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This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(i)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per output. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

|   |                           |                    |   |                    |  |
|---|---------------------------|--------------------|---|--------------------|--|
| Permit #:   | CO0000132                 | Permittee:         | Oxbow Mining LLC                                    | Facility:          | SANBORN CRK & ELK CRK MINES            |
| Major:  | No                        | Permittee Address: | PO Box 535<br>Somerset, CO 81434-0535               | Facility Location: | 3737 HIGHWAY 133<br>SOMERSET, CO 81434 |
| Permitted Feature:  | 009<br>External Outfall   | Discharge:         | 009-A<br>Surface Runoff to N Fork of Gunnison River | Status:            | NetDMR Validated                       |
| Report Dates & Status   |                           | DMR Due Date:      | 05/28/24  | Telephone:         | 970-929-5122                           |
| Monitoring Period:  | From 04/01/24 to 04/30/24 |                    |   |                    |  |
| Considerations for Form Completion  |                           |                    |   |                    |  |
| TSS & Total Recoverable Iron Limits will be waived, and settleable solids limit applied for <=10YR.24hr precip event. 30 day avg is highest monthly avg during period reported. |                           |                    |   |                    |  |
| Principal Executive Officer   |                           |                    |   |                    |  |
| First Name:   | MIKE                      | Title:             | PRESIDENT   |                    |  |
| Last Name:  | LUDLOW                    |                    |   |                    |  |
| No Data Indicator (NDDI)  |                           |                    |   |                    |  |
| Form NDDI   |                           |                    |   |                    |  |

| Code  | Parameter Name                           | Monitoring Location | Session & Param NDDI | Sample Permit Req Value NDDI | Sample Permit Req Value NDDI | Qualifier 1 | Value 1                             | Qualifier 2 | Value 2                         | Qualifier 3 | Value 3 | Unit      | # of Ex | Frequency of Analysis | Sample Type |
|-------|--|---------------------|----------------------|------------------------------|------------------------------|-------------|-------------------------------------|-------------|---------------------------------|-------------|---------|-----------|---------|-----------------------|-------------|
| 00400 | pH                                       | 1 - Effluent Gross  | 0 -                  |                              |                              | >=          | 6.5 MINIMUM<br>C - No Discharge     | <=          | 9.0 MAXIMUM<br>C - No Discharge |             |         | 12 - SU   |         | 01/30 - Monthly       | GR - GRAB   |
| 00550 | Solids, total suspended                  | 1 - Effluent Gross  | 0 -                  |                              |                              | <=          | 35.0 30DA AVG<br>C - No Discharge   |             |                                 |             |         | 19 - mg/L |         | 01/30 - Monthly       | GR - GRAB   |
| 00980 | Iron, total recoverable                  | 1 - Effluent Gross  | 0 -                  |                              |                              | <=          | 1000.0 30DA AVG<br>C - No Discharge |             |                                 |             |         | 28 - ug/L |         | 01/30 - Monthly       | GR - GRAB   |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0 -                  |                              |                              |             | 0.039 30DA AVG<br>C - No Discharge  |             |                                 |             |         | 03 - MGD  |         | 01/30 - Monthly       | IN - INSTAN |

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

**No errors.**

**Comments**

**Attachments**  
No attachments.

**Report Last Saved By**  
Oxbow Mining LLC

**User:**  
GHGSMITHOXBOW  
Douglas Smith  
doug.smith@oxbow.com

**E-Mail:**  
2024-05-01 10:04 (Time Zone: -06:00)

**Date/Time:**

**Report Last Signed By**  
User:

Name:  
E-Mail:  
Date/Time:

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DMR Copy of Record

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|   |                           |                           |                                       |                           |  |
|---|---------------------------|---------------------------|---------------------------------------|---------------------------|--|
| <b>Permit #:</b>  | CO0000132                 | <b>Permittee:</b>         | Oxbow Mining LLC                      | <b>Facility:</b>          | SANBORN CRK & ELK CRK MINES            |
| <b>Major:</b>   | No                        | <b>Permittee Address:</b> | PO Box 535<br>Somerset, CO 81434-0535 | <b>Facility Location:</b> | 3737 HIGHWAY 133<br>SOMERSET, CO 81434 |
| <b>Permitted Feature:</b>   | 012<br>External Outfall   | <b>Discharge:</b>         | 012-A<br>Sediment Pond to Elk Creek   |                           |  |
| <b>Report Dates &amp; Status</b>  |                           | <b>DMR Due Date:</b>      | 05/28/24                              | <b>Status:</b>            | NetDMR Validated                       |
| <b>Monitoring Period:</b>   | From 04/01/24 to 04/30/24 |                           |                                       |                           |  |
| <b>Considerations for Form Completion</b>   |                           |                           |                                       |                           |  |
| <b>TSS &amp; Total Recoverable Iron limits will be waived, and Settleable Solids Lmt applied for &lt;=10yr 24hr precip event. 30 day avg is highest monthly avg during period reported. Report calculated SAR at MLOC=EG; adjusted SAR at MLOC=P.</b> |                           |                           |                                       |                           |  |
| <b>Principal Executive Officer</b>  |                           | <b>Title:</b>             | PRESIDENT                             | <b>Telephone:</b>         | 970-923-5122                           |
| <b>First Name:</b>  | MIKE                      |                           |                                       |                           |  |
| <b>Last Name:</b>   | LUDLOW                    |                           |                                       |                           |  |
| <b>No Data Indicator (NODI)</b>   | --                        |                           |                                       |                           |  |
| <b>Form NODI:</b>   |                           |                           |                                       |                           |  |

  

| Code  | Parameter Name                     | Monitoring Location | Station # | Param NODI | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units             | Qualifier 3 | Value 3 | Units | # of Ex | Frequency of Analysis  | Sample Type          |
|-------|------------------------------------|---------------------|-----------|------------|-------------|---------|-------------|---------|-------------------|-------------|---------|-------|---------|------------------------|----------------------|
| 00010 | Temperature, water deg. centigrade | 1 - Effluent Gross  | 0         | --         |             |         |             |         | Req Mon MAX WK AV | 04 - deg C  |         |       | 9999    | Continuous             | RC - Recorder (auto) |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00094 | Conductivity                       | 1 - Effluent Gross  | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 7B - dS/m   |         |       |         | 0230 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00400 | pH                                 | 1 - Effluent Gross  | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 12 - SU     |         |       |         | 0130 - Monthly         | GR - GRAB            |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00440 | Bicarbonate Ion- [as HCO3]         | 1 - Effluent Gross  | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 19 - mg/L   |         |       |         | 0230 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00630 | Solids, total suspended            | 1 - Effluent Gross  | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 19 - mg/L   |         |       |         | 0130 - Monthly         | GR - GRAB            |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00918 | Calcium, total recoverable         | 1 - Effluent Gross  | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 19 - mg/L   |         |       |         | 0230 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00921 | Magnesium, total recoverable       | 1 - Effluent Gross  | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 19 - mg/L   |         |       |         | 0230 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00923 | Sodium, total recoverable          | 1 - Effluent Gross  | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 18 - mg/L   |         |       |         | 0230 - Twice Per Month | GR - GRAB            |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00931 | Sodium adsorption ratio            | EG - Effluent Gross | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 1U - Ratio  |         |       |         | 0230 - Twice Per Month | CA - CALCTD          |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |
| 00931 | Sodium adsorption ratio            | P - See Comments    | 0         | --         |             |         |             |         | Req Mon 30DA AVG  | 1U - Ratio  |         |       |         | 0230 - Twice Per Month | CA - CALCTD          |
|       |                                    |                     |           |            |             |         |             |         | C - No Discharge  |             |         |       |         |                        |                      |

| 00940 | Chloride [as Cl]                           | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon 30DA AVG C - No Discharge  | 19 - mg/L | 0250 - Twice Per Month GR - GRAB |
|-------|--|--------------------|---|---|-------------------------------|------------------------------------|-----------|----------------------------------|
| 00978 | Arsenic, total recoverable                 | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon 30DA AVG C - No Discharge  | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 00980 | Iron, total recoverable                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon 30DA AVG C - No Discharge  | 28 - ug/L | 0120 - Monthly GR - GRAB         |
| 01046 | Iron, dissolved [as Fe]                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon 30DA AVG C - No Discharge  | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01056 | Manganese, dissolved [as Mn]               | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon 30DA AVG C - No Discharge  | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01074 | Nickel, total recoverable                  | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon 30DA AVG C - No Discharge  | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01113 | Cadmium, total recoverable                 | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01114 | Lead, total recoverable                    | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01118 | Chromium, total recoverable                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01303 | Zinc, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01306 | Copper, potentially dissolved              | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01313 | Cadmium, potentially dissolved             | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01314 | Chromium, trivalent, potentially dissolved | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01318 | Lead, potentially dissolved                | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01319 | Manganese, potentially dissolved           | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01322 | Nickel, potentially dissolved              | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 01323 | Selenium, potentially dissolved            | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
| 03582 | Oil and grease                             | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | 10.0 INST MAX C - No Discharge     | 19 - mg/L | 7777 - Contingent GR - GRAB      |
| 04262 | Chromium, trivalent total recoverable      | 1 - Effluent Gross | 0 | - | Sample Permit Req. Value NODD | Req Mon DAILY MAX C - No Discharge | 28 - ug/L | 0250 - Twice Per Month GR - GRAB |
|       |  |                    |   |   | Sample Permit Req. Value NODD | 0.004 30DA AVG                     |           | 0120 - Monthly IN - INSTAN       |

| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Value NOD                    | C - No Discharge                  | C - No Discharge | 0230 - Twice Per Month GR - GRAB |
|-------|--|--------------------|---|----|------------------------------|-----------------------------------|------------------|----------------------------------|
| 50286 | Mercury, total [low level]               | 1 - Effluent Gross | 0 | -- | Sample Permit Flag Value NOD | Req Mon 30DA AVG C - No Discharge | 28 - ug/L        | 0230 - Twice Per Month GR - GRAB |
| 51202 | Sulfide-hydrogen sulfide [undissociated] | 1 - Effluent Gross | 0 | -- | Sample Permit Flag Value NOD | Req Mon 30DA AVG C - No Discharge | 19 - mg/L        | 0230 - Twice Per Month GR - GRAB |
| 81020 | Sulfate                                  | 1 - Effluent Gross | 0 | -- | Sample Permit Flag Value NOD | Req Mon 30DA AVG C - No Discharge | 19 - mg/L        | 0230 - Twice Per Month GR - GRAB |
| 82057 | Boron, total                             | 1 - Effluent Gross | 0 | -- | Sample Permit Flag Value NOD | Req Mon 30DA AVG C - No Discharge | 19 - mg/L        | 0230 - Twice Per Month GR - GRAB |
| 84066 | Oil and grease visual                    | 1 - Effluent Gross | 0 | -- | Sample Permit Flag Value NOD | Req Mon INST MAX C - No Discharge | 0130 - Monthly   | VI - VISUAL                      |

**Submission Note**

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**Edit Check Errors**

No errors.

**Comments**

No attachments.

**Report Last Saved By**

Oxbow Mining LLC

**User:**

Douglas Smith

**E-Mail:**

doug.smith@oxbow.com

**Date/Time:**

2024-05-01 10:03 (Time Zone: -06:00)

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