

# DMR Copy of Record

## Permit

|                    |                         |                    |                                      |                    |                                        |
|--------------------|-------------------------|--------------------|--------------------------------------|--------------------|----------------------------------------|
| Permit #:          | CO0000132               | Permittee:         | Oxbow Mining LLC                     | Facility:          | SANBORN CRK & ELK CRK MINES            |
| Major:             | No                      | Permittee Address: | PO Box 535<br>Someset, CO 81434-0535 | Facility Location: | 3737 HIGHWAY 133<br>SOMERSET, CO 81434 |
| Permitted Feature: | 012<br>External Outfall | Discharge:         | 012-A<br>Sediment Pond to Elk Creek  |                    |                                        |

## Report Dates & Status

|                    |                           |               |          |         |                   |
|--------------------|---------------------------|---------------|----------|---------|-------------------|
| Monitoring Period: | From 07/01/22 to 07/31/22 | DMR Due Date: | 08/28/22 | Status: | Not DMR Validated |
|--------------------|---------------------------|---------------|----------|---------|-------------------|

## Considerations for Form Completion

TSS & Total Recoverable Iron limits will be waived, and Satisfiable Solids Limit applied for <=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.

## Principal Executive Officer

|             |      |       |           |            |              |
|-------------|------|-------|-----------|------------|--------------|
| First Name: | MIKE | 738r: | PRESIDENT | Telephone: | 970-929-5122 |
|-------------|------|-------|-----------|------------|--------------|

Last Name: LUDLOW

## Form NOD:

| Code | Parameter Name | Monitoring Location | Season | Sample Period | Sample Period NOD | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 3 | Value 3 | Units | # of Tests | Frequency of Analysis | Sample Type |
|------|----------------|---------------------|--------|---------------|-------------------|-------------|---------|-------------|---------|-------|-------------|---------|-------|------------|-----------------------|-------------|
|------|----------------|---------------------|--------|---------------|-------------------|-------------|---------|-------------|---------|-------|-------------|---------|-------|------------|-----------------------|-------------|

|       |                                    |                     |   |   |   |        |             |           |  |  |                  |                  |           |      |                 |                      |
|-------|------------------------------------|---------------------|---|---|---|--------|-------------|-----------|--|--|------------------|------------------|-----------|------|-----------------|----------------------|
| 00010 | Temperature, water deg. centigrade | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon MX WK AV | C - No Discharge |           | 9999 | Continuous      | RC - Recorder (auto) |
| 00094 | Conductivity                       | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge | 78 - dS/m | 0230 | Twice Per Month | GR - GRAB            |
| 00400 | pH                                 | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge |           | 0130 | Monthly         | GR - GRAB            |
| 00440 | Bicarbonate ion- [as HCO3]         | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge |           | 0230 | Twice Per Month | GR - GRAB            |
| 00550 | Solids, total suspended            | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge |           | 0130 | Monthly         | GR - GRAB            |
| 00918 | Calcium, total recoverable         | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge |           | 0230 | Twice Per Month | GR - GRAB            |
| 00921 | Magnesium, total recoverable       | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge |           | 0230 | Twice Per Month | GR - GRAB            |
| 00923 | Sodium, total recoverable          | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge |           | 0230 | Twice Per Month | GR - GRAB            |
| 00931 | Sodium adsorption ratio            | EG - Effluent Gross | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge |           | 0230 | Twice Per Month | CA - CALCTD          |
| 00931 | Sodium adsorption ratio            | P - See Comments    | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge |           | 0230 | Twice Per Month | CA - CALCTD          |
| 00940 | Chloride [as Cl]                   | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge | 19 - mg/L | 0230 | Twice Per Month | GR - GRAB            |
| 00978 | Arsenic, total recoverable         | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge | 28 - ug/L | 0230 | Twice Per Month | GR - GRAB            |
| 00990 | Iron, total recoverable            | 1 - Effluent Gross  | 0 | - | - | Sample | Permit Req. | Value NOD |  |  | Req Mon 30DA AVG | C - No Discharge | 28 - ug/L | 0230 | Twice Per Month | GR - GRAB            |



|       |                       |                    |   |    |                                 |                                                   |                |                                  |
|-------|-----------------------|--------------------|---|----|---------------------------------|---------------------------------------------------|----------------|----------------------------------|
| 82057 | Boron, total          | 1 - Effluent Gross | 0 | -- | Sample Permit Fee:<br>Value NOD | Req Mon 30DA AVG<br>C - No Discharge              | 19 - mg/L      | 0230 - Twice Per Month GR - GRAB |
| 84066 | Oil and grease visual | 1 - Effluent Gross | 0 | -- | Sample Permit Fee:<br>Value NOD | Req Mon INST MAX SP - NoD;Y=1<br>C - No Discharge | 0130 - Monthly | VI - VISUAL                      |

#### 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

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2022-08-07 11:55 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2022-08-07 11:56 (Time Zone: -06:00)

# DMR Copy of Record

|                                                |  |                                                                                                                                                                                  |  |                           |  |                                                     |  |                         |  |                     |  |                                        |  |                               |  |             |  |
|------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|-----------------------------------------------------|--|-------------------------|--|---------------------|--|----------------------------------------|--|-------------------------------|--|-------------|--|
| Permit                                         |  | Permit #:                                                                                                                                                                        |  | CO0000132                 |  | Permittee:                                          |  | Oxbow Mining LLC        |  | Facility:           |  | SANBORN CRK & ELK CRK MINES            |  |                               |  |             |  |
| Major:                                         |  | No                                                                                                                                                                               |  | PO Box 535                |  | Permittee Address:                                  |  | 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 |  |                         |  |                     |  |                                        |  |                               |  |             |  |
| Report Dates & Status                          |  | Monitoring Period:                                                                                                                                                               |  | From 07/01/22 to 07/31/22 |  | DMR Due Date:                                       |  | 08/28/22                |  | Status:             |  | NetDMR Validated                       |  |                               |  |             |  |
| 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               |  | Telephone:          |  | 970-929-5122                           |  |                               |  |             |  |
| Last Name:                                     |  | LUDLOW                                                                                                                                                                           |  |                           |  |                                                     |  |                         |  |                     |  |                                        |  |                               |  |             |  |
| Form NOD:                                      |  | No Data Indicator (NOD)                                                                                                                                                          |  |                           |  |                                                     |  |                         |  |                     |  |                                        |  |                               |  |             |  |
| Parameter Name                                 |  | Monitoring Location                                                                                                                                                              |  | Season & Param. NOD       |  | Sample Permit Req.                                  |  | Sample Value NOD        |  | Quantity at Loading |  | Quality or Concentration               |  | Ref Ex. Frequency of Analysis |  | Sample Type |  |
| Code                                           |  | Units                                                                                                                                                                            |  | Qualifier 1               |  | Qualifier 2                                         |  | Qualifier 3             |  | Value 1             |  | Value 2                                |  | Value 3                       |  | Units       |  |
| 00400 pH                                       |  | 1 - Effluent Gross                                                                                                                                                               |  | 0 -                       |  | Sample Permit Req.                                  |  | Sample Value NOD        |  | Quantity at Loading |  | Quality or Concentration               |  | Ref Ex. Frequency of Analysis |  | Sample Type |  |
|                                                |  |                                                                                                                                                                                  |  |                           |  |                                                     |  |                         |  |                     |  |                                        |  |                               |  |             |  |
| 00530 Solids, total suspended                  |  | 1 - Effluent Gross                                                                                                                                                               |  | 0 -                       |  | Sample Permit Req.                                  |  | Sample Value NOD        |  | Quantity at Loading |  | Quality or Concentration               |  | Ref Ex. Frequency of Analysis |  | Sample Type |  |
|                                                |  |                                                                                                                                                                                  |  |                           |  |                                                     |  |                         |  |                     |  |                                        |  |                               |  |             |  |
| 00980 Iron, total recoverable                  |  | 1 - Effluent Gross                                                                                                                                                               |  | 0 -                       |  | Sample Permit Req.                                  |  | Sample Value NOD        |  | Quantity at Loading |  | Quality or Concentration               |  | Ref Ex. Frequency of Analysis |  | Sample Type |  |
|                                                |  |                                                                                                                                                                                  |  |                           |  |                                                     |  |                         |  |                     |  |                                        |  |                               |  |             |  |
| 50050 Flow, in conduit or thru treatment plant |  | 1 - Effluent Gross                                                                                                                                                               |  | 0 -                       |  | Sample Permit Req.                                  |  | Sample Value NOD        |  | Quantity at Loading |  | Quality or Concentration               |  | Ref Ex. Frequency of Analysis |  | Sample Type |  |
|                                                |  |                                                                                                                                                                                  |  |                           |  |                                                     |  |                         |  |                     |  |                                        |  |                               |  |             |  |

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.

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