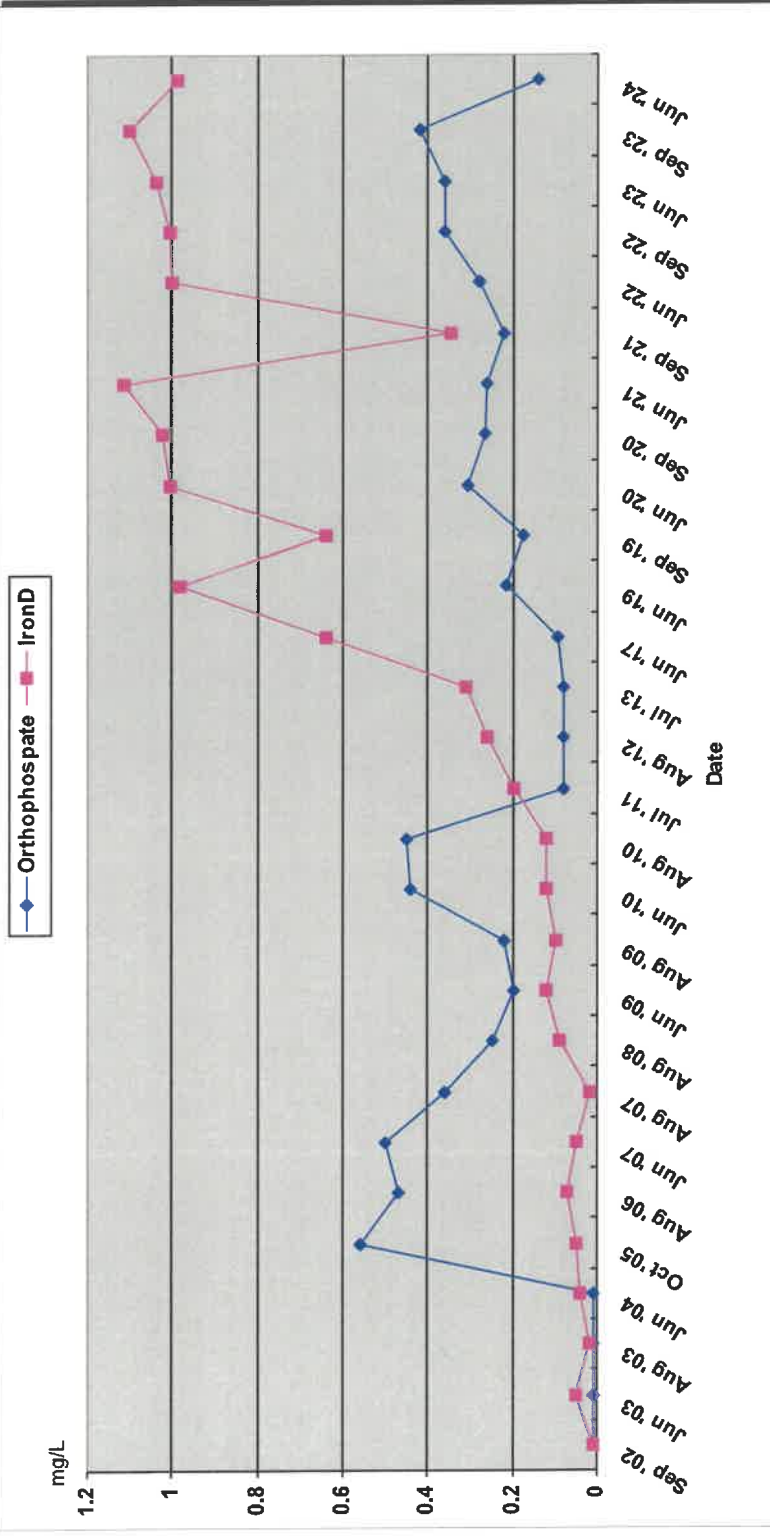
GROUND WATER LOCATION: SC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

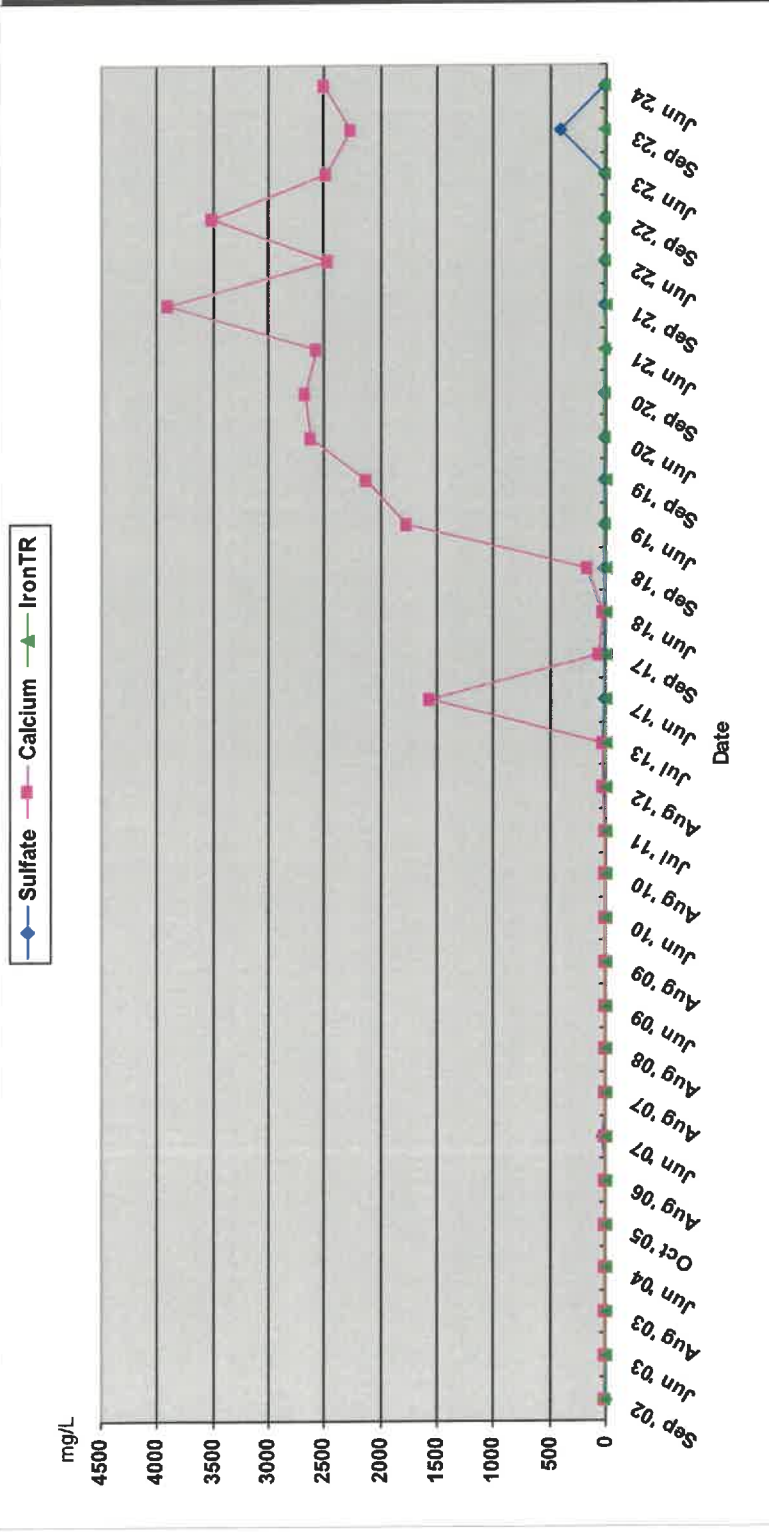
GROUND WATER LOCATION: SC-1



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-1



# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: SC-1

| Date      | Time  | DEPTH | Field pH | Field Cond | Tem | NH3   | HCO3    | CO3  | pH   | Cond  | Cl      | NO3/NO2 | SO4    | TDS   | TSS | PO4   | As    | Cd    | Ca     | Fe-Tr | Fe-Dls | Mnd   | Mntr  | Mg | Hg | Se | Na    | Zn    |
|-----------|-------|-------|----------|------------|-----|-------|---------|------|------|-------|---------|---------|--------|-------|-----|-------|-------|-------|--------|-------|--------|-------|-------|----|----|----|-------|-------|
| 9/23/2024 | 13:30 | 146   |          |            |     |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 6/24/2024 | 14:00 | 142   | 8.2      | 12300      | 22  | 1.053 | 3088    | 86.5 | 8.56 | 23600 | 5788    | 0.139   | 16.86  | 12200 |     | 0.139 | 0.004 | 0.01  | 2507   | 9.53  | 0.983  | 0.291 | 0.597 |    |    |    | 2412  | 0.235 |
| 9/25/2023 | 1:45  | 142   | 8.6      | 15300      | 20  | 2.89  | 3252.8  | 95.2 | 8.56 | 23500 | 4410    | 0.234   | 402.23 | 8864  |     | 0.42  | 0.006 | 0.01  | 2270   | 9.87  | 1.103  | 0.285 | 0.549 |    |    |    | 2150  | 0.179 |
| 6/26/2023 | 12:15 | 135   | 9.6      | 13900      | 22  | 0.944 | 3520    | 76.8 | 8.62 | 25740 | 5748    | 0.129   | 17.7   | 10608 |     | 0.36  | 0.005 | 0.01  | 2489   | 9.78  | 1.036  | 0.297 | 0.558 |    |    |    | 2397  | 0.208 |
| 9/19/2022 | 12:40 | 136.5 | 8.9      | 26000      | 19  | 0.916 | 3334    | 0    | 7.80 | 20383 | 4948    | 0.128   | 14.41  | 20600 |     | 0.36  | 0.003 | 0.01  | 3512   | 10.2  | 1.008  | 0.238 | 0.508 |    |    |    | 2412  | 0.196 |
| 6/27/2022 | 11:35 | 136   | 8.5      | 15400      | 20  | 0.917 | 4976    | 105  | 8.02 | 17590 | 4348    | 0.222   | 9.88   | 2307  |     | 0.28  | 0.004 | 0.01  | 2466   | 9.2   | 1.002  | 0.233 | 0.514 |    |    |    | 2307  | 0.191 |
| 9/27/2021 | 13:00 | 135   | 8.3      | 16200      | 20  | 2.88  | 1658    | 0    | 8.35 | 14690 | 4088.7  | 0.14    | 12.7   | 13664 |     | 0.22  | 0.002 | 0.01  | 3910   | 8.864 | 0.347  | 0.168 | 0.183 |    |    |    | 4105  | 0.11  |
| 6/21/2021 | 11:30 | 129   | 8.4      | 13800      | 19  | 0.88  | 2760    | 105  | 8.33 | 18820 | 5563.45 | 0.58    | 6.58   | 15231 |     | 0.261 | 0.003 | 0.01  | 2570   | 12.9  | 1.116  | 0.297 | 0.575 |    |    |    | 2099  | 0.246 |
| 9/19/2020 | 12:50 | 130   | 8.4      | 9700       | 21  | 1.99  | 2868    | 72   | 8.41 | 12680 | 5760.63 | 0.061   | 9.47   | 10154 |     | 0.266 | 0.005 | 0.01  | 2870   | 12.9  | 1.023  | 0.254 | 0.429 |    |    |    | 2155  | 0.287 |
| 6/16/2020 | 11:15 | 128   | 8.3      | 16500      | 18  | 1.15  | 2800    | 112  | 8.32 | 13380 | 5707.45 | 0.82    | 11.11  | 12534 |     | 0.306 | 0.005 | 0.01  | 2620   | 15.3  | 1.008  | 0.308 | 0.591 |    |    |    | 2104  | 0.264 |
| 9/23/2019 | 14:15 | 127   | 8.3      | 11100      | 18  | 0.834 | 2890    | 89   | 8.25 | 11880 | 3639    | 0.46    | 13.17  | 10594 |     | 0.176 | 0.004 | 0.01  | 2123   | 7.13  | 0.841  | 0.231 | 0.529 |    |    |    | 2390  | 0.194 |
| 6/24/2019 | 12:15 | 124   | 8.5      | 10500      | 14  | 0.924 | 2760    | 0    | 8.39 | 7218  | 1032    | 0.54    | 18.66  | 7085  |     | 0.218 | 0.004 | 0.01  | 1780   | 12.4  | 0.982  | 0.257 | 0.547 |    |    |    | 1167  | 0.207 |
| 9/17/2018 | 12:05 | 140   | 7.1      | 890        | 23  | 0.189 | 287.66  | 0    | 8.34 | 915   | 367     | 0.54    | 24.7   | 1204  |     | 0     | 0.002 | 0.01  | 174.1  | 1.85  | 0.058  | 0.094 | 0.276 |    |    |    | 233   | 0.066 |
| 6/18/2018 | 11:55 | 144   | 9.5      | 1090       | 19  | 0.278 | 248.66  | 0    | 8.20 | 658   | 139.2   | 0.34    | 23.87  | 741   |     | 0     | 0.003 | 0.01  | 36.3   | 2.28  | 0.066  | 0.116 | 0.329 |    |    |    | 175   | 0.075 |
| 9/13/2017 | 12:17 | 148   | 8.6      | 100        | 20  | 0.106 | 284.59  | 0    | 8.40 | 479   | 29.25   | 0.14    | 18.52  | 662   |     | 0     | 0.002 | 0.01  | 63.2   | 4.79  | 0.048  | 0.047 | 0.393 |    |    |    | 143   | 0.03  |
| 6/27/2017 | 10:30 | 148   | 9.2      | 12300      | 18  | 0.524 | 1742.44 |      | 8.06 | 8230  | 3431    | 0.33    | 15.23  | 8188  |     | 0.098 | 0.004 | 0.01  | 1572.2 | 7.13  | 0.842  | 0.323 | 0.598 |    |    |    | 1380  | 0.106 |
| 9/28/2016 | 11:00 | 158   | 8.7      | 1360       | 21  |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 6/17/2016 | 8:30  | 154   | 8.7      | 1200       | 22  |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 8/19/2015 | 9:00  | 157   |          |            |     |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 6/19/2015 | 9:00  | 157   | 8.1      | 1250       | 22  |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 9/10/2014 | 9:00  | 157   |          |            |     |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 9/10/2014 | 12:00 | 157   |          |            |     |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 6/24/2014 | 9:00  | 153.5 | 7.8      | 780        | 17  |       |         |      |      |       |         | 0.3     | 33.82  | 11880 |     | 0.08  | 0.005 | 0.022 | 35.1   | 3.13  | 0.31   | 0.100 | 0.24  |    |    |    | 4035  | 0.08  |
| 7/19/2013 | 12:00 | 147   | 8.1      | 8000       | 16  | 0.712 | 455.71  | 0    | 8.13 | 11880 | 4217    |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 6/19/2013 | 12:00 | 140   | 8.3      | 9600       | 11  |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 8/2/2012  | 12:00 | 157   | 8.7      | 9800       | 16  | 0.58  | 280.05  | 0    | 8.11 | 898   | 68.02   | 0.36    | 17.01  | 817   |     | 0.08  | 0.005 | 0.05  | 34.2   | 1.88  | 0.26   | 0.140 | 0.42  |    |    |    | 382.5 | 0.81  |
| 6/19/2012 | 13:45 | 157   |          |            |     |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 7/26/2011 | 12:00 | 130   | 8.1      | 16000      | 17  | 0.657 | 449.28  | 0    | 8.12 | 12290 | 4325.25 | 0.31    | 21.81  | 10657 |     | 0.08  | 0.005 | 0.03  | 15.39  | 2.78  | 0.2    | 0.110 | 0.17  |    |    |    | 4174  | 0.09  |
| 6/23/2011 | 9:00  | 125.5 | 7.9      | 10800      | 15  |       |         |      |      |       |         |         |        |       |     |       |       |       |        |       |        |       |       |    |    |    |       |       |
| 8/5/2010  | 6:10  | 123.5 | 8.5      | 12100      | 12  | 7.425 | 3275.83 | 0    | 7.93 | 14630 | 3069.99 | 35.8    | 12.35  | 9202  |     | 0.452 | 1.308 | 0.02  | 16.87  | 1.65  | 0.12   | 0.100 | 0.15  |    |    |    | 3720  | 0.17  |
| 6/19/2010 | 10:00 | 117   | 8.3      | 11800      | 18  | 6.075 | 3178.8  | 0    | 7.95 | 16980 | 23.88   | 14.95   | 5.78   | 8840  |     | 0.44  | 0.548 | 0.011 | 18.07  | 2.95  | 0.12   | 0.025 | 0.192 |    |    |    | 4830  | 0.11  |
| 8/4/2009  | 12:00 | 113.3 | 7.6      | 11300      | 18  | 8     | 4100    | 1    | 8.07 | 16000 | 4300    | 0.88    | 6      | 11000 |     | 0.22  | 0.002 | 0.005 | 24     | 6     | 0.1    | 0.120 | 0.2   |    |    |    | 4100  | 0.12  |
| 6/17/2009 | 12:00 | 102.7 | 7.6      | 26000      | 11  | 8.4   | 4100    | 1    | 8.12 | 20000 | 4500    | 0.74    | 5      | 11000 |     | 0.2   | 0.005 | 0.005 | 23     | 7.3   | 0.12   | 0.096 | 0.186 |    |    |    | 4100  | 0.032 |

# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: SC-1

| Date       | Time  | DEPTH | Field pH | Field Cond | Tem  | NH3  | HCO3 | CO3 | pH   | Cond  | Cl   | NO3/NO2 | SO4 | TDS   | TSS  | PO4    | As     | Cd   | Ca   | Fe-Tr | Fe-Dls | Mnd   | Mntr | Mg      | Hg    | Se   | Na   | Zn    |
|------------|-------|-------|----------|------------|------|------|------|-----|------|-------|------|---------|-----|-------|------|--------|--------|------|------|-------|--------|-------|------|---------|-------|------|------|-------|
| 8/11/2008  | 12:00 | 96    | 7.9      | 12500      | 15   | 8.3  | 3900 | 1   | 7.98 | 17000 | 3700 | 0.02    | 5   | 11000 | 0.25 | 0.01   | 0.005  | 19   | 2.6  | 0.09  | 0.075  | 0.103 |      |         |       |      | 4200 | 0.032 |
| 8/19/2008  | 9:30  | 90    | 8.3      | 13600      | 14   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 8/22/2007  | 12:00 | 90    | 8.3      | 7200       | 16   | 0.27 | 4000 | 1   | 8.05 | 18000 | 4400 | 6.2     | 5   | 11000 | 0.36 | 0.002  | 0.005  | 15   | 1.8  | 0.02  | 0.005  | 0.075 |      |         |       |      | 4100 | 0.015 |
| 8/19/2007  | 12:00 | 93    | 8.21     | 10500      | 16.3 | 8.6  | 3900 | 29  | 8.39 | 17000 | 4700 | 1       | 26  | 11000 | 0.5  | 0.002  | 0.005  | 13   | 1.7  | 0.05  | 0.050  | 0.071 |      |         |       |      | 4500 | 0.008 |
| 8/10/2006  | 12:00 | 95    | 8.47     | 13100      | 15   | 9.8  | 4000 | 1   | 7.96 | 18000 | 4500 | 0.03    | 5   | 11000 | 0.47 | 0.002  | 0.005  | 16   | 1.9  | 0.07  | 0.064  | 16    |      |         |       |      | 3800 | 0.038 |
| 8/9/2006   | 12:00 | 94    | 8.29     | 12700      | 16   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 10/17/2005 | 10:40 | 93    | 8.1      | 12600      | 15.9 | 10   | 3500 | 1   | 7.99 | 18000 | 6200 | 7.1     | 5   | 11000 | 0.58 | 0.002  | 0.005  | 17   | 1.1  | 0.05  | 0.028  | 0.089 |      |         |       |      | 4600 | 0.027 |
| 8/5/2005   | 9:00  | 87.5  | 7.52     | 15000      | 16   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 8/23/2004  | 10:20 | 93    | 7.85     | 14500      | 14   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 8/22/2004  | 12:00 | 91.8  | 7.85     | 12000      | 15   | 3.2  | 3800 | 1   | 7.87 | 18000 | 6400 | 0.07    | 5   | 11000 | 0.01 | 0.002  | 0.005  | 16   | 4.8  | 0.04  | 0.047  | 0.088 |      |         |       |      | 5000 | 0.04  |
| 8/26/2003  | 8:50  | 98.4  | 7.94     | 20000      | 14   | 3.5  | 3900 | 5   | 7.84 | 23000 | 4300 | 6.2     | 5   | 11000 | 0.01 | 0.002  | 0.005  | 19   | 8.1  | 0.02  | 0.005  | 0.102 |      |         |       |      | 4300 | 0.02  |
| 8/17/2003  | 8:30  | 89.2  | 8.4      | 15000      | 15   | 3.3  | 3900 | 1   | 7.83 | 20000 | 4300 | 0.1     | 5   | 10000 | 0.01 | 0.002  | 0.005  | 22   | 5.5  | 0.05  | 0.041  | 0.081 |      |         |       |      | 4200 | 0.049 |
| 9/23/2002  | 12:00 | 90    | 7.7      | 15000      | 13   | 4.3  | 3900 | 1   | 7.94 | 16000 | 4300 | 0.21    | 5   | 11000 | 0.01 | 0.002  | 0.005  | 20   | 12   | 0.01  | 0.005  | 0.143 |      |         |       |      | 4300 | 0.005 |
| 9/28/2001  | 13:10 | 88.2  | 7.3      | 12800      | 11   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 3/30/2001  | 13:00 | 90    | 7.4      | 13000      | 10   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 9/28/2000  | 14:31 | 89.9  | 7.9      | 16000      | 0    |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 3/25/2000  | 14:00 | 90.1  | 7.8      | 15500      | 0    |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 9/22/1999  | 8:54  | 90.5  | 7.9      | 15500      | 12   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 3/29/1998  | 9:51  | 90.1  | 8.6      | 11500      | 10   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 12/30/1998 |       | 88.3  | 7.8      | 16000      | 15   |      |      |     |      | 16320 |      |         |     | 10170 |      |        |        |      |      | 9.37  |        | 0.005 |      |         |       |      |      |       |
| 9/30/1998  |       | 89    | 7.1      | 18000      | 16   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 8/28/1998  |       | 89.2  | 7        | 15900      | 16   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 3/25/1998  |       | 90.1  | 8        | 15000      | 15   |      |      |     |      | 14420 |      |         |     | 11373 |      |        |        |      |      | 9.59  |        | 0.014 |      |         |       |      |      |       |
| 9/9/1997   |       | 88.3  | 8        | 16100      | 17   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 8/24/1997  |       |       |          |            |      | 2.6  | 3950 | 1   | 7.93 | 16100 | 5400 | 1.9     | 7   | 10630 | 0.1  | 0.005  | 0.005  | 17.9 | 15.5 | 0.06  | 0.028  | 0.119 | 11.9 | -0.0002 | 0.003 | 3900 |      |       |
| 6/24/1997  |       | 88.4  | 7.9      | 16200      | 18   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 3/20/1997  |       | 89.1  | 8.2      | 15300      | 15   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 12/17/1996 |       | 89.9  | 7.9      | 15100      | 11   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 12/17/1996 |       |       |          |            |      | 2.8  | 3920 | -1  | 7.44 | 16230 | 6680 | 0.03    | 14  | 10350 | 0.05 | -0.002 | -0.005 | 18.4 | 2.81 |       | 0.061  | 0.014 | 10.8 | -0.0002 | 0.002 | 4040 |      |       |
| 9/19/1996  |       | 90.5  | 7.8      | 16100      | 15   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 8/10/1996  |       |       |          |            |      | 3.7  | 3950 | -1  | 7.85 | 15810 | 4050 | 0.04    | 1   | 10800 | 0.08 | 0.018  | -0.005 | 17.9 | 1.59 | 0.03  | 0.048  | 0.059 | 12.5 | 0.0003  | 0.037 | 4200 |      |       |
| 6/10/1996  |       | 90.2  | 8.1      | 15600      | 17   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |
| 3/19/1996  | 7:32  | 90.1  | 8        | 14500      | 10   |      |      |     |      |       |      |         |     |       |      |        |        |      |      |       |        |       |      |         |       |      |      |       |

# MONITORING DATA FOR 2024 AHR

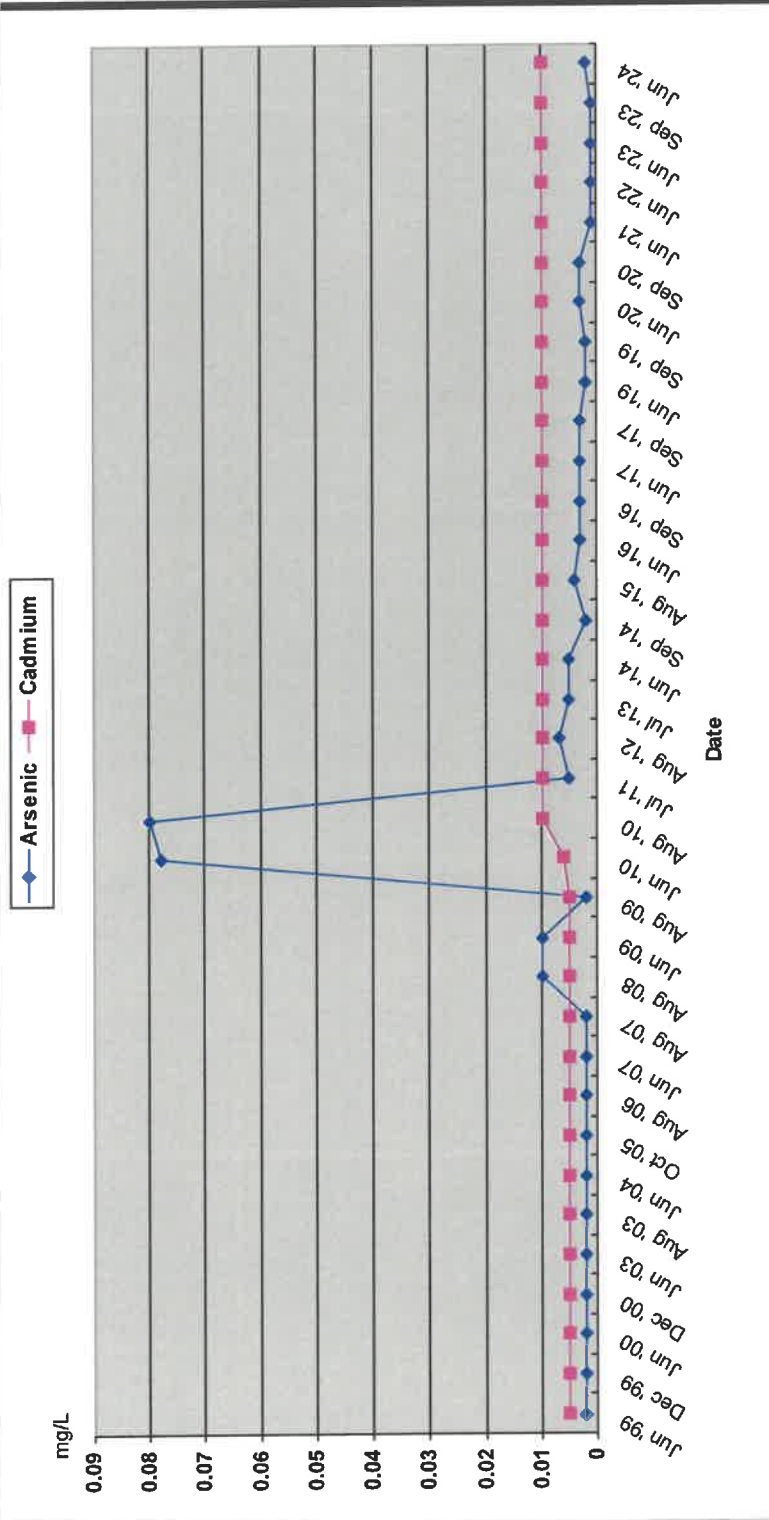
GROUNDWATER LOCATION: SC-1

| Date       | Time  | DEPTH | Field pH | Field Cond | Temp | NH3  | HCO3 | CO3  | pH   | Cond  | Cl   | NO3/NO2 | SO4 | TDS   | TSS | PO4    | As     | Cd     | Ca   | Fe-Tr | Fe-Dis | Mnd    | Mntr | Mg   | Hg      | Se     | Na   | Zn     |
|------------|-------|-------|----------|------------|------|------|------|------|------|-------|------|---------|-----|-------|-----|--------|--------|--------|------|-------|--------|--------|------|------|---------|--------|------|--------|
| 12/5/1995  | 7:44  |       |          |            |      | 3.1  | 3460 | 132  | 8.58 | 16000 | 4310 | 0.11    |     | 10300 |     | -0.01  | -0.005 | -0.005 | 20.2 | 3.44  | 0.03   | 0.080  | 0.11 | 12.8 | -0.0002 | -0.005 | 4000 | 0.085  |
| 12/5/1995  | 7:44  | 90.3  | 7.6      | 13700      | 13   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 9/6/1995   | 11:27 | 80.5  | 7.3      | 16100      | 15   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 8/8/1995   | 8:56  |       |          |            |      | 2.8  | 3680 | -1   | 7.95 | 15850 | 4290 | 0.07    |     | 10500 |     | -0.01  | -0.01  | -0.005 | 20.7 | 1.61  | 0.04   | 0.080  | 0.09 | 14.8 | -0.0002 | -0.01  | 4950 | -0.005 |
| 6/8/1995   | 8:56  | 92.8  | 7.8      | 14200      | 14   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 3/8/1995   | 12:44 | 80.5  | 7.6      | 14900      | 15   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 12/7/1994  | 9:33  |       |          |            |      | 2.3  | 3300 | -0.5 | 7.86 | 13900 | 3350 | 0.06    |     | 8650  |     | -0.01  | 0.091  | 0.005  | 23   | 10.2  | 0.05   | 0.150  | 0.15 | 11.4 | -0.0002 | 0.143  | 3600 | 0.12   |
| 12/7/1994  | 9:33  | 84.87 | 7.6      | 12800      | 12   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 9/16/1994  | 10:37 | 90    | 8.1      | 12500      | 15   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 6/29/1994  | 10:03 | 88.5  | 8.2      | 12300      | 16   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 6/29/1994  | 10:03 |       |          |            |      | 2.7  | 3290 | -1   | 8.00 | 12920 | 4300 | -0.02   |     | 8060  |     | 0.04   | -0.002 | -0.005 | 29   | 5.8   | -0.02  | 0.280  | 0.26 | 12   | -0.0002 | -0.002 | 3300 | 0.285  |
| 4/28/1994  | 13:15 | 78    | 8.3      | 11000      | 12   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 3/31/1994  | 8:50  | 78    | 8.2      | 12100      | 12   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 3/31/1994  | 8:50  |       |          |            |      | 2.15 | 2350 | 100  | 8.30 | 13430 | 3280 |         |     | 8136  | 34  | 0.019  | 0.002  | -0.02  | 25   | 2     | 0.1    | 10.000 |      | 20   | -0.0002 | -0.001 | 3035 | 0.38   |
| 12/22/1993 | 10:00 |       | 9.2      | 1300       | 13   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 11/10/1993 | 8:44  |       | 9.1      | 13300      | 13   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 11/10/1993 | 8:44  |       |          |            |      |      |      |      | 8.20 |       |      |         |     | 7980  | 16  |        |        |        |      | 0.88  |        |        |      |      |         |        |      |        |
| 8/30/1993  | 13:15 | 90    | 8.6      | 10700      | 15   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 8/30/1993  | 13:15 |       |          |            |      | 3.18 | 2676 | 78   | 8.10 | 13400 | 3431 | 0.02    |     | 8080  | 16  | 0.007  | -0.001 | -0.01  | 28   | 0.85  | 0.04   | 0.220  |      | 12   | -0.0002 | -0.001 | 3080 | 0.55   |
| 7/1/1993   | 13:55 |       |          |            |      | 2.26 | 1840 | 0    | 8.00 | 13300 | 3525 | 0.07    |     | 7800  | 118 | -0.005 | 0.002  | -0.01  | 25   | 3.83  | -0.04  | 0.200  |      | 12   | -0.0002 | -0.001 | 2660 | 0.27   |
| 7/1/1993   | 13:55 | 90    | 8.4      | 8900       | 16   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 4/30/1993  | 11:45 | 89.25 | 8        | 9000       | 17   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |
| 3/30/1993  | 9:00  |       |          |            |      | 2.28 | 1452 | 88   | 8.60 | 11700 | 3520 | -0.02   |     | 7714  | 40  | 0.013  | 0.002  | -0.025 | 26   | 0.28  | 0.28   | 0.200  |      | 12   | 0.0001  | -0.005 | 3180 | -0.05  |
| 3/30/1993  | 9:00  | 88.4  | 8.1      | 9000       | 13   |      |      |      |      |       |      |         |     |       |     |        |        |        |      |       |        |        |      |      |         |        |      |        |

SC-3 WELL  
B SEAM COAL  
SANBORN CREEK MINE

# MONITORING CHART FOR 2024 AHR

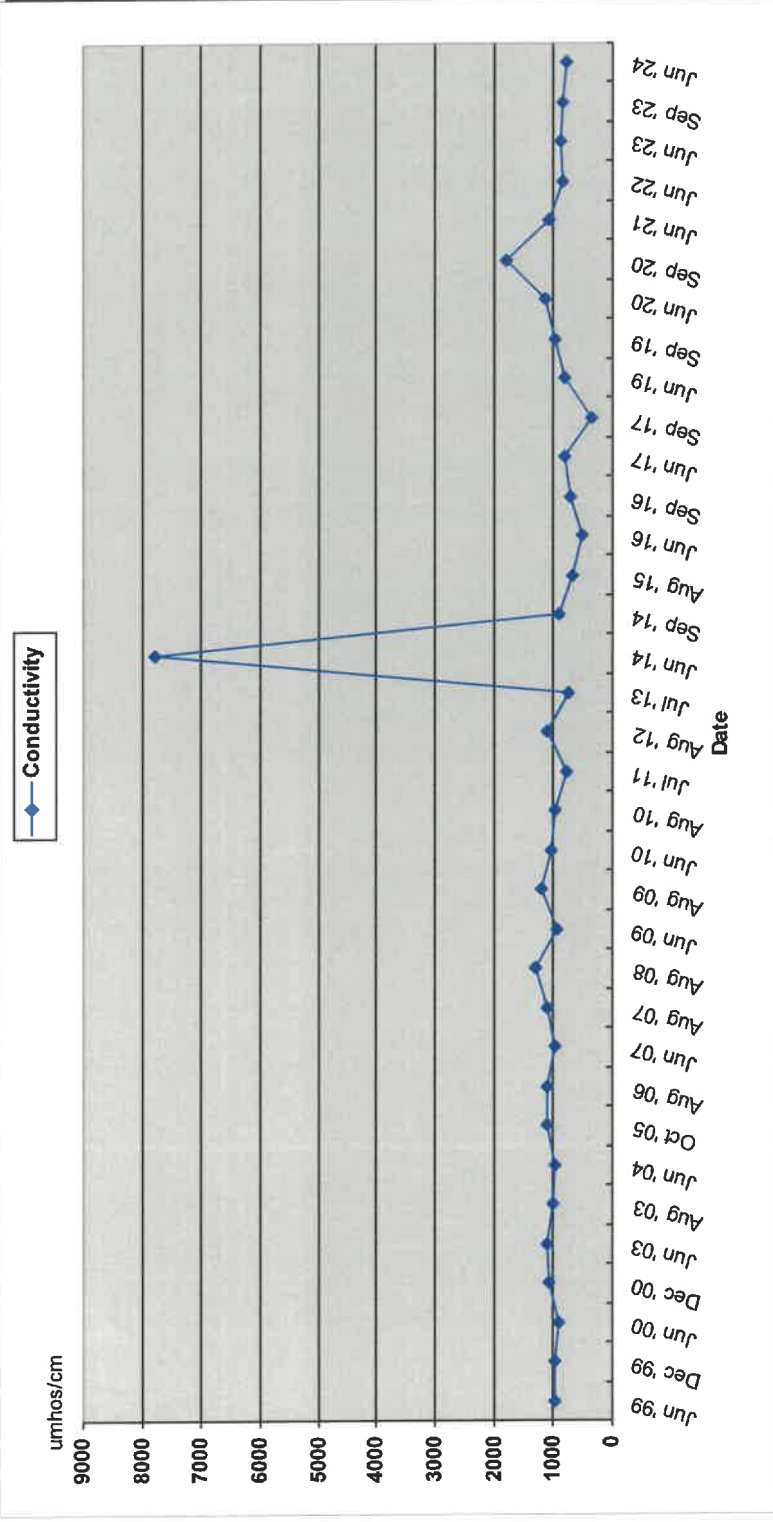
GROUND WATER LOCATION: SC-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

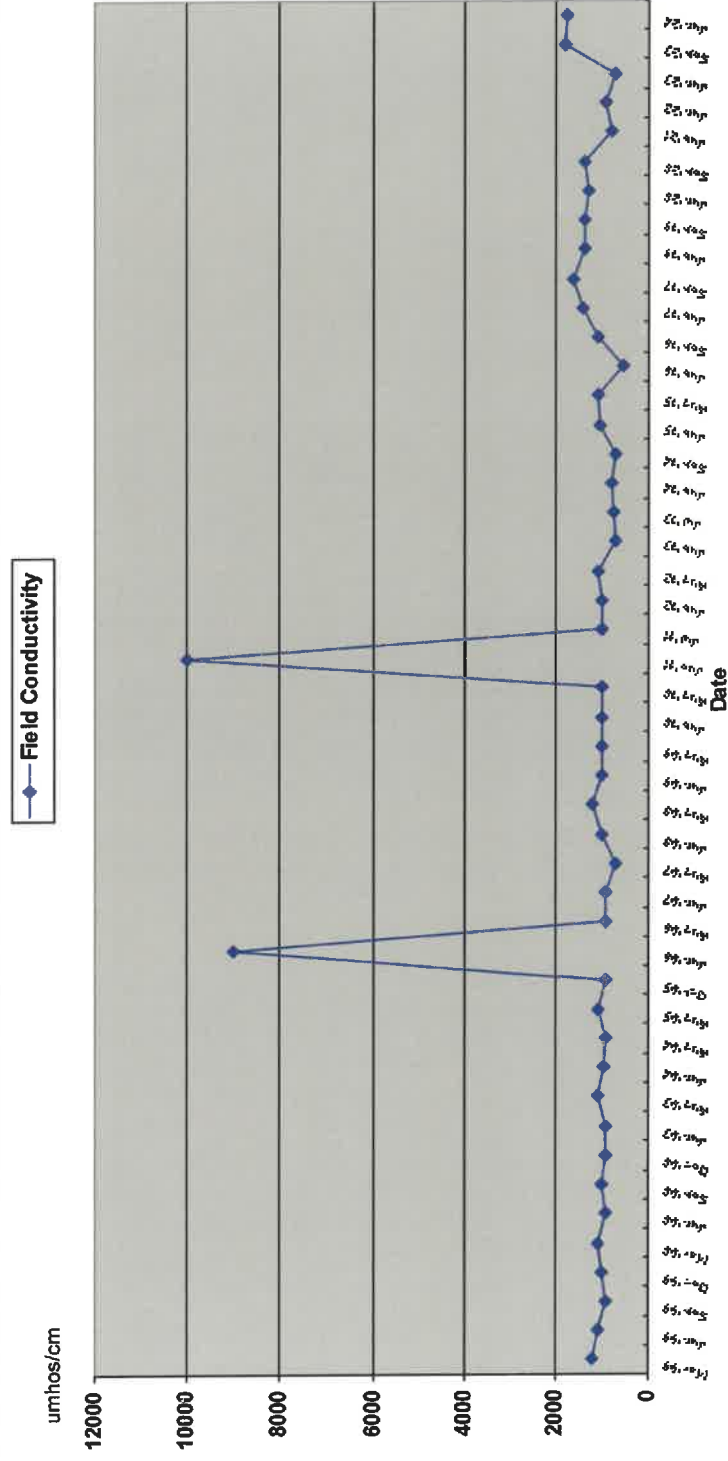
GROUND WATER LOCATION: SC-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

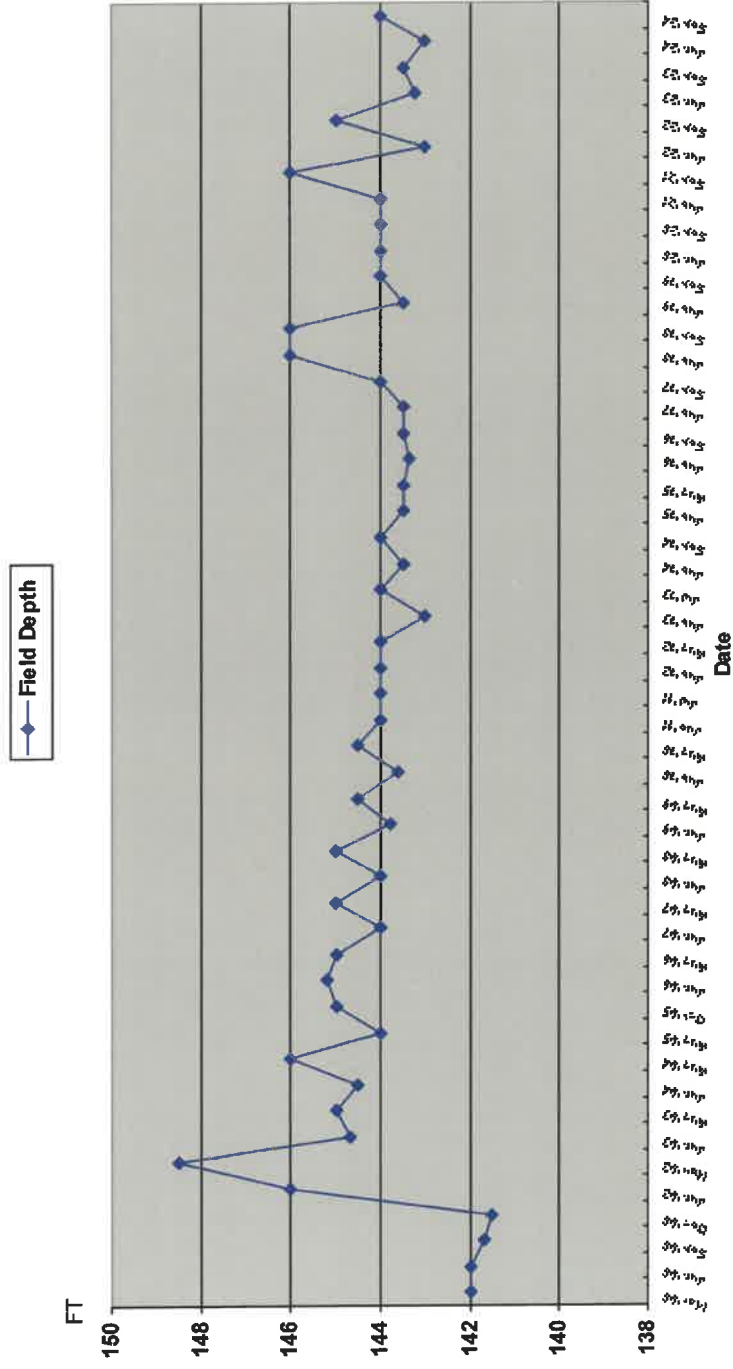
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-3



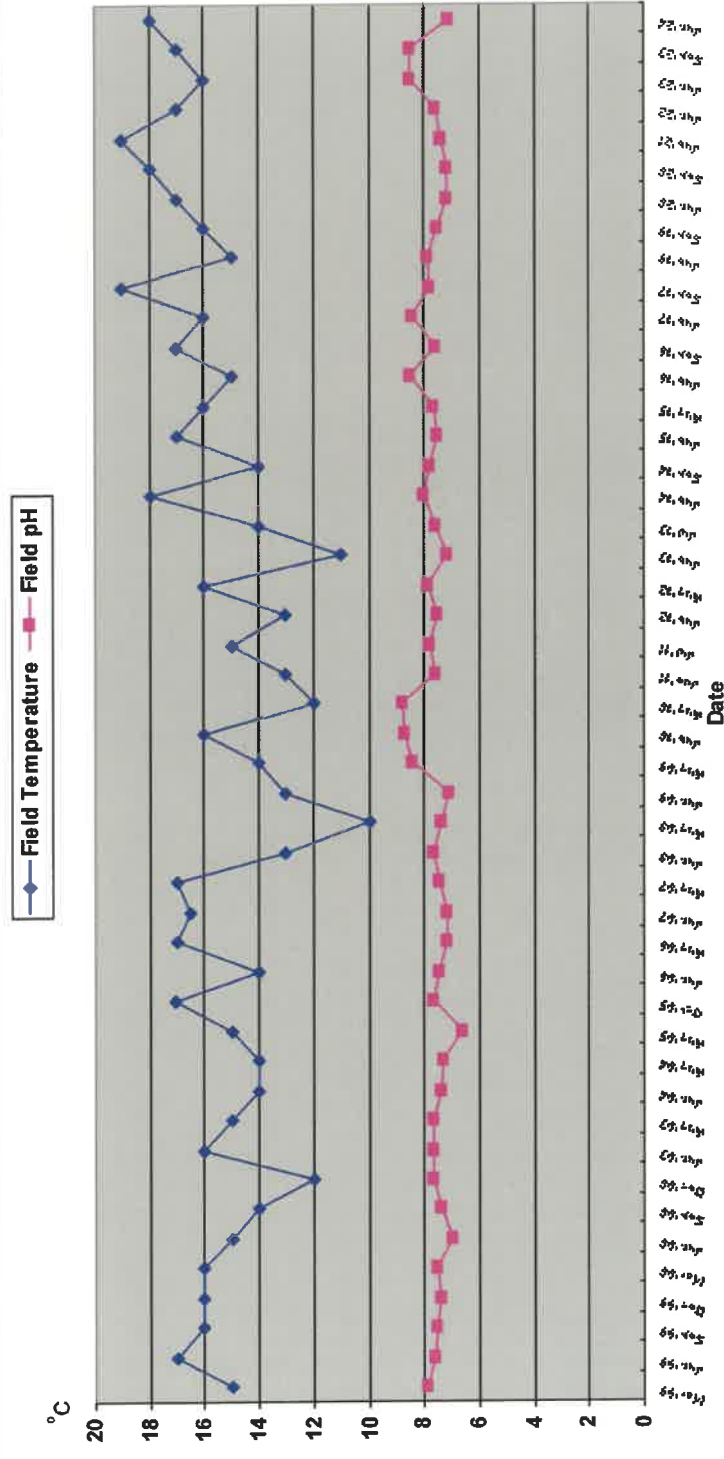
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-3



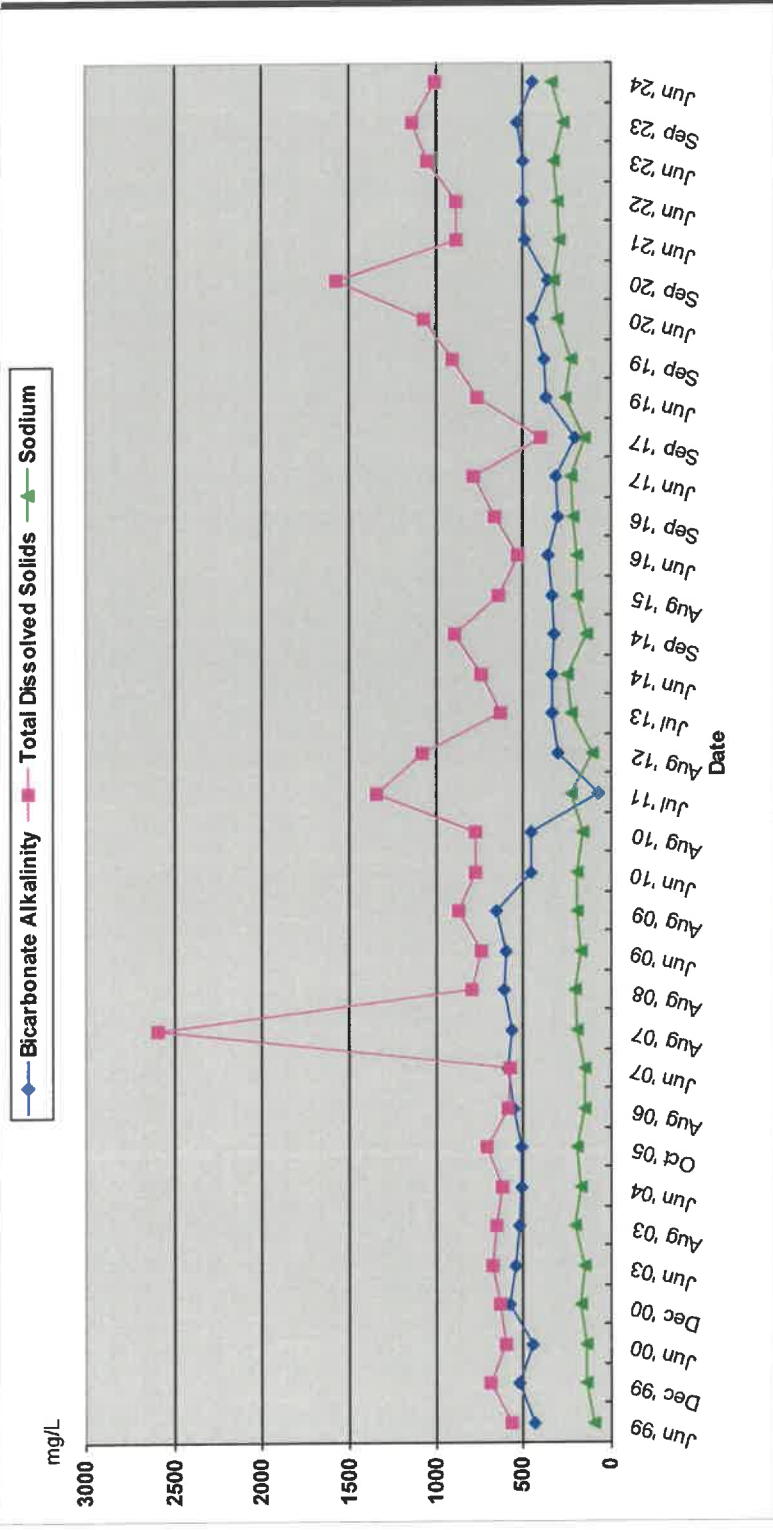
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-3



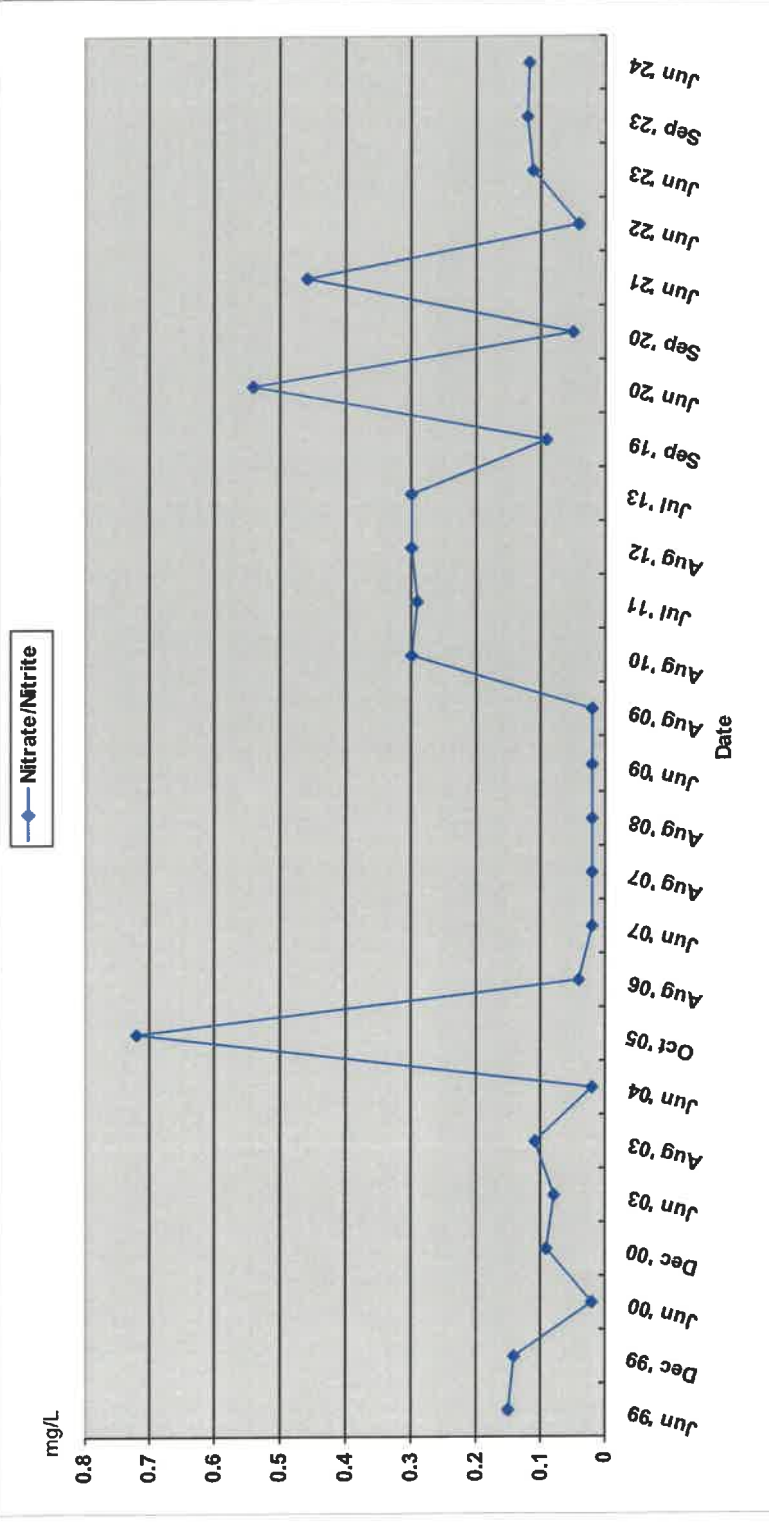
# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-3



# MONITORING CHART FOR 2024 AHR

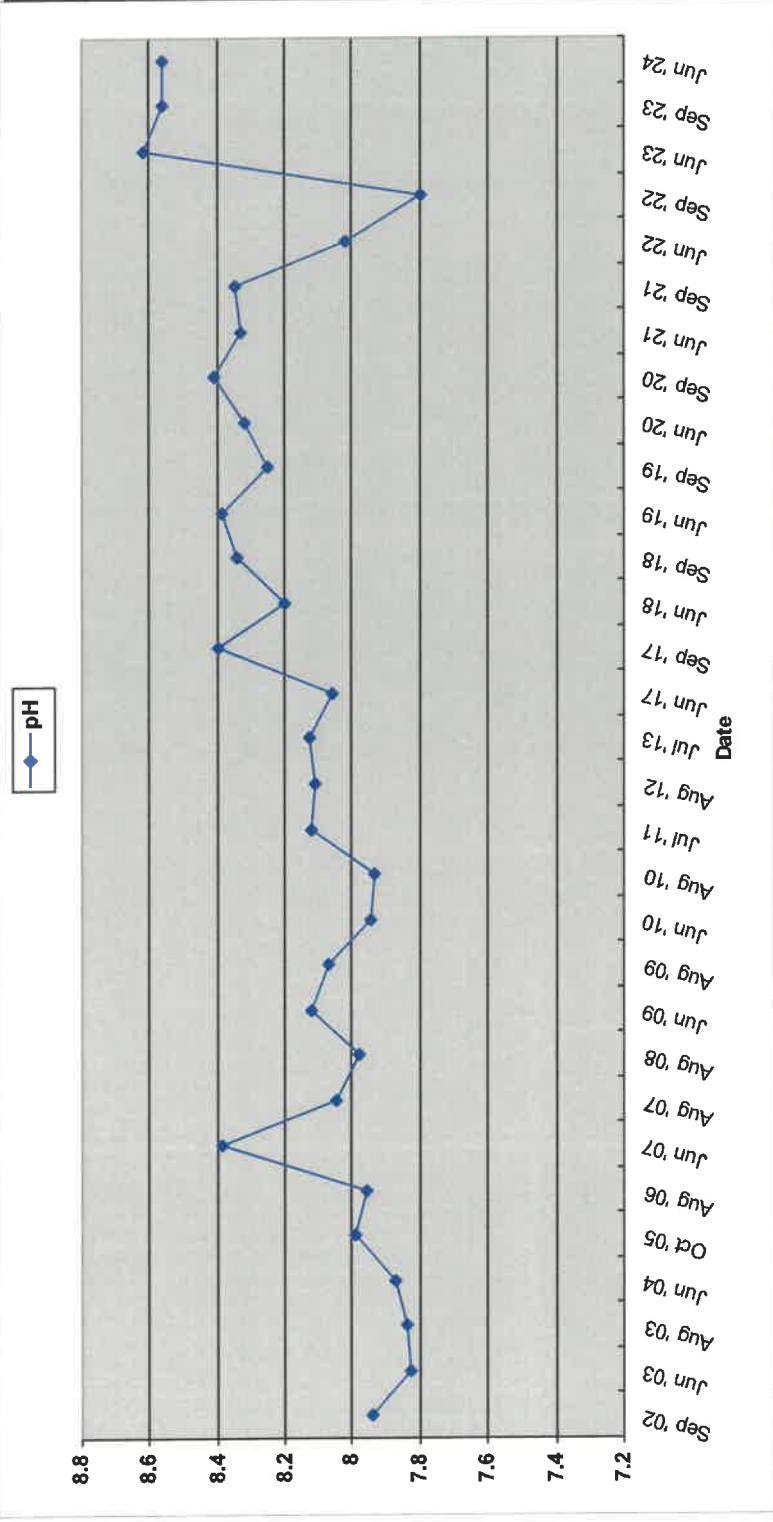
GROUND WATER LOCATION: SC-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

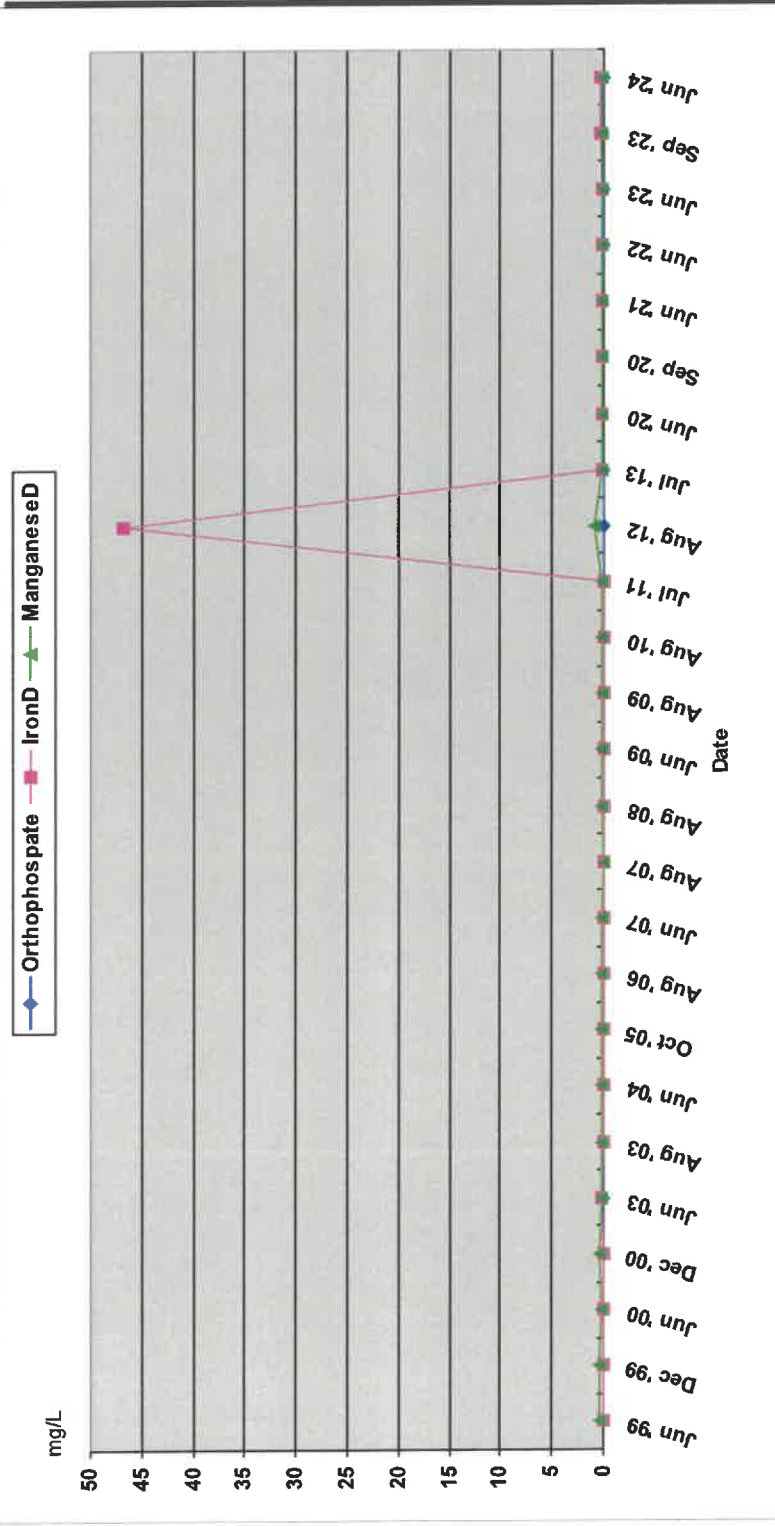
GROUND WATER LOCATION: SC-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

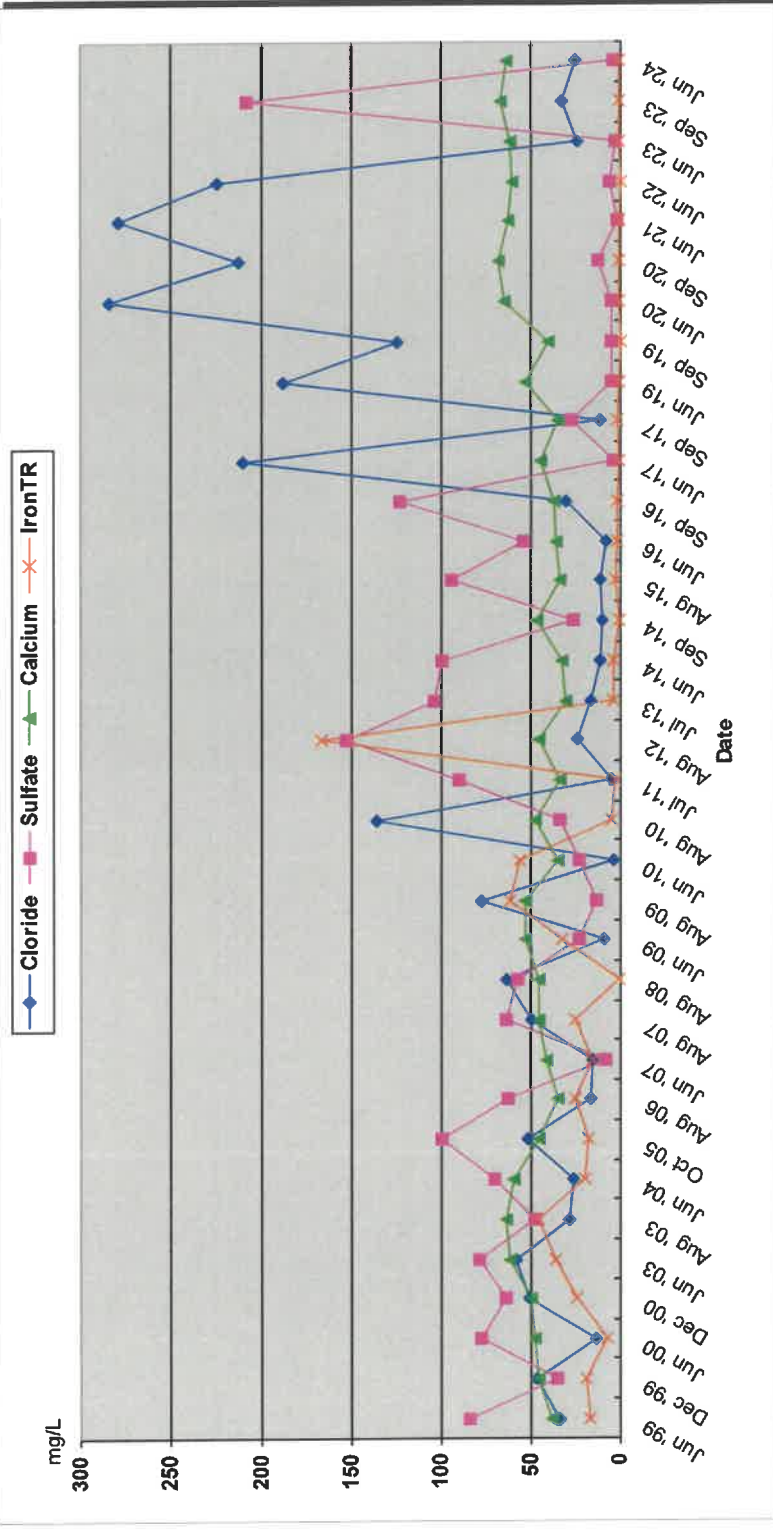
GROUND WATER LOCATION: SC-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

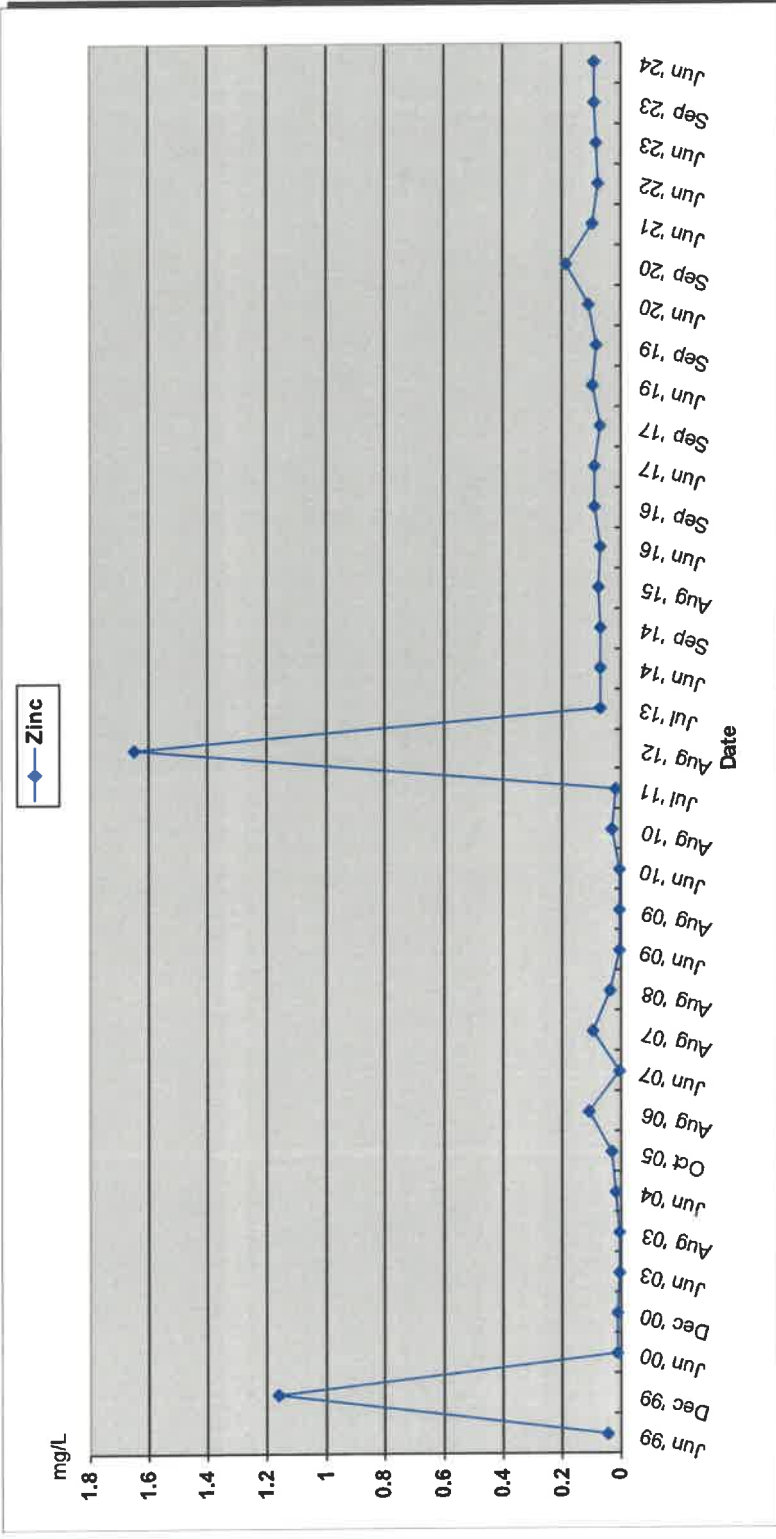
GROUND WATER LOCATION: SC-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: SC-3



Oxbow Mining, LLC., Elk Creek Mine  
Date : 06-Feb-25

# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: SC-3

| Date      | Time  | DEPTH  | Field pH | Field Cond | Tem | NH3   | HCO3   | CO3 | pH   | Cond | Cl     | NO3/NO2 | SO4    | TDS  | TSS   | PO4   | As    | Cd   | Ca    | Fe-Tr | Fe-Dis | Mnd   | Mntr | Mg | Hg | Se    | Na    | Zn |  |
|-----------|-------|--------|----------|------------|-----|-------|--------|-----|------|------|--------|---------|--------|------|-------|-------|-------|------|-------|-------|--------|-------|------|----|----|-------|-------|----|--|
| 9/23/2024 | 13:00 | 144    |          |            |     |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 6/24/2024 | 13:30 | 143    | 7.1      | 1760       | 18  | 0.658 | 448    | 0   | 8.11 | 772  | 25.12  | 0.119   | 4.2    | 1010 | 0.084 | 0.002 | 0.01  | 63.4 | 0.68  | 0.285 | 0.158  | 0.179 |      |    |    | 338   | 0.089 |    |  |
| 9/25/2023 | 13:20 | 143.5  | 8.5      | 1780       | 17  | 1.54  | 536    | 0   | 8.02 | 848  | 32.49  | 0.122   | 208.23 | 1136 | 0.112 | 0.001 | 0.01  | 66.7 | 0.655 | 0.281 | 0.139  | 0.185 |      |    |    | 272   | 0.09  |    |  |
| 6/28/2023 | 11:45 | 143.25 | 8.5      | 700        | 16  | 0.452 | 502.4  | 0   | 8.17 | 892  | 24.99  | 0.111   | 3.7    | 1050 | 0.088 | 0.001 | 0.01  | 62.1 | 0.634 | 0.279 | 0.164  | 0.174 |      |    |    | 332   | 0.098 |    |  |
| 9/19/2022 | 14:50 | 145    |          |            |     |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 6/27/2022 | 11:15 | 143    | 7.8      | 928        | 17  | 0.22  | 504    | 0   | 7.59 | 852  | 224    | 0.042   | 6.59   | 886  | 0.078 | 0.001 | 0.01  | 60.7 | 0.469 | 0.221 | 0.119  | 0.133 |      |    |    | 311   | 0.075 |    |  |
| 9/27/2021 | 15:35 | 146    |          |            |     |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 6/21/2021 | 11:00 | 144    | 7.4      | 806        | 19  | 0.505 | 496    | 0   | 7.80 | 1073 | 278.4  | 0.46    | 2.53   | 888  | 0.095 | 0.001 | 0.01  | 62.5 | 0.571 | 0.228 | 0.126  | 0.154 |      |    |    | 301   | 0.097 |    |  |
| 9/16/2020 | 12:30 | 144    | 7.2      | 1370       | 18  | 0.288 | 365    | 0   | 7.92 | 1789 | 212.7  | 0.051   | 13.17  | 1574 | 0.102 | 0.003 | 0.01  | 68.1 | 0.543 | 0.214 | 0.131  | 0.385 |      |    |    | 328   | 0.187 |    |  |
| 6/16/2020 | 11:45 | 144    | 7.2      | 1290       | 17  | 0.33  | 448    | 0   | 7.81 | 1139 | 283.6  | 0.54    | 4.84   | 1077 | 0.11  | 0.003 | 0.01  | 64.8 | 0.607 | 0.256 | 0.137  | 0.204 |      |    |    | 311   | 0.108 |    |  |
| 9/23/2019 | 13:45 | 144    | 7.5      | 1350       | 16  | 0.293 | 384    | 0   | 7.87 | 880  | 124.08 | 0.08    | 5.35   | 912  | 0     | 0.002 | 0.01  | 40.8 | 0.474 | 0.109 | 0.102  | 0.167 |      |    |    | 229   | 0.082 |    |  |
| 6/24/2019 | 11:50 | 143.5  | 7.9      | 1360       | 15  | 0.405 | 375    | 0   | 7.97 | 810  | 188.54 | 0       | 5.83   | 764  | 0     | 0.002 | 0.01  | 52.8 | 0.586 | 0.218 | 0.119  | 0.184 |      |    |    | 264   | 0.084 |    |  |
| 9/17/2018 | 13:00 | 146    |          |            |     |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 6/18/2018 | 13:40 | 148    |          |            |     |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 9/13/2017 | 12:30 | 144    | 7.8      | 1600       | 19  | 0.223 | 208.45 | 0   | 7.84 | 351  | 11.83  | 0       | 27.99  | 400  | 0     | 0.003 | 0.01  | 34.8 | 1.99  | 0.058 | 0.088  | 0.289 |      |    |    | 148   | 0.088 |    |  |
| 6/27/2017 | 10:00 | 143.5  | 8.4      | 1420       | 16  | 0.316 | 320.04 | 0   | 7.72 | 821  | 210.19 | 0       | 4.12   | 780  | 0     | 0.003 | 0.01  | 44.3 | 0.803 | 0.194 | 0.147  | 0.206 |      |    |    | 229   | 0.088 |    |  |
| 9/28/2016 | 8:46  | 143.5  | 7.6      | 1100       | 17  | 0.401 | 305.82 | 0   | 8.27 | 713  | 30.9   | 0       | 123.48 | 666  | 0     | 0.003 | 0.01  | 37.2 | 2.11  | 0.081 | 0.161  | 0.398 |      |    |    | 219   | 0.092 |    |  |
| 6/20/2016 | 8:46  | 143.35 | 8.5      | 580        | 15  | 0.381 | 359.18 | 0   | 8.05 | 513  | 8.88   | 0       | 53.75  | 538  | 0     | 0.003 | 0.01  | 35.8 | 2.28  | 0.087 | 0.129  | 0.316 |      |    |    | 197   | 0.074 |    |  |
| 8/18/2015 | 10:00 | 143.5  | 7.7      | 1090       | 16  | 0.364 | 341.61 | 0   | 8.04 | 686  | 11.83  | 0       | 94.33  | 847  | 0     | 0.004 | 0.01  | 34.1 | 3.25  | 0.084 | 0.104  | 0.255 |      |    |    | 202   | 0.077 |    |  |
| 6/16/2015 | 10:00 | 143.5  | 7.5      | 1030       | 17  |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 9/10/2014 | 9:00  | 144    | 7.8      | 710        | 14  | 0.612 | 329    | 0   | 7.47 | 913  | 10.9   | 0       | 26.75  | 902  | 0     | 0.002 | 0.01  | 47   | 0.98  | 0.04  | 0.100  | 0.12  |      |    |    | 139.2 | 0.07  |    |  |
| 6/25/2014 | 9:00  | 143.5  | 8        | 800        | 18  | 0.583 | 344    | 0   | 7.58 | 7800 | 11.78  | 0       | 99.71  | 744  | 0     | 0.005 | 0.01  | 32.8 | 3.88  | 0.106 | 0.110  | 0.234 |      |    |    | 247   | 0.068 |    |  |
| 7/19/2013 | 12:00 | 144    | 7.6      | 740        | 14  | 0.544 | 336    | 0   | 7.54 | 755  | 17.43  | 0.3     | 104.16 | 630  | 0.08  | 0.005 | 0.01  | 31.2 | 4.09  | 0.12  | 0.120  | 0.26  |      |    |    | 225   | 0.07  |    |  |
| 6/18/2013 | 12:00 | 143    | 7.2      | 720        | 11  |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 8/2/2012  | 13:30 | 144    | 7.9      | 1100       | 16  | 0.71  | 311.44 | 0   | 7.70 | 1102 | 24.81  | 0.3     | 153.55 | 1085 | 0.08  | 0.007 | 0.01  | 46.2 | 166.5 | 48.8  | 0.860  | 2.19  |      |    |    | 111.4 | 1.65  |    |  |
| 6/19/2012 | 13:00 | 144    | 7.5      | 1000       | 13  |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 7/26/2011 | 9:00  | 144    | 7.8      | 1000       | 15  | 0.18  | 78.62  | 0   | 7.49 | 790  | 4.96   | 0.29    | 90.14  | 1347 | 0.08  | 0.005 | 0.01  | 34   | 3.47  | 0.05  | 0.130  | 0.15  |      |    |    | 229   | 0.02  |    |  |
| 6/23/2011 | 12:00 | 144    | 7.8      | 10000      | 13  |       |        |     |      |      |        |         |        |      |       |       |       |      |       |       |        |       |      |    |    |       |       |    |  |
| 8/5/2010  | 6:30  | 144.5  | 8.8      | 1000       | 12  | 0.625 | 455.33 | 0   | 7.34 | 874  | 138.13 | 0.3     | 33.75  | 782  | 0.08  | 0.08  | 0.01  | 47.5 | 5.5   | 0.06  | 0.120  | 0.17  |      |    |    | 162.5 | 0.03  |    |  |
| 8/15/2010 | 8:30  | 143.8  | 8.7      | 1000       | 16  | 0.594 | 462.93 | 0   | 7.44 | 1040 | 4.56   |         | 23.05  | 780  | 0     | 0.078 | 0.006 | 34.8 | 56.2  | 0.04  | 0.026  | 0.89  |      |    |    | 192   | 0.008 |    |  |
| 8/4/2009  | 8:00  | 144.5  | 8.4      | 1000       | 14  | 0.84  | 660    | 1   | 7.34 | 1200 | 78     | 0.02    | 14     | 880  | 0.06  | 0.002 | 0.005 | 53   | 62    | 0.01  | 0.097  | 0.83  |      |    |    | 200   | 0.005 |    |  |
| 6/16/2009 | 10:00 | 143.8  | 7.1      | 1000       | 13  | 0.81  | 600    | 1   | 7.42 | 960  | 10     | 0.02    | 23     | 740  | 0.16  | 0.01  | 0.005 | 53   | 33    | 0.03  | 0.122  | 0.546 |      |    |    | 170   | 0.005 |    |  |
| 8/8/2008  | 10:30 | 145    | 7.4      | 1200       | 10  | 0.95  | 610    | 1   | 7.49 | 1300 | 64     | 0.02    | 57     | 800  | 0.02  | 0.01  | 0.005 | 46   | 0.93  | 0.01  | 0.134  | 0.134 |      |    |    | 210   | 0.04  |    |  |

# MONITORING DATA FOR 2024 AHR

GROUNDWATER LOCATION: SC-3

| Date       | Time  | DEPTH  | Field pH | Field Cond | Tem  | NH3  | HCO3 | CO3 | pH   | Cond | Cl | NO3/NO2 | SO4 | TDS  | TSS  | PO4   | As     | Cd    | Ca   | Fe-Tr | Fe-Dis | Mnd   | Mntr  | Mg      | Hg     | Se    | Na  | Zn    |  |
|------------|-------|--------|----------|------------|------|------|------|-----|------|------|----|---------|-----|------|------|-------|--------|-------|------|-------|--------|-------|-------|---------|--------|-------|-----|-------|--|
| 6/18/2008  | 8:30  | 144    | 7.7      | 1000       | 13   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 8/2/2007   | 8:00  | 145    | 7.49     | 700        | 17   | 0.19 | 570  | 1   | 7.52 | 1100 | 50 | 0.02    | 64  | 2600 | 0.01 | 0.002 | 0.005  | 46    | 26   | 0.01  | 0.005  | 0.43  |       |         |        |       | 200 | 0.1   |  |
| 6/19/2007  | 8:00  | 144    | 7.17     | 900        | 16.5 | 0.95 | 590  | 1   | 7.51 | 980  | 16 | 0.02    | 9   | 580  | 0.01 | 0.002 | 0.005  | 41    | 16   | 0.01  | 0.130  | 0.316 |       |         |        |       | 150 | 0.005 |  |
| 8/10/2006  | 12:00 | 145    | 7.16     | 800        | 17   | 1    | 560  | 1   | 7.74 | 1100 | 17 | 0.04    | 83  | 590  | 0.01 | 0.002 | 0.005  | 35    | 26   | 0.01  | 0.103  |       | 20    |         |        |       | 150 | 0.111 |  |
| 6/9/2006   | 12:00 | 145.2  | 7.45     | 9000       | 14   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 10/17/2005 | 11:00 | 145    | 7.68     | 930        | 17.1 | 1.4  | 510  | 1   | 7.60 | 1100 | 52 | 0.72    | 100 | 710  | 0.01 | 0.002 | 0.005  | 46    | 18   | 0.01  | 0.177  | 0.333 |       |         |        |       | 200 | 0.03  |  |
| 8/5/2005   | 9:45  | 144    | 6.6      | 1100       | 15   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 8/23/2004  | 10:43 | 146    | 7.3      | 830        | 14   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 6/22/2004  | 9:40  | 144.5  | 7.4      | 940        | 14   | 0.71 | 510  | 1   | 7.40 | 990  | 27 | 0.02    | 70  | 620  | 0.01 | 0.002 | 0.005  | 60    | 20   | 0.03  | 0.173  | 0.385 |       |         |        |       | 180 | 0.02  |  |
| 8/26/2003  | 9:15  | 145    | 7.69     | 1100       | 15   | 0.6  | 530  | 1   | 7.45 | 1000 | 29 | 0.11    | 48  | 860  | 0.01 | 0.002 | 0.005  | 84    | 48   | 0.01  | 0.129  | 0.546 |       |         |        |       | 210 | 0.005 |  |
| 6/17/2003  | 9:00  | 144.7  | 7.69     | 900        | 16   | 0.66 | 550  | 1   | 7.53 | 1100 | 58 | 0.08    | 79  | 680  | 0.01 | 0.002 | 0.005  | 82    | 36   | 0.21  | 0.181  | 0.585 |       |         |        |       | 150 | 0.005 |  |
| 11/6/2002  |       | 148.5  | 0        | 0          | 0    |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 6/25/2002  |       | 146    | 0        | 0          | 0    |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 12/29/2001 | 13:30 | 0      | 0        | 0          | 0    |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 9/28/2001  | 13:40 | 0      | 0        | 0          | 0    |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 6/28/2001  | 14:50 | 0      | 0        | 0          | 0    |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 3/30/2001  | 13:30 | 0      | 0        | 0          | 0    |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 12/29/2000 | 11:30 | 141.5  | 7.7      | 900        | 12   | 0.78 | 580  | 1   | 7.87 | 1063 | 51 | 0.09    | 64  | 640  | 750  | 0.01  | 0.002  | 0.005 | 48.9 | 24.7  | 0.01   | 0.362 | 0.125 | 20.6    | 0.0002 | 0.002 | 170 | 0.015 |  |
| 9/28/2000  | 15:00 | 141.7  | 7.4      | 1000       | 14   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 6/26/2000  | 13:09 | 142    | 7        | 900        | 15   | 1.2  | 450  | 1   | 7.03 | 910  | 14 | 0.02    | 78  | 600  | 920  | 0.03  | 0.002  | 0.005 | 47.8 | 7.53  | 0.01   | 0.183 | 0.14  | 15.1    | 0.0002 | 0.007 | 140 | 0.016 |  |
| 3/25/2000  | 14:30 | 142    | 7.5      | 1100       | 16   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 12/14/1999 | 13:00 | 141    | 7.4      | 1000       | 16   | 1.21 | 530  | 1   | 7.31 | 965  | 47 | 0.14    | 35  | 690  | 675  | 0.01  | 0.002  | 0.005 | 45.3 | 18.7  | 0.01   | 0.283 | 0.279 | 16.2    | 0.0002 | 0.018 | 141 | 1.16  |  |
| 9/22/1999  | 8:45  | 142.5  | 7.5      | 900        | 18   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 6/30/1999  | 13:10 | 141.25 | 7.6      | 1100       | 17   | 1.54 | 442  | 1   | 7.27 | 972  | 34 | 0.15    | 84  | 565  | 865  | 0.01  | 0.002  | 0.005 | 38   | 17.2  | 0.01   | 0.283 | 0.147 | 13.2    | 0.0002 | 0.002 | 102 | 0.045 |  |
| 3/29/1999  | 10:37 | 142    | 7.9      | 1200       | 15   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 12/30/1998 |       | 142    | 7.4      | 1000       | 19   |      |      |     |      | 916  |    |         |     | 527  |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 9/30/1998  |       | 142    | 7.5      | 1010       | 19   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 6/29/1998  |       | 143    | 7.6      | 1190       | 19   |      |      |     |      | 956  |    |         |     | 600  |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 3/25/1998  |       | 142.6  | 8.3      | 1100       | 12   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 9/8/1997   |       | 142.3  | 7.8      | 1200       | 15   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 6/24/1997  |       |        |          |            |      | 0.5  | 470  | -1  | 7.47 | 990  | 25 | 1.6     | 107 | 630  | 0.36 | 0.006 | -0.005 | 51.9  | 11.2 | 0.03  | 0.096  | 0.236 | 19.2  | -0.0002 | 0.005  | 160   |     |       |  |
| 6/24/1997  |       | 141.8  | 7.8      | 920        | 17   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |
| 3/20/1997  |       | 143    | 7.4      | 1000       | 15   |      |      |     |      |      |    |         |     |      |      |       |        |       |      |       |        |       |       |         |        |       |     |       |  |

# MONITORING DATA FOR 2024 AHR

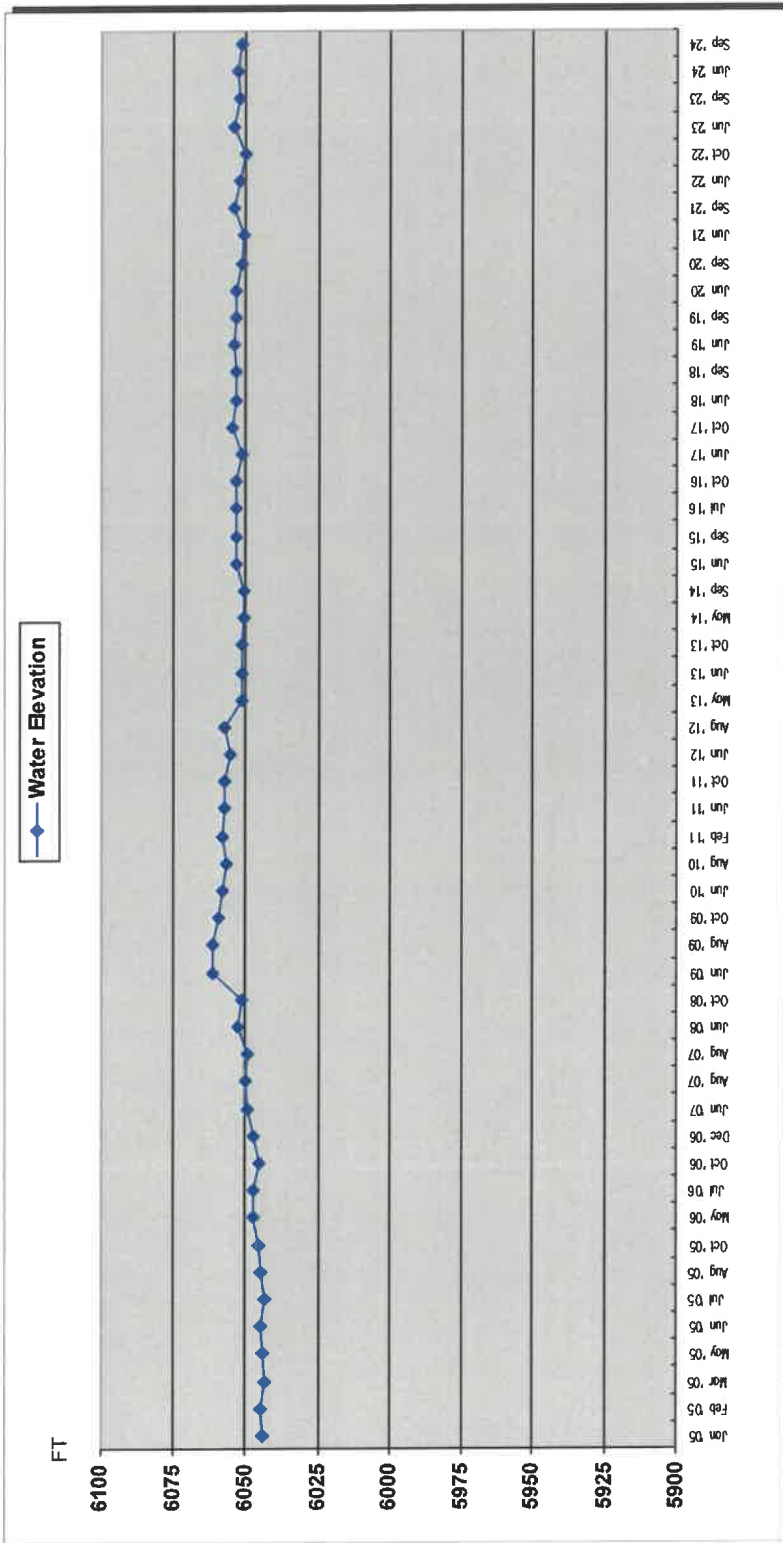
GROUNDWATER LOCATION: SC-3

| Date       | Time  | DEPTH  | Field pH | Field Cond | Tem | NH3  | HCO3 | CO3  | pH   | Cond | Cl | NO3/NO2 | SO4 | TDS | TSS   | PO4    | As     | Cd     | Ca   | Fe-Tr  | Fe-Dis | Mnd   | Mntr | Mg      | Hg     | Se  | Na     | Zn |  |
|------------|-------|--------|----------|------------|-----|------|------|------|------|------|----|---------|-----|-----|-------|--------|--------|--------|------|--------|--------|-------|------|---------|--------|-----|--------|----|--|
| 12/17/1996 |       | 143.8  | 7.9      | 1170       | 10  | 0.62 | 560  | -1   | 7.48 | 1140 | 75 | 0.02    | 70  | 710 | -0.01 | -0.002 | -0.005 | 47.8   | 11.1 | -0.005 | 0.022  | 0.287 | 17.9 | 0.0002  | -0.002 | 167 |        |    |  |
| 12/17/1996 |       |        |          |            |     |      |      |      | 7.48 |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 9/16/1996  |       | 142.2  | 7.5      | 1000       | 15  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 6/10/1996  |       |        |          |            |     | 0.98 | 470  | -1   | 7.45 | 979  | 6  | 0.05    | 94  | 710 | 0.02  | -0.002 | -0.005 | 55.1   | 4.46 | -0.01  | 0.140  | 0.173 | 22.5 | -0.0002 | 0.002  | 180 |        |    |  |
| 6/10/1996  |       | 141    | 7.5      | 880        | 16  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 3/19/1996  | 8:13  | 143.12 | 7.7      | 1010       | 12  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 12/5/1995  | 10:18 | 142.9  | 7.7      | 930        | 13  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 12/5/1995  | 10:18 |        |          |            |     | 1.5  | 481  | -1   | 7.52 | 910  | 12 | 0.04    |     | 560 | -0.01 | -0.005 | -0.005 | 46.5   | 3.75 | 0.02   | 0.120  | 0.18  | 17   | -0.0002 | -0.005 | 150 | 0.087  |    |  |
| 9/6/1995   | 13:27 | 142.2  | 7.5      | 1000       | 15  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 6/8/1995   | 10:57 |        |          |            |     | 0.45 | 412  | -1   | 7.47 | 950  | 16 | 0.08    |     | 590 | -0.01 | -0.002 | -0.005 | 52.4   | 5.04 | -0.005 | 0.124  | 0.18  | 21.3 | -0.0002 | 0.008  | 193 | -0.005 |    |  |
| 6/8/1995   | 10:57 | #####  | 7.4      | 880        | 13  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 3/15/1995  | 12:33 | 142.75 | 7.3      | 1020       | 15  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 12/7/1994  | 10:57 | 148.5  | 8.6      | 1000       | 12  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 12/7/1994  | 10:57 |        |          |            |     | 1.2  | 530  | -0.5 | 7.57 | 1000 | 16 | 0.1     |     | 660 | 0.02  | 0.035  | -0.005 | 49     | 21.2 | 0.02   | 0.100  | 0.1   | 19.4 | -0.0002 | 0.007  | 160 | 0.008  |    |  |
| 9/16/1994  | 11:39 | 143    | 7.7      | 950        | 16  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 6/28/1994  | 11:00 |        |          |            |     | 0.8  | 510  | -1   | 7.55 | 1130 | 51 | 0.04    |     | 720 | -0.01 | -0.002 | -0.005 | 56     | 19   | -0.02  | 0.150  | 0.35  | 20   | -0.0002 | -0.002 | 160 | -0.005 |    |  |
| 6/28/1994  | 11:00 | 158    | 8        | 1200       | 16  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 4/28/1994  | 14:10 | 142    | 8.2      | 1200       | 17  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 3/31/1994  | 10:04 |        |          |            |     | 0.61 | 380  | 0    | 7.70 | 1197 | 14 |         |     | 746 | 888   | -0.005 | -0.001 | -0.005 | 70   | 11     | 0.11   | 0.170 | 28   | -0.0002 | -0.001 | 149 | 0.02   |    |  |
| 3/31/1994  | 10:04 | 142    | 7.9      | 1300       | 19  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 11/10/1993 | 9:15  |        | 8.1      | 1200       | 11  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 8/30/1993  | 11:45 | 142    | 8.4      | 930        | 15  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 8/30/1993  | 11:45 |        |          |            |     | 0.7  | 456  | 0    | 7.80 | 1020 | 10 | 0.05    |     | 566 | 570   | -0.005 | -0.001 | -0.005 | 48   | 13     | 0.56   | 0.130 | 18   | -0.0002 | -0.001 | 145 | 0.1    |    |  |
| 7/1/1993   | 12:00 |        |          |            |     | 0.6  | 388  | 0    | 7.50 | 906  | 8  | 0.02    |     | 568 | 364   | -0.005 | -0.001 | -0.005 | 54   | 11.6   | 0.38   | 0.170 | 21   | -0.0002 | 0.001  | 132 | 0.12   |    |  |
| 7/1/1993   | 12:00 | 141    | 8        | 920        | 17  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 4/30/1993  | 12:20 | 140.75 | 7.6      | 850        | 15  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |
| 3/30/1993  | 8:50  |        |          |            |     | 0.71 | 416  | 28   | 8.60 | 866  | 17 | 0.02    |     | 566 | 1640  | -0.005 | -0.001 | -0.005 | 49   | 42     | 0.02   | 0.130 | 19   | 0.0008  | -0.001 | 143 | -0.01  |    |  |
| 3/30/1993  | 8:50  | 142.75 | 7.8      | 900        | 13  |      |      |      |      |      |    |         |     |     |       |        |        |        |      |        |        |       |      |         |        |     |        |    |  |

**D2B**

# MONITORING CHART FOR 2024 AHR

GROUND WATER LOCATION: D2B



Oxbow Mining, LLC., Elk Creek Mine  
Date : 04-Feb-25