

# 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>Someret, CO 81434-0535    | Facility Location: | 3737 HIGHWAY 133<br>SOMERSET, CO 81434 |
| Permitted Feature: | 007<br>External Outfall | Discharge:         | 007-A<br>SEDIMENT POND TO HUBBARD CREEK |                    |                                        |

## Report Dates & Status

|                    |                           |               |          |         |                  |
|--------------------|---------------------------|---------------|----------|---------|------------------|
| Monitoring Period: | From 03/01/18 to 03/31/18 | DMR Due Date: | 04/28/18 | Status: | NetDMR Validated |
|--------------------|---------------------------|---------------|----------|---------|------------------|

TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR,24HR PRECIP EVENT.SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT.SEE I.A.1,PP.4,5, AND I.A.2, P. 5 FOR ROWNTS.TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

## Principal Executive Officer

|             |        |        |           |            |              |
|-------------|--------|--------|-----------|------------|--------------|
| First Name: | Mike   | Title: | President | Telephone: | 970-929-5122 |
| Last Name:  | Ludlow |        |           |            |              |

## No Data Indicator (NOD)

Form NOD:

| Code                                           | Parameter Name | Monitoring Location | Season | # Param. NOD | Sample Permit Req. Value NOD | Qualifier 1 | Value 1 | Quantity or Loading | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quantity or Concentration | Qualifier 3 | Value 3 | Units | # of Ex. | Frequency of Analysis | Sample Type |
|------------------------------------------------|----------------|---------------------|--------|--------------|------------------------------|-------------|---------|---------------------|-------------|---------|-------|-------------|---------|-------------|---------|---------------------------|-------------|---------|-------|----------|-----------------------|-------------|
| 00400 pH                                       |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
|                                                |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 00530 Solids, total suspended                  |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
|                                                |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 00545 Solids, settleable                       |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
|                                                |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 01045 Iron, total [as Fe]                      |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
|                                                |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 03582 Oil and grease                           |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
|                                                |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 50050 Flow, in conduit or thru treatment plant |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
|                                                |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 70295 Solids, total dissolved                  |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
|                                                |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 84066 Oil and grease visual                    |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
|                                                |                | 1 - Effluent Gross  | 0      | -            | Sample Permit Req. Value NOD |             |         |                     |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |

## 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:

2018-04-02 10:27 (Time Zone: -06:00)

## Report Last Signed By

GHGSMITHOXBOW

## User:

Douglas Smith

# DMR Copy of Record

## Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC Facility: SANBORN CRK & ELK CRK MINES

Major: No Permittee Address: PO Box 535 Somerset, CO 81434-0535 Facility Location: 3737 HIGHWAY 133 SOMERSET, CO 81434

Permitted Feature: 009 External Outfall Discharge: 009-A SURF RUNOFF TO N FK GUNNS RIVER

Report Dates & Status: Monitoring Period: From 03/01/18 to 03/31/18 DMR Due Date: 04/28/18 Status: Not DMR Validated

Considerations for Form Completion: TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <10YR 24HR PRECIP EVENT; SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, PP 4,5, AND I.A.2, P. 5 FOR ROUNDTS TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPORT.

Principal Executive Officer: First Name: Mike Last Name: Ludlow Title: President Telephone: 970-929-5122

No Data Indicator (NODI): No Data Indicator (NODI) Form NODI: -

| Code                                           | Parameter Name     | Monitoring Location | Season | # Param. NODI | Qualifier 1                   | Value 1 | Quantity or Loading | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quantity or Concentration | Qualifier 3 | Value 3 | Units | # of Ex. Frequency of Analysis | Sample Type |
|------------------------------------------------|--------------------|---------------------|--------|---------------|-------------------------------|---------|---------------------|-------------|---------|-------|-------------|---------|-------------|---------|---------------------------|-------------|---------|-------|--------------------------------|-------------|
| 00400 pH                                       | 1 - Effluent Gross | 0                   | --     | --            | Sample Permit Req. Value NODI |         |                     |             |         |       |             |         |             |         |                           |             |         |       |                                |             |
| 00530 Solids, total suspended                  | 1 - Effluent Gross | 0                   | --     | --            | Sample Permit Req. Value NODI |         |                     |             |         |       |             |         |             |         |                           |             |         |       |                                |             |
| 00545 Solids, settleable                       | 1 - Effluent Gross | 0                   | --     | --            | Sample Permit Req. Value NODI |         |                     |             |         |       |             |         |             |         |                           |             |         |       |                                |             |
| 01045 Iron, total [as Fe]                      | 1 - Effluent Gross | 0                   | --     | --            | Sample Permit Req. Value NODI |         |                     |             |         |       |             |         |             |         |                           |             |         |       |                                |             |
| 03592 Oil and grease                           | 1 - Effluent Gross | 0                   | --     | --            | Sample Permit Req. Value NODI |         |                     |             |         |       |             |         |             |         |                           |             |         |       |                                |             |
| 50030 Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0                   | --     | --            | Sample Permit Req. Value NODI |         |                     |             |         |       |             |         |             |         |                           |             |         |       |                                |             |
| 70205 Solids, total dissolved                  | 1 - Effluent Gross | 0                   | --     | --            | Sample Permit Req. Value NODI |         |                     |             |         |       |             |         |             |         |                           |             |         |       |                                |             |
| 84096 Oil and grease visual                    | 1 - Effluent Gross | 0                   | --     | --            | Sample Permit Req. Value NODI |         |                     |             |         |       |             |         |             |         |                           |             |         |       |                                |             |

## 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: 2018-04-02 10:28 (Time Zone: -06:00)

Report Last Signed By: GHGSMITHOXBOW  
User: Douglas Smith

# DMR Copy of Record

## Permit

Permit #: **C00000132** Permittee: **Oxbow Mining LLC** Facility: **SANBORN CRK & ELK CRK MINES**

Major: **No** Permittee Address: **PO Box 535  
Somerset, CO 81434-0535** Facility Location: **3737 HIGHWAY 133  
SOMERSET, CO 81434**

Permitted Feature: **010  
External Outfall** Discharge: **010-A  
SEDIMENT POND TO SANBORN CREEK**

Monitoring Period: **From 03/01/18 to 03/31/18** DMR Due Date: **04/28/18** Status: **NetDMR Validated**

Considerations for Form Completion  
TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR,24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT-SEE I.A.1,PP 4.5, AND I.A.2, P. 5 FOR RQMN.TS, TDS  
MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer  
First Name: **Mike** Title: **President** Telephone: **970-929-5122**

Last Name: **Ludlow**

No Data Indicator (NOD)

| Code                                           | Parameter Name     | Monitoring Location | Season | Param. NOD | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | # of Ex | Frequency of Analysis | Sample Type |
|------------------------------------------------|--------------------|---------------------|--------|------------|--------|-------------|---------|-------------|---------|-------|-------------|---------|-------------|---------|--------------------------|-------------|---------|-------|---------|-----------------------|-------------|
| 00400 pH                                       | 1 - Effluent Gross | 0                   | -      | -          | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | 0100    | Monthly               | IS - INSTTU |
| 00500 Solids, total suspended                  | 1 - Effluent Gross | 0                   | -      | -          | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | 0100    | Monthly               | GR - GRAS   |
| 00545 Solids, settleable                       | 1 - Effluent Gross | 0                   | -      | -          | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | 0100    | Monthly               | GR - GRAS   |
| 01045 Iron, total [as Fe]                      | 1 - Effluent Gross | 0                   | -      | -          | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | 0100    | Monthly               | GR - GRAS   |
| 03582 Oil and grease                           | 1 - Effluent Gross | 0                   | -      | -          | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | 7777    | Contingent            | GR - GRAS   |
| 50050 Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0                   | -      | -          | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | 0100    | Monthly               | IN - INSTTN |
| 70205 Solids, total dissolved                  | 1 - Effluent Gross | 0                   | -      | -          | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | 0100    | Monthly               | GR - GRAS   |
| 84066 Oil and grease visual                    | 1 - Effluent Gross | 0                   | -      | -          | Sample | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quality or Concentration | Qualifier 3 | Value 3 | Units | 0100    | 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:

## Name:

## E-Mail:

## Date/Time:

## Report Last Signed By

## User:

GHGSMITHOXBOW  
Douglas Smith  
doug.smith@oxbow.com  
2018-04-02 10:29 (Time Zone: -06:00)

GHGSMITHOXBOW  
Douglas Smith

## DMR Copy of Record

|                                                                                                                                                                                                                                                                                                                              |                           |                    |                                        |                    |                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|----------------------------------------|--------------------|----------------------------------------|
| Permit #:                                                                                                                                                                                                                                                                                                                    | C00000132                 | Permittee:         | Oxbow Mining LLC                       | Facility:          | SANBORN CRK & ELK CRK MINES            |
| Major:                                                                                                                                                                                                                                                                                                                       | No                        | Permittee Address: | PO Box 535<br>Somersett, 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 03/01/18 to 03/31/18 | DMR Due Date:      | 04/28/18                               | Status:            | NetDMR Validated                       |
| Considerations for Form Completion                                                                                                                                                                                                                                                                                           |                           |                    |                                        |                    |                                        |
| TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR, 24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR, 24HR EVENT. SEE I.A.1, PP 4,5, AND I.A.2, P. 5 FOR RQMTS. TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD. |                           |                    |                                        |                    |                                        |
| Principal Executive Officer                                                                                                                                                                                                                                                                                                  |                           |                    |                                        |                    |                                        |
| First Name:                                                                                                                                                                                                                                                                                                                  | Mike                      | Title:             | President                              | Telephone:         | 970-929-5122                           |
| Last Name:                                                                                                                                                                                                                                                                                                                   | Ludlow                    |                    |                                        |                    |                                        |
| No Data Indicator (NODI)                                                                                                                                                                                                                                                                                                     | -                         |                    |                                        |                    |                                        |
| Form NODI:                                                                                                                                                                                                                                                                                                                   |                           |                    |                                        |                    |                                        |

[illegible]

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

**No errors.**

### Comments

### Attachments

**No attachments.**

**Report Last Saved By**  
**Oxbow Mining LLC**

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name: \_\_\_\_\_

GHGSMITHOXBOW

Douglas Smith

doug.smith@oxbow.com

2018-04-02 10:29 (Time Zone: -06:00)

GHGSMITHOXB

## DMR Copy of Record

## Permit

Permit #: C00000132  
Major: NoPermittee: Oxbow Mining LLC  
Permittee Address: PO Box 535  
Somerset, CO 81424-0535Facility: SANBORN CRK & ELK CRK MINES  
Facility Location: 3737 HIGHWAY 133  
SOMERSET, CO 81434

## Permitted Feature:

013  
External Outfall

## Discharge:

013-A  
RUNOFF TO N FORK GUNNISON R.

## Report Dates &amp; Status

Monitoring Period: From 03/01/18 to 03/31/18

DMR Due Date:

04/28/18

Status:

NeiDMR Validated

## Considerations for Form Completion

TSS &amp; TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR &lt;=10YR,24HR PRECIP EVENT,SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR &gt;10YR,24HR EVENT,SEE I.A.1,PP.4,5, AND I.A.2, P. 5 FOR ROMNTS TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

## Principal Executive Officer

First Name: Mike  
Last Name: Ludlow

Title: President

Telephone: 970-929-5122

## No Data Indicator (NOD)

Form NOD:

| Code                                           | Parameter Name | Monitoring Location | Season # | Param. NOD | Qualifier 1 |             | Quantity or Loading |         | Units   |         | Qualifier 1 |         | Value 1 |         | Qualifier 2 |         | Quantity or Concentration |         | Qualifier 3 |         | Value 3 |         | Units | # of Ex. Frequency of Analysis | Sample Type |
|------------------------------------------------|----------------|---------------------|----------|------------|-------------|-------------|---------------------|---------|---------|---------|-------------|---------|---------|---------|-------------|---------|---------------------------|---------|-------------|---------|---------|---------|-------|--------------------------------|-------------|
|                                                |                |                     |          |            | Sample      | Permit Req. | Value 1             | Value 2 | Value 2 | Value 2 | Value 1     | Value 1 | Value 1 | Value 1 | Value 2     | Value 2 | Value 1                   | Value 1 | Value 1     | Value 1 | Value 1 | Value 1 |       |                                |             |
| 00400 pH                                       |                | 1 - Effluent Gross  | 0        | -          | Sample      | Permit Req. |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
|                                                |                | 1 - Effluent Gross  | 0        | -          | Value NOD   | Sample      |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
| 00500 Solids, total suspended                  |                | 1 - Effluent Gross  | 0        | -          | Sample      | Permit Req. |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
|                                                |                | 1 - Effluent Gross  | 0        | -          | Value NOD   | Sample      |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
| 00545 Solids, settleable                       |                | 1 - Effluent Gross  | 0        | -          | Sample      | Permit Req. |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
|                                                |                | 1 - Effluent Gross  | 0        | -          | Value NOD   | Sample      |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
| 01045 Iron, total (as Fe)                      |                | 1 - Effluent Gross  | 0        | -          | Sample      | Permit Req. |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
|                                                |                | 1 - Effluent Gross  | 0        | -          | Value NOD   | Sample      |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
| 03582 Oil and grease                           |                | 1 - Effluent Gross  | 0        | -          | Sample      | Permit Req. |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
|                                                |                | 1 - Effluent Gross  | 0        | -          | Value NOD   | Sample      |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
| 50050 Flow, in conduit or thru treatment plant |                | 1 - Effluent Gross  | 0        | -          | Sample      | Permit Req. |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
|                                                |                | 1 - Effluent Gross  | 0        | -          | Value NOD   | Sample      |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
| 70295 Solids, total dissolved                  |                | 1 - Effluent Gross  | 0        | -          | Sample      | Permit Req. |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
|                                                |                | 1 - Effluent Gross  | 0        | -          | Value NOD   | Sample      |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
| 84066 Oil and grease visual                    |                | 1 - Effluent Gross  | 0        | -          | Sample      | Permit Req. |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |
|                                                |                | 1 - Effluent Gross  | 0        | -          | Value NOD   | Sample      |                     |         |         |         |             |         |         |         |             |         |                           |         |             |         |         |         |       |                                |             |

## 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:

2018-04-02 10:30 (Time Zone: -06:00)

## Report Last Signed By

User:

GHGSMITHOXBOW

## Name:

Douglas Smith

# DMR Copy of Record

|                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                 |  |                                                                  |  |                                              |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------|--|------------------------------------------------------------------|--|----------------------------------------------|--|
| <b>Permit</b>                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>Permit #:</b> C00000132                                      |  | <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> 014<br>External Outfall                                                                                                                                                                                                                                                                                                                                             |  | <b>Discharge:</b> 014A<br>SURF RUNOFF TO N FK GUNNISON R        |  |                                                                  |  |                                              |  |
| <b>Report Dates &amp; Status</b>                                                                                                                                                                                                                                                                                                                                                              |  | <b>Monitoring Period:</b> From 03/01/18 to 03/31/18             |  | <b>DMR Due Date:</b> 04/28/18                                    |  | <b>Status:</b> NetDMR Validated              |  |
| <p><b>Considerations for Form Completion</b></p> <p>TSS &amp; TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LIMIT APPLIED FOR &lt;=10YR 24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR &gt;10YR 24HR EVENT. SEE I.A.1 PP 4-5, AND I.A.2, P. 5 FOR ROAMNTS TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.</p> |  |                                                                 |  |                                                                  |  |                                              |  |
| <b>Principal Executive Officer</b>                                                                                                                                                                                                                                                                                                                                                            |  |                                                                 |  |                                                                  |  |                                              |  |
| <b>First Name:</b> Mike                                                                                                                                                                                                                                                                                                                                                                       |  | <b>Title:</b> President                                         |  | <b>Telephone:</b> 970-929-5122                                   |  |                                              |  |
| <b>Last Name:</b> Ludlow                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                 |  |                                                                  |  |                                              |  |
| <b>No Data Indicator (NOD)</b>                                                                                                                                                                                                                                                                                                                                                                |  |                                                                 |  |                                                                  |  |                                              |  |
| <b>Form NOD:</b> -                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                 |  |                                                                  |  |                                              |  |

| Parameter |                                          | Monitoring Location | Season | # Param. NOD | Quantity or Loading   |         |             |         | Quality or Concentration |             |             |             | # of Ex. Frequency of Analysis |  | Sample Type |         |             |         |       |
|-----------|------------------------------------------|---------------------|--------|--------------|-----------------------|---------|-------------|---------|--------------------------|-------------|-------------|-------------|--------------------------------|--|-------------|---------|-------------|---------|-------|
| Code      | Name                                     |                     |        |              | Qualifier 1           | Value 1 | Qualifier 2 | Value 2 | Units                    | Qualifier 1 | Value 1     | Qualifier 2 |                                |  |             | Value 2 | Qualifier 3 | Value 3 | Units |
| 00400     | pH                                       | 1 - Effluent Gross  | 0      | -            | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Permit Req. Value NOD |         |             |         |                          | >=          | 6.5 MINIMUM |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross  | 0      | -            | Permit Req. Value NOD |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
| 00545     | Solids, settleable                       | 1 - Effluent Gross  | 0      | -            | Permit Req. Value NOD |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
| 01045     | Iron, total [as Fe]                      | 1 - Effluent Gross  | 0      | -            | Permit Req. Value NOD |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
| 03582     | Oil and grease                           | 1 - Effluent Gross  | 0      | -            | Permit Req. Value NOD |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0      | -            | Permit Req. Value NOD |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
| 70235     | Solids, total dissolved                  | 1 - Effluent Gross  | 0      | -            | Permit Req. Value NOD |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
| 84065     | Oil and grease visual                    | 1 - Effluent Gross  | 0      | -            | Permit Req. Value NOD |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |
|           |                                          |                     |        |              | Sample                |         |             |         |                          |             |             |             |                                |  |             |         |             |         |       |

## 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: 2018-04-02 10:30 (Time Zone: -06:00)

Report Last Signed By  
User: GHGSMITHOXBOW  
Name: Douglas Smith

# DMR Copy of Record

## Permit

Permit #: **C00000132**  
Major: **No**

Permittee: **Oxbow Mining LLC**  
Permittee Address: **PO Box 335  
Someset, CO 81434-0935**

Facility: **SANBORN CRK & ELK CRK MINES**  
Facility Location: **3737 HIGHWAY 133  
SOMERSET, CO 81434**

Permitted Feature: **015  
External Outfall**

Discharge: **015-A  
DISCHARGE TO ELK CREEK**

## Report Dates & Status

Monitoring Period: **From 03/01/18 to 03/31/18**

DMR Due Date: **04/28/18**

Status: **Not DMR Validated**

## Considerations for Form Completion

30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE 18.1.D.

## Principal Executive Officer

First Name: **Mike**

Title: **President**

Telephone: **970-929-5122**

## Last Name:

**Ludlow**

## No Data Indicator (NOD)

Form NOD:

| Code                                           | Parameter Name | Monitoring Location | Season # | Param. NOD | Qualifier 1                  | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1                                       | Value 1   | Qualifier 2       | Value 2 | Qualifier 3 | Value 3                           | Units     | # of Ex.          | Frequency of Analysis | Sample Type |
|------------------------------------------------|----------------|---------------------|----------|------------|------------------------------|---------|-------------|---------|-------|---------------------------------------------------|-----------|-------------------|---------|-------------|-----------------------------------|-----------|-------------------|-----------------------|-------------|
| 00400 pH                                       |                | 1 - Effluent Gross  | 0        | -          | Sample Permit Reg. Value NOD |         |             |         | >=    | 6.5 MINIMUM<br>C - No Discharge                   |           |                   |         | <=          | 9 MAXIMUM<br>C - No Discharge     | 12 - SU   | 01/30 - Monthly   | IS - INSTU            |             |
| 00530 Solids, total suspended                  |                | 1 - Effluent Gross  | 0        | -          | Sample Permit Reg. Value NOD |         |             |         | <=    | 35 30DA AVG<br>C - No Discharge                   |           |                   |         | <=          | 70 MX 7D AV<br>C - No Discharge   | 19 - mg/L | 01/30 - Monthly   | GR - GRAB             |             |
| 01045 Iron, total [as Fe]                      |                | 1 - Effluent Gross  | 0        | -          | Sample Permit Reg. Value NOD |         |             |         | <=    | 3000 30DA AVG<br>C - No Discharge                 |           |                   |         | <=          | 6000 DAILY MX<br>C - No Discharge | 28 - ug/L | 01/30 - Monthly   | GR - GRAB             |             |
| 03582 Oil and grease                           |                | 1 - Effluent Gross  | 0        | -          | Sample Permit Reg. Value NOD |         |             |         | <=    | 10 INST MAX<br>C - No Discharge                   | 19 - mg/L | 7777 - Contingent |         |             |                                   |           | GR - GRAB         |                       |             |
| 50050 Flow, in conduit or thru treatment plant |                | 1 - Effluent Gross  | 0        | -          | Sample Permit Reg. Value NOD |         |             |         |       | Req Mon 30DA AVG<br>C - No Discharge              |           |                   |         |             |                                   |           | 01/30 - Monthly   | IN - INSTAN           |             |
| 70255 Solids, total dissolved                  |                | 1 - Effluent Gross  | 0        | -          | Sample Permit Reg. Value NOD |         |             |         |       | Req Mon QRTX AVG<br>C - No Discharge              |           |                   |         |             |                                   |           | 01/30 - Quarterly | GR - GRAB             |             |
| 84060 Oil and grease visual                    |                | 1 - Effluent Gross  | 0        | -          | Sample Permit Reg. Value NOD |         |             |         |       | Req Mon INST MAX gp - N=0 Y=1<br>C - No Discharge |           |                   |         |             |                                   |           | 01/07 - Weekly    | VI - VISUAL           |             |

## Submission Note

If a parameter row does not contain any values for the Sample or 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: **GHSMTTHOXBOW**

Name: **Douglas Smith**

E-Mail: **doug.smith@oxbow.com**

Date/Time: **2018-04-02 10:31 (Time Zone: -06:00)**

## Report Last Signed By

User: **GHSMTTHOXBOW**

Name: **Douglas Smith**

E-Mail: **doug.smith@oxbow.com**

Date/Time: **2018-04-02 10:35 (Time Zone: -06:00)**

# DMR Copy of Record

## Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC Facility: SANBORN CRK & ELK CRK MINES  
 Major: No Permittee Address: PO Box 535  
 Somerset, CO 81434-0535 Facility Location: 3737 HIGHWAY 133  
 SOMERSET, CO 81434

Permitted Feature: 015 External Outfall Discharge: 015-M ACUTE WET TESTING FOR 015A

Report Dates & Status Monitoring Period: From 01/01/18 to 03/31/18 DMR Due Date: 04/28/18 Status: NoDMR Validated

Considerations for Form Completion SEE 1A.4.A PP 5-6 FOR DETAILS OF TEST PROCEDURE, REPORT LC50 - STATISTICAL PINT WSTMIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

## Principal Executive Officer

First Name: Mike Title: President  
 Last Name: Ludlow Telephone: 970-929-5122

No Data Indicator (NOD) Form NOD: -

| Code  | Parameter Name                  | Monitoring Location | Season | Param. NOD | Sample Permit Req. Value NOD | Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units | Quality or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units | # of Ex. Frequency of Analysis Sample Type |
|-------|---------------------------------|---------------------|--------|------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------|
| TAN6G | LC50 State 95% Acute Principles | 1 - Effluent Cross  | 0      | --         |                              | >= 100 MN VALUE C - No Discharge                                                                                                    | 23 - %                                                                                     | 01/90 - Quarterly GR - GRA-B               |

## 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: GHOSMITHOXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com

Date/Time: 2018-04-02 10:32 (Time Zone: -06:00)

## Report Last Signed By

User: GHOSMITHOXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com

Date/Time: 2018-04-02 10:35 (Time Zone: -06:00)

# DMR Copy of Record

|                                  |                           |                        |                                       |                           |                                        |
|----------------------------------|---------------------------|------------------------|---------------------------------------|---------------------------|----------------------------------------|
| <b>Permit #:</b>                 | CO0000132                 | <b>Permittee:</b>      | Oxbow Mining LLC                      | <b>Facility:</b>          | SANBORN CRK & ELK CRK MINES            |
| <b>Major:</b>                    | No                        | <b>Permit 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>        | 016<br>External Outfall   | <b>Discharge:</b>      | 016-A<br>SURFACE RUNOFF TO ELK CREEK  |                           |                                        |
| <b>Report Dates &amp; Status</b> | From 03/01/18 to 03/31/18 | <b>DMR Due Date:</b>   | 04/28/18                              | <b>Status:</b>            | NeDMR Validated                        |

**Considerations for Form Completion**  
TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR 24 HR PRECIP EVENT; SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, PP 4,5, AND I.A.2, P. 5 FOR ROMANTS, TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.

|                                    |             |               |           |                   |              |
|------------------------------------|-------------|---------------|-----------|-------------------|--------------|
| <b>Principal Executive Officer</b> | Mike Luddow | <b>Title:</b> | President | <b>Telephone:</b> | 970-929-5122 |
| <b>First Name:</b>                 | Mike        |               |           |                   |              |
| <b>Last Name:</b>                  | Luddow      |               |           |                   |              |
| <b>No Data Indicator (NOD)</b>     |             |               |           |                   |              |
| <b>Form NOD:</b>                   |             |               |           |                   |              |

| Code                                           | Parameter Name     | Monitoring Location | Season | # Param. NOD                 | Quantity of Loading |         | Quantity of Concentration |         | # of Ex. Frequency of Analysis | Sample Type |
|------------------------------------------------|--------------------|---------------------|--------|------------------------------|---------------------|---------|---------------------------|---------|--------------------------------|-------------|
|                                                |                    |                     |        |                              | Qualifier 1         | Value 1 | Qualifier 2               | Value 2 |                                |             |
| 00400 pH                                       | 1 - Effluent Gross | 0                   | -      | Sample Permit Req. Value NOD |                     |         |                           |         |                                |             |
| 00530 Solids, total suspended                  | 1 - Effluent Gross | 0                   | -      | Sample Permit Req. Value NOD |                     |         |                           |         |                                |             |
| 00545 Solids, settleable                       | 1 - Effluent Gross | 0                   | -      | Sample Permit Req. Value NOD |                     |         |                           |         |                                |             |
| 01045 Iron, total [as Fe]                      | 1 - Effluent Gross | 0                   | -      | Sample Permit Req. Value NOD |                     |         |                           |         |                                |             |
| 03582 Oil and grease                           | 1 - Effluent Gross | 0                   | -      | Sample Permit Req. Value NOD |                     |         |                           |         |                                |             |
| 50050 Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0                   | -      | Sample Permit Req. Value NOD |                     |         |                           |         |                                |             |
| 70256 Solids, total dissolved                  | 1 - Effluent Gross | 0                   | -      | Sample Permit Req. Value NOD |                     |         |                           |         |                                |             |
| 84066 Oil and grease visual                    | 1 - Effluent Gross | 0                   | -      | Sample Permit Req. Value NOD |                     |         |                           |         |                                |             |

**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:** 2018-04-02 10:33 (Time Zone: -06:00)

**Report Last Signed By**

**User:** GHGSMITHOXBOW

**Name:** Douglas Smith

# DMR Copy of Record

|                                                                                                                                                                                                                                                                                                                              |                         |                                    |                                                           |                   |                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------|-----------------------------------------------------------|-------------------|------------------|
| <b>Permit</b>                                                                                                                                                                                                                                                                                                                |                         | <b>Permittee:</b>                  |                                                           | <b>Facility:</b>  |                  |
| <b>Permit #:</b>                                                                                                                                                                                                                                                                                                             | CO0000132               | <b>Permittee Address:</b>          | Oxbow Mining LLC<br>PO Box 535<br>Somerset, CO 81434-0535 |                   |                  |
| <b>Major:</b>                                                                                                                                                                                                                                                                                                                | No                      | <b>Discharge:</b>                  | 017A<br>SURF RUNOFF TO N. FK GUNIS RIV                    |                   |                  |
| <b>Permitted Feature:</b>                                                                                                                                                                                                                                                                                                    | 017<br>External Outfall | <b>DMR Due Date:</b>               | 04/28/18                                                  | <b>Status:</b>    | NeiDMR Validated |
| <b>Monitoring Period:</b>                                                                                                                                                                                                                                                                                                    |                         | <b>Monitoring Period:</b>          |                                                           |                   |                  |
| From 03/01/18 to 03/31/18                                                                                                                                                                                                                                                                                                    |                         | Considerations for Form Completion |                                                           |                   |                  |
| TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIES FOR <=10YR, 24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR, 24HR EVENT. SEE I.A.1, PP. 4.5, AND I.A.2, P. 5 FOR RQMTS. TOS MONITORING - SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD |                         |                                    |                                                           |                   |                  |
| <b>Principal Executive Officer</b>                                                                                                                                                                                                                                                                                           |                         |                                    |                                                           |                   |                  |
| <b>First Name:</b>                                                                                                                                                                                                                                                                                                           | Mike                    | <b>Title:</b>                      | President                                                 | <b>Telephone:</b> | 970-929-5122     |
| <b>Last Name:</b>                                                                                                                                                                                                                                                                                                            | Ludlow                  |                                    |                                                           |                   |                  |
| <b>No Data Indicator (NOD)</b>                                                                                                                                                                                                                                                                                               |                         |                                    |                                                           |                   |                  |
| <b>Form NOD:</b>                                                                                                                                                                                                                                                                                                             |                         |                                    |                                                           |                   |                  |

| Parameter Name                                 |                    | Monitoring Location | Season | # Param. NODI | Quantity or Loading    |         |             | Quantity or Concentration |             |             | # of Ex.         | Frequency of Analysis | Sample Type |                              |           |                    |             |
|------------------------------------------------|--------------------|---------------------|--------|---------------|------------------------|---------|-------------|---------------------------|-------------|-------------|------------------|-----------------------|-------------|------------------------------|-----------|--------------------|-------------|
| Code                                           |                    |                     |        |               | Qualifier 1            | Value 1 | Qualifier 2 | Value 2                   | Qualifier 1 | Value 1     | Qualifier 2      | Value 2               | Qualifier 3 | Value 3                      | Units     |                    |             |
| 00400 pH                                       | 1 - Effluent Gross | 0                   | -      | -             | Sample                 |         |             |                           | >=          | 6.5 MINIMUM | C - No Discharge |                       |             | 9 MAXIMUM                    | 12 - SU   | 01/30 - Monthly    | IS - INSTU  |
| 00530 Solids, total suspended                  | 1 - Effluent Gross | 0                   | -      | -             | Sample                 |         |             |                           |             |             |                  |                       |             | 70 DAILY MX                  | 19 - mg/L | 01/30 - Monthly    | GR - GRAB   |
| 00545 Solids, settleable                       | 1 - Effluent Gross | 0                   | -      | -             | Sample                 |         |             |                           |             |             |                  |                       |             | C - No Discharge             |           |                    |             |
| 01045 Iron, total [as Fe]                      | 1 - Effluent Gross | 0                   | -      | -             | Sample                 |         |             |                           |             |             |                  |                       |             | Req Mon DAILY MX 25 - mL/L   |           | 01/30 - Monthly    | GR - GRAB   |
| 03582 Oil and grease                           | 1 - Effluent Gross | 0                   | -      | -             | Sample                 |         |             |                           |             |             |                  |                       |             | C - No Discharge             |           |                    |             |
| 50050 Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0                   | -      | -             | Sample                 |         |             |                           |             |             |                  |                       |             | 10 INST MAX                  | 19 - mg/L | 77/77 - Contingent | GR - GRAB   |
| 70235 Solids, total dissolved                  | 1 - Effluent Gross | 0                   | -      | -             | Sample                 |         |             |                           |             |             |                  |                       |             | Req Mon DAILY MX 19 - mg/L   |           | 01/30 - Monthly    | IN - INSTAN |
| 84066 Oil and grease visual                    | 1 - Effluent Gross | 0                   | -      | -             | Sample                 |         |             |                           |             |             |                  |                       |             | C - No Discharge             |           |                    |             |
|                                                |                    |                     |        |               | Permit Req. Value NODI |         |             |                           |             |             |                  |                       |             | Req Mon INST MAX 9P - N=0Y=1 |           | 01/30 - 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:**

2018-04-02 10:33 (Time Zone: -06:00)

**Report Last Signed By**

User:

GHGSMITHOXBOW

**Name:**

Douglas Smith

# DMR Copy of Record

| <b>Permit</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                | Permit #: C00000132                                      |        | 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: 019<br>External Outfall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                | Discharge: 019-A<br>SURFACE RUNOFF TO HUBBARD CRK        |        |                                                           |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| Report Dates & Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                | Monitoring Period: From 03/01/18 to 03/31/18             |        | DMR Due Date: 04/28/18                                    |                              | Status: <b>Not DMR Validated</b>      |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| <p><b>Considerations for Form Completion</b></p> <p>TSS &amp; TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LIMIT APPLIED FOR &lt;=10.24HR PRECIP EVENT; SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR &gt;10YR 24HR EVENT-SEE I.A.1, PP. 4.5, AND I.A.2, P.5 FOR COMMENTS, TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING REPORTING PERIOD.</p>                                                                                                                                                                                                                                                                                                                                                                          |                |                                                          |        |                                                           |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| Principal Executive Officer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | First Name: Mike                                         |        | Title: President                                          |                              | Telephone: 970-923-5122               |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| Last Name: Ludlow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                                                          |        |                                                           |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| No Data Indicator (NOD)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                                                          |        |                                                           |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| Form NOD:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                                                          |        |                                                           |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| Code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Parameter Name | Monitoring Location                                      | Season | # Param. NOD                                              | Sample Permit Req. Value NOD | Qualifier 1                           | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Quantity or Concentration | Qualifier 3 | Value 3 | Units | # of Ex. | Frequency of Analysis | Sample Type |
| 00400 pH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                | 1 - Effluent Gross                                       | 0      | -                                                         |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 00500 Solids, total suspended                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                | 1 - Effluent Gross                                       | 0      | -                                                         |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 00545 Solids, settleable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                | 1 - Effluent Gross                                       | 0      | -                                                         |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 01045 Iron, total [as Fe]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                | 1 - Effluent Gross                                       | 0      | -                                                         |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 03592 Oil and grease                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                | 1 - Effluent Gross                                       | 0      | -                                                         |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 50050 Flow, in conduit or thru treatment plant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                | 1 - Effluent Gross                                       | 0      | -                                                         |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 70295 Solids, total dissolved                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                | 1 - Effluent Gross                                       | 0      | -                                                         |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| 84065 Oil and grease visual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                | 1 - Effluent Gross                                       | 0      | -                                                         |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |
| <p><b>Submission Note</b></p> <p>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.</p> <p><b>Edit Check Errors</b></p> <p>No errors.</p> <p><b>Comments</b></p> <p></p> <p><b>Attachments</b></p> <p>No attachments.</p> <p><b>Report Last Saved By</b></p> <p>Oxbow Mining LLC</p> <p><b>User:</b></p> <p>GHGSMITHOXBOW</p> <p><b>Name:</b></p> <p>Douglas Smith</p> <p><b>E-Mail:</b></p> <p>doug.smith@oxbow.com</p> <p><b>Date/Time:</b></p> <p>2018-04-02 10:34 (Time Zone: -06:00)</p> <p><b>Report Last Signed By</b></p> <p>GHGSMITHOXBOW</p> <p><b>User:</b></p> <p>Douglas Smith</p> |                |                                                          |        |                                                           |                              |                                       |         |             |         |       |             |         |             |         |                           |             |         |       |          |                       |             |