

Simmons - DNR, Leigh <leigh.simmons@state.co.us>

NetDMR COR Submission for: CO0000132

Doug Smith <Doug.Smith@oxbow.com> To: "leigh.simmons@state.co.us" <leigh.simmons@state.co.us> Cc: Mike Ludlow <Mike.Ludlow@oxbow.com>

Mon, Dec 3, 2018 at 1:26 PM

Leigh,

Please find, for your records, the attached copy of the Sanborn & Elk Creek Mine Discharge Monitoring Reports that were submitted for the month of November 2018. (There was no discharge) Oxbow has submitted these to the CDPHE electronically. No hard copy will follow, but copies will be made and kept with the Elk Creek Mine Records.

Per your request, all DMR's have been scanned and are attached.

Any questions or concerns, please contact me.

Doug Smith

(970)929-6034

| 1 | 20181201 | November | DMR's to | CDRMS.pdf |
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| Permit | | | | | | | | | | | |
|--|--|--------------|----------------------|--------------------------------------|--------------------------------------|---|---|---|---|--|-----------------|
| #: | CO0000132 | | | Permittee: | | Oxbow Mining C | | | | | |
| Major: No | 0 | | | Permittee | Address: | PO Box 535 Somerset, CO 81434-0535 | | Facility Location: | SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434 | CRK MINES | |
| Permitted Feature: 00 | 007 External Outfall | | | Discharge: | | 007-A SEDIMENT POND TO HUBBARD CREEK | | - | | | |
| tus | | | | | | | | | | | |
| Monitoring Period: Fr | From 11/01/18 to 11/30/18 | 11/30/18 | | DMR Due Date: | | 12/28/18 | | Status: | NetDMR Validated | | |
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| Principal Executive Officer | | | | | | | | | | | |
| First Name: M | Mike | | | Title: | ٩. | President | | Talaahaaa | 000 000 010 | | |
| Last Name: Lu | Ludlow | | | | | | | 1 elebilone: | 2216-929-018 | | |
| No Data Indicator (NODI) | | | | | | | | | | | |
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| 00530 Solids, total suspended | 1 - Effluent Gross | 0 | 1 | Permit Req. | | | ţ | 35 30DA AVG <= | 70 DAILY MX 19 - mg/L | 01/30 - Monthly | GR - GRAB |
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| UC345 Solids, settleable | 1 - Effluent Gross | 0 | | Permit Req. Value NODI | | | | Req Mon 30DA AVG | Req Mon DAILY MX 25 - mL/L | 01/30 - Monthly | GR - GRAB |
| 01045 Iron, total [as Fe] | 1 - Effluent Gross | 0 | | Sample Permit Reg. | | | 1 | | | | |
| | | | | Value NODI Samole | | | U | 3500 30DA AVG <= C - No Discharge | 7000 DAILY MX 28 - ug/L C - No Discharge | 01/30 - Monthly | GR - GRAB |
| 03582 Oil and grease | 1 - Effluent Gross | • | | Permit Req. | | | | Ų | 10 INST MAX 19 - mg/L | 77/77 - Continuent | GP. GPAR |
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| Comments | | | | | | | | | | | |
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| E-Mail | | | in contract | | | | | | | | |
| Date/Time. | | non | doug.smingoxbow.com | KDOW.COM | | | | | | | |
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| Report Last Signed By | | | | | | | | | | | |
| User: | | 3 | GHGSMITHOXBOW | BOW | | | | | | | |
| Name: | | Dou | Douglas Smith | £ | | | | | | | |
| E-Mail: | | nop | doug.smith@oxbow.com | dow.com | | | | | | | |
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| MONITORING-SEE PART VI.A.2.G C Principal Executive Officer | E WAIVED, AND OF RATIONALE. | SETTLEABLE 30 DAY AVG. I | F HIGHEST M | APPLIED FOR <=10YR,24HF ONTHLY AVG. DURING PEF | 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 RQMNTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRITD. Principal Executive Officer | IS LIMIT MAY BE WAIVED | FOR >10YR,24HR EVENT-SE | E I.A.1,PP 4-5, AND | I.A.2, P. 5 FOR R(| QMNTS.TDS | |
| | Mike | | Ĕ | Title. | Desident | | | | | | |
| | Ludlow | | | | Lesigent | | Telephone: | 970-929-5122 | 2 | | |
| No Data Indicator (NODI) | | | | | | | | | | | |
| Form NODI: - | | | | | | | | | | | |
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| 00530 Solids, total suspended | 1 - Effluent Gross | 1 | Permit Req. Value NODI | e d. | | Ų | 35 30DA AVG <= C - No Discharce | 70 DAILY MX | 19 - mg/L 01/ | 01/30 - Monthly | GR - GRAB |
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| 03582 Oil and grease | 1 - Effluent Gross | - 0 | Permit Rec Volum NOT | a | | | | C - No Discharge 10 INST MAX | 19 - mg/L 77/ | 77/77 - Contingent | GR - GRAB |
| 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross | 1 - Effluent Gross | 1 0 | Sample Permit Req. | e Req Mon 30DA AVG | | | | C - No Discharge | | | |
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| E-Mail: | | doug.sn | doug.smith@oxbow.com | E | | | | | | | |
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| Canadian Canadian Canadia Canadi | Major: | 8 | | | Permittee Add | | O Box 535 omerset, CO 81434-0535 | | Facility Location: | 3737 HIGHWAY 133 SOMERSET, CO 814 | 34 | |
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| ter (100) Neuronal international internatio | Last Name: | Ludlow | | | | | | | :Allouideia. | 771C-676-0/6 | | |
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| ne: Last Signed By ne: | E-Mail: | | ìnop | g.smith@oxb | DW.COM | | | | | | | |
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| ter of other international and the second of | not office to the field of the | TSS & TOTAL IRON LIMITS WILL MONITORING-SEE PART VI.A.2.0 | BE WAIVED, AND G OF RATIONALE. | SETTLEABLE S 30 DAY AVG. IS | OLIDS LMT APF HIGHEST MON | PLIED FOR <=10YR,24HR PRI ITHLY AVG. DURING PERIOD | ECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIN) REPRID | VED FOR >10YR,24HR EVENT-SEE | E I.A.1,PP 4-5, AND I.A.2, P. 5 F | OR ROMNTS. TDS | | |
| Non Total T | India Table Table <th< td=""><td>Principal Executive Officer</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<> | Principal Executive Officer | | | | | | | | | | |
| Index Index <th colsp<="" td=""><td>Lubba Lubba <th< td=""><td>First Name:</td><td>Mike</td><td></td><td>Tie</td><td>le:</td><td>President</td><td>T-de-beer</td><td></td><td></td><td></td></th<></td></th> | <td>Lubba Lubba <th< td=""><td>First Name:</td><td>Mike</td><td></td><td>Tie</td><td>le:</td><td>President</td><td>T-de-beer</td><td></td><td></td><td></td></th<></td> | Lubba Lubba <th< td=""><td>First Name:</td><td>Mike</td><td></td><td>Tie</td><td>le:</td><td>President</td><td>T-de-beer</td><td></td><td></td><td></td></th<> | First Name: | Mike | | Tie | le: | President | T-de-beer | | | |
| Control Control </td <td>Material condition Constrained of the condition of</td> <td>Last Name:</td> <td>Ludlow</td> <td></td> <td></td> <td></td> <td></td> <td>I elephone:</td> <td>9/0-929-5122</td> <td></td> <td></td> | Material condition Constrained of the condition of | Last Name: | Ludlow | | | | | I elephone: | 9/0-929-5122 | | | |
| - | matrix matrix< | No Data Indicator (NODI) | | | | | | | | | | |
| Manual Control control Control | Matrix Control formation Cont | | 1 | | | | | | | | | |
| Main Control C | Mutual Control Control <th< td=""><td></td><td>Monitoring Locati</td><td>on Season # Param</td><td>IDON .</td><td></td><td>ity or Loading</td><td>Quality or Concentration</td><td></td><td></td><td></td></th<> | | Monitoring Locati | on Season # Param | IDON . | | ity or Loading | Quality or Concentration | | | | |
| 1 - Entorican 0 - < | - Function 0 - model - Function - Model | Code Name | | | | Value 1 | Value 2 Units | Qualifier 2 Value 2 | Units | It EX. Frequency of Analy | sis Sample Type | |
| anototical (1 et andre, 1 et a | automotion 1 = Functions 0 | 00400 pH | 1 - Effluent Gross | | Permit Req. Value NODI | | | | | 01/30 - Monthly | UTISNI - SI | |
| memory methy memory memory memory memory methy methy methy methy methy memory | multiple 1 Envirol multiple Envirol multiple Factors C. 0.000W P. 0.000 P. 0.0000 P. 0.000 P. 0.000 | 00530 Solids. total suspended | 1 - Effluent Groce | 6 | Sample | | | | C - NO DISCUARGE | | | |
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| Include 1. Filtwort Goar 0 0. Filtwort Goar 0 | Index Index <th< td=""><td>00545 Solids, settleable</td><td>1 - Effluent Gross</td><td></td><td>Permit Req. Value NODI Sample</td><td></td><td></td><td>Req Mon 30DA AVG C - No Discharge</td><td>Req Mon DAILY MX 25 - mL/L C - No Discharge</td><td>01/30 - Monthly</td><td>GR - GRAB</td></th<> | 00545 Solids, settleable | 1 - Effluent Gross | | Permit Req. Value NODI Sample | | | Req Mon 30DA AVG C - No Discharge | Req Mon DAILY MX 25 - mL/L C - No Discharge | 01/30 - Monthly | GR - GRAB | |
| media 1 - Effund (class 0 - Entities waters w | media 1-Effunct Cara D Media D Media D <thd< th=""> D D D<</thd<> | 01045 Iron, total [as Fe] | 1 - Effluent Gross | | Permit Req. Value NODI | | | 3000 30DA AVG C - No Discharoe | 312 | 01/30 - Monthly | GR - GRAB | |
| Concrete -< | Control - </td <td>03582 Oil and grease</td> <td>1 - Effluent Gross</td> <td>1</td> <td>Sample Permit Req.</td> <td></td> <td></td> <td></td> <td></td> <td>77/77 - Continuent</td> <td>GR . GRAR</td> | 03582 Oil and grease | 1 - Effluent Gross | 1 | Sample Permit Req. | | | | | 77/77 - Continuent | GR . GRAR | |
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| and mature 1 - Ellinari Grass - Tellinari C. To Distribution 0.000-0004 Motion - < | Motion 1 - Eliteric Clana 0 - Eliteric Clana 0 | | | 5 | Value NODI Samola | | Req Mon DAILY MX 03 - MGD C - No Discharge | | | 01/30 - Monthly | IN-INSTAN | |
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| Mining LLC me: Last Signed By | Mining LLC me: Last Signed By ne: | Report Last Saved By | | | | | | | | | | |
| ne: Last Signed By | ne: Last Signed By ne: | Oxbow Mining LLC | | | | | | | | | | |
| ne: Last Signed By | ne: Last Signed By te: | User: | | GHGSMI | THOXBOW | | | | | | | |
| me. Last Signed By | ne: Last Signed By Te: | Name: | | Douglas | Smith | | | | | | | |
| ne. Last Signed By | ne. Last Signed By To: | E-Mail: | | doug.smi | th@oxbow.com | | | | | | | |
| tea aige air | reas ougree by | Date/ Lime: | | 2018-12- | 03 09:43 (Tim | e Zone: -07:00) | | | | | | |
| | 10. | Report Last Signed By | | | | | | | | | | |
| ġ | ne: | User: | | GHGSMI | THOXBOW | | | | | | | |
| B | he: | Name: | | Douglas | Smith | | | | | | | |
| | | C-Mail: | | doug.smi | th@oxbow.com | | | | | | | |

| Permit | | | | | | | | | |
|--|--|--|-------------------------------------|--|--|---------------------------------------|---|--|-----------------|
| Permit #: | CO0000132 | | Perm | Permittee: | Oxbow Mining LLC | Facility: | SANBORN CRK & ELK CRK MINES | RK MINES | |
| Major: | Q | | Perm | Permittee Address: | PO Box 535 Somerset, CO 81434-0535 | Facility Location: | 3737 HIGHWAY 133 SOMERSET, CO 81434 | | |
| Permitted Feature: | 013 External Outfall | | Disci | Discharge: | 013-A RUNOFF TO N FORK GUNNISON R. | | | | |
| Report Dates & Status | | | | | | | | | |
| Monitoring Period: | From 11/01/18 to 11/30/18 | 1/30/18 | DMR | DMR Due Date: | 12/28/18 | Status: | NetDMR Validated | | |
| Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE V MONITORING-SEE PART VI.A.2.G OF | pletion LL BE WAIVED, AND S 2.G OF RATIONALE 3 | ETTLEABLE SOLI | DS LMT APPI | LIED FOR <=10YR,24HR PRI THI V AVG. DI IDING DEDIOD | Considerations for Form Completion St 3 TOTAL INFORMED, AND SETTLEABLE SOLIDS LMT APPLIED FOR 4=10YR 24HR PRECIPE 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 ROMNTS;TDS MONTO RETURE SEE PARTIVALE TO ADA AND IS HIGHEST MANDELY AVG TO HOMG DESERVICIDES COLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT-SEE I.A.1;PP 4-5, AND I.A.2, P; 5 FOR ROMNTS;TDS | ' IVED FOR >10YR,24HR EVENT-SEE | E I.A.1,PP 4-5, AND I.A.2, P. 5 FG | OR ROMNTS.TDS | |
| Principal Executive Officer | | | | | MERNU. | | | | |
| First Name: | Mike | | Title: | | President | Televen | | | |
| Last Name: | Ludlow | | <u>.</u> | | | 1 ereptione: | 2212-626-076 | | |
| No Data Indicator (NODI) | | | - | | | | | | |
| Form NODI: | 1 | | | | | | | | |
| Parameter | Monitoring Location | Monitoring Location Season # Param. NODI | | | Quantity or Loading | Quality or Connectments | i | | |
| Code Name | | | | Qualifier 1 Value 1 Qu | Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 | Qualifier 2 Value 2 Qualifier 3 | Value 3 Units | # of Ex. Frequency of Analysis Sample Type | sis Sample Type |
| 00400 pH | 1 - Effluent Gross | - 0 | Permit Req. | | WIWIWI =< | | MAXIMUM | 01/30 - Monthiv | UTISNI - SI |
| | | | Value NODI Sample | | C - No Discharge | rge | C - No Discharge | | |
| 00530 Solids, total suspended | 1 - Effluent Gross | 1 | Permit Req. Value NODI Samole | | | <= 35 30DA AVG <= C - No Discharge | 70 DAILY MX 19 - mg/L C - No Discharge | 01/30 - Monthly | GR - GRAB |
| 00545 Solids, settleable | 1 - Effluent Gross | - | Permit Req. Value NODI | | | Req Mon 30DA AVG C - No Discharce | Req Mon DALY MX 25 - mL/L C - No Discharce | 01/30 - Monthly | GR - GRAB |
| 01045 Iron, total [as Fe] | 1 - Effluent Gross | 1 | Sample Permit Req. | | | | | | |
| | | | Value NODI Sample | | | | 6000 DAILY MX 28 - ug/L C - No Discharge | 01/30 - Monthly | GR - GRAB |
| 03582 Oil and grease | 1 - Effluent Gross | 1 | Permit Req. Value NODI | | | ţ | 10 INST MAX 19 - mg/L C - No Discharge | 77/77 - Contingent | GR - GRAB |
| 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross | plant 1 - Effluent Gross | 1 | Permit Req. Value NODI | Req Mon 30DA AVG C - No Discharge | Req Mon DAILY MX 03 - MGD C - No Dischara | | | 01/30 - Monthly | IN - INSTAN |
| 84066 Oil and grease visual | 1 - Effluent Gross | 1 | Sample Permit Req. | 'n | Req Mon INST MAX 9P - N=0,Y=1 | | | | |
| Submission Note | | | Value NODI | | C - No Discharge | | | V1/30 - Monthly | VI - VISUAL |
| If a parameter row does not coni | tain any values for the \$ | Sample nor Effluent | : Trading, then | none of the following fields w | 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 Samnla Tune | . Frequency of Analysis and Samolo | Time | | |
| Edit Check Errors | | | | | | | - the | | |
| No errors. | | | | | | | | | |
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| Attachments | | | | | | | | | |
| No attachments. | | | | | | | | | |
| Keport Last Saved By | | | | | | | | | |
| | | | | | | | | | |
| User. | | GHGSMITHOXBOW | OXBOW | | | | | | |
| Name: | | Douglas Smith | mith | | | | | | |
| E-Mail: | | doug.smith@ | doug.smith@oxbow.com | | | | | | |
| Uate/ Lime: | | 2018-12-03 | 09:43 (Time | 2018-12-03 09:43 (Time Zone: -07:00) | | | | | |
| Report Last Signed By | | | | | | | | | |
| User: | | GHGSMITHOXBOW | OXBOW | | | | | | |
| Name: | | Douglas Smith | mith | | | | | | |
| E-Mail: DeterTime: | | doug.smith@oxbow.com | Doxbow.com | | | | | | |
| Date/ Hille. | | 2018-12-03 | 09:47 (Time | 2018-12-03 09:47 (Time Zone: -07:00) | | | | | |
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|---|---|-------------------|-------------------------------------|--|---------------------------|---|---------------------------------|--------------------------------------|---------------|--|------------------------------|---|----------------|
| Permit #: | CO0000132 | | <u>a</u> | Permittee: | Oxbow M | Oxbow Mining LLC | | Facility: | | SANRORN C | SANBORN CRK & FI K CRK MINES | PK MINES | |
| Major: | Q | | 0. | Permittee Address: | PO Box 535 Somerset, C | PO Box 535 Somerset, CO 81434-0535 | | Facility Location: | ation: | 3737 HIGHWAY 133 SOMERSET, CO 81434 | AY 133 CO 81434 | 3 | |
| Permitted Feature: | 014 External Outfall | | <u> </u> | Discharge: | 014-A SURF RL | 014-A SURF RUNOFF TO N FK GUNNISON R | œ | | | | | | |
| Report Dates & Status | | | | | | | : | | | | | | |
| Monitoring Period: | From 11/01/18 to 11/30/18 | 11/30/18 | | DMR Due Date: | 12/28/18 | | | Status: | | NetDMR Validated | idated | | |
| Considerations for Form Completion | mpletion | | | | | | | | | | | | |
| 155 & 1014L IRON LIMITS WILL BE WAVED, AND SETTLEABLE SOLIDS LIMT APPLIED FOR <=10YR,24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT;SET ILEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT;SET ILEABLE 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRID. | WILL BE WAIVED, AND A.2.G OF RATIONALE | DAY AVG. | E SOLIDS LMT | APPLIED FOR <=10YR,24 MONTHLY AVG. DURING F | HR PRECIP EV | ENT;SETTLEABLE SOLIDS L). | LIMIT MAY BE WAIVED |) FOR >10YR,24HR | EVENT-SEE | I.A.1,PP 4-5, AND | I.A.2, P. 5 FO | R ROMNTS. TDS | |
| Principal Executive Officer | | | | | | | | | | | | | |
| First Name: | Mike | | H | Title: | President | | | Telephone: | | 970-929-5122 | 2 | | |
| Last Name: | Ludlow | | | | | | | _ | | | | | |
| No Data Indicator (NODI) | | | | | | | | | | | | | |
| Form NODI: | 1 | | | | | | | | | | | | |
| Parameter | Monitoring Location Season # Param. NODI | tion Season # Par | ram. NODI | | Quantity or Loading | | | Quality or Concentration | centration | | # of E | # of Ex. Frequency of Analysis Samula Turio | ala Samula Tur |
| Name | | | | Qualifier 1 Value 1 | Qualifier 2 | Value 2 Units Qu | Qualifier 1 Value 1 Q | Qualifier 2 Value 2 | 2 Qualifier 3 | -3 Value 3 | Units | | |
| 00400 pH | 1 - Effluent Gross | і 0 | Permit Req. Value NODI | Req. | | u X | 6.5 MINIMUM C - No Discharte | | ţ | MUMIXWI 6 | 12 - SU | 01/30 - Monthly | NTISNI - SI |
| 00530 Solide Intal energydad | 1 - Efficient Canad | c | Sample | ple | | | | | | C - NO DISCUARGE | | | |
| | | | Value NODI Samole | NOD! Die | | | v | <= 35 30DA AVG C - No Discharge | rge <= | 70 DAILY MX C - No Discharge | 19 - mg/L | 01/30 - Monthly | GR - GRAB |
| 00545 Solids, settleable | 1 - Effluent Gross | 0 | Permit Req. Value NODI | Req. NODI | | | | Req Mon 30DA AVG C - No Discharge | A AVG rge | Req Mon DAILY MX 25 - mL/L C - No Discharge | - 25 - mL/L | 01/30 - Monthly | GR - GRAB |
| 01045 iron, total [as Fe] | 1 - Effluent Gross | 1 | Permit Req. Vatue NODI | Req. | | | v | <= 3000 30DA AVG C - No Discharge | => OV | 6000 DAILY MX C - No Discharge | 28 - ug/L | 01/30 - Monthly | GR - GRAB |
| 03582 Oil and grease | 1 - Effluent Gross | 1 | Permit Req. Value NODI | Pie Req. NODI | | | | | Ų | 10 INST MAX C - No Discharge | 19 - mg/L | 77/77 - Contingent | GR - GRAB |
| 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross | ent plant 1 - Effluent Gross | 1 | Sample Permit Req. Value NODI | Req. Req Mon 30DA AVG NODI C - No Discharge | | Req Mon DAILY MX 03 - MGD C - No Discharge | | | | | | 01/30 - Monthly | IN - INSTAN |
| 84066 Oil and grease visual | 1 - Effluent Gross | - 0 | Sample Permit Req | pie Req. | Re | Req Mon INST MAX 9P - N=0;Y=1 | | | | | | | |
| Submission Note | | | Value NODI | IOON | ö | C - No Discharge | | | | | | 01/30 - Monthly | VI - VISUAL |
| If a parameter row does not co Edit Check Errors | ontain any values for th | e Sample nor E | Effluent Trading. | , then none of the following | fields will be sub | 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 | nber of Excursions, Fre | quency of Analysis, | and Sample | ype. | | | |
| No errors. | | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Attachments | | | | | | | | | | | | | |
| Report Last Saved By | | | | | | | | | | | | | |
| Oxbow Mining LLC | | | | | | | | | | | | | |
| User: | | GHG | GHGSMITHOXBOW | | | | | | | | | | |
| Name: | | Doug | Douglas Smith | | | | | | | | | | |
| E-Mail: | | "Gnop | doug.smith@oxbow.com | moo | | | | | | | | | |
| Date/Time: | | 2018- | .12-03 09:44 (| 2018-12-03 09:44 (Time Zone: -07:00) | | | | | | | | | |
| Report Last Signed By | | | | | | | | | | | | | |
| User: | | CHG | GHGSMITHOXBOW | | | | | | | | | | |
| Name: | | Doug | Douglas Smith | | | | | | | | | | |
| E-Mail: | | ::Gnop | doug.smith@oxbow.com | moo | | | | | | | | | |
| Date/Time: | | 2018- | .12-03 09:47 (| 2018-12-03 09:47 (Time Zone: -07:00) | | | | | | | | | |
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| Permit | | | | | | | | | |
|--|--|--------------------------------------|-------------------------------------|--------------------------------------|---|--|---|---------------------------------------|-------------------|
| Permit #: | CO0000132 | | Permittee: | | Oxbow Mining LLC | Facility: | SANBORN CRK & FI K CRK MINES | KMINES | |
| Major: | Q | | Permitte | Permittee Address: | PO Box 535 Somerset, CO 81434-0535 | Facility Location: | 3737 HIGHWAY 133 SOMERSET, CO 81434 | | |
| Permitted Feature: | 015 External Outfall | | Discharge: | :2 | 015-A DISCHARGE TO ELK CREEK | | | | |
| Report Dates & Status | | | | | | | | | |
| Monitoring Period: | From 11/01/18 to 11/30/18 | 8 | DMR Due Date: | e Date: | 12/28/18 | Status: | NetDMR Validated | | |
| Considerations for Form Completion | letion | | | | | | | | |
| 30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE I.B.1.D. | MONTHLY AVERAGE DUR | ING PERIOD RE | PORTED. OIL & | & GREASE - SEE I.B.1.D | | | | | |
| Principal Executive Officer | | | | | | | | | |
| First Name: | Mike | | Title: | | President | Telephone: | 970-929-5122 | | |
| Last Name: | Ludlow | | | | | | 7710-070-010 | | |
| No Data Indicator (NODI) | | | - | | | | | | |
| Form NODI: | 1 | | | | | | | | |
| Parameter | Monitoring Location Season # Param. NODI | n # Param. NODI | | | guibi | Quality or Concentration | | Bof Ev Constants of Antimits County T | |
| Code Name | | | Qualifier 1 | Value 1 | Qualifier 2 Value 2 Units Qualifie | Qualifier 1 Value 1 Qualifier 2 Value 2 Qual | Qualifier 3 Value 3 Units | in the found in the second | adula adula i ype |
| 00400 pH | 1 - Effluent Gross 0 | 1 | Sample Permit Req. Vatue NODI | | X | | MAXIMUM | 01/30 - Monthly | IS - INSITU |
| 00530 Solids, total suspended | 1 - Effluent Gross 0 | <u>د</u> > ۱ | Sample Permit Req. Value NODI | | | 8 | 70 MX 7D AV 19 - mg/L | 01/30 - Monthly | GR - GRAB |
| 01045 Iron. total las Fei | 1 - Efficient Gross | c | Sample | | | C - No Discharge | C - No Discharge | | |
| | | | Value NODI | | | <= 3000 30DA AVG <= C - No Discharge | 6000 DAILY MX 28 - ug/L C - No Discharge | 01/30 - Monthly | GR - GRAB |
| 03582 Oil and grease | 1 - Effluent Gross 0 | а. : I | Permit Req. | | | Ų | 10 INST MAX 19 - mg/L | 77/77 - Contingent | GR - GRAB |
| 50050 Flow in conduit or than treatment class 1 - Efficient Crees | | | Sample | | | | C - No Discharge | 1 | |
| | | a > 1 | Value NODI | Req Mon 30DA AVG C - No Discharge | Req Mon DAILY MX 03 - MGD C - No Discharge | | | 01/30 - Monthly | IN-INSTAN |
| 84066 Oil and grease visual | 1 - Effluent Gross 0 | <u>د</u> > ۱ | Sample Permit Req. Value NODI | | Req Mon INST MAX 9P - N=0;Y=1 C - No Discharge | | | 01/07 - Weekly | VI - VISUAL |
| Submission Note | | 1 | | | | | | | |
| If a parameter row does not conta- | in any values for the Sample | e nor Effluent Tra | ding, then none | of the following fields wil | be submitted for that row: Units, Number | 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. | nple Type. | | |
| Edit Check Errors | | | | | | | | | |
| No errors. | | | | | | | | | |
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| Attachments | | | | | | | | | |
| No attachments. | | | | | | | | | |
| Report Last Saved By | | | | | | | | | |
| Oxbow Mining LLC | | | | | | | | | |
| User: | Ū | GHGSMITHOXBOW | MO | | | | | | |
| Name: | | Douglas Smith | | | | | | | |
| E-Mail: | 0 | doug.smith@oxbow.com | W.COT | | | | | | |
| Date/ Lime: | ~ | 2018-12-03 09:45 (Time Zone: -07:00) | 5 (Time Zone: - | 00:20 | | | | | |
| report Last Signed By | | | | | | | | | |
| Name. | | GHGSMITHOXBOW | M | | | | | | |
| E-Mail | | Douglas Smith | | | | | | | |
| Date/Time: | э с | | moo.w | | | | | | |
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| Permit | | | | | | | | | | |
|--|----------------------------|--|---|--|---|---------------------------------------|------------------------------------|---|--|-----------------|
| Permit #: | CO0000132 | | Pet | Permittee: | Oxbow Mining LLC | Fa | Facility: | SANBORN CRK & ELK CRK MINES | RK MINES | |
| Major: | Q | | Be | Permittee Address: | PO Box 535 Somerset, CO 81434-0535 | <u>r</u> | Facility Location: | 3737 HIGHWAY 133 SOMERSET, CO 81434 | | |
| Permitted Feature: | 016 External Outfall | | Dis | Discharge: | 016-A SURFACE RUNOFF TO ELK CREEK | | | | | |
| Report Dates & Status | | | | | | | | | | |
| Monitoring Period: | From 11/01/18 to 11/30/18 | 11/30/18 | MQ | DMR Due Date: | 12/28/18 | St. | Status: | NetDMR Validated | | |
| Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE V | letion L BE WAIVED, AND | SETTLEABLE S | OLIDS LMT API | PLIED FOR <=10YR,24 HR | Considerations for Form Completion TSS & TAL IROV WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR,24 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10YR 24 HR EVENT.SFF I A 1 PP 4.5 AND 1.4 2 P 5 EAP PAINTE TOS | T TS MAY BE WAIVED FOR | >10YR.24HR EVENT-S | EFIA 1 PP 4-5 AND 1 A 2 P | | Q |
| Principal Executive Officer | G OF RATIONALE. | 30 DAY AVG IS | HIGHEST MON | ITHLY AVG DURING PERIC | D RPTD. | | | | | 2 |
| First Name: | Mike | | Titla. | ä | Dracidort | 1 | | | | |
| Last Name: | Ludiow | | ! | ; | TIDOCOLL | Te | Telephone: | 970-929-5122 | | |
| No Data Indicator (NODI) | | | | | | | | | | |
| Form NODI: | 1 | | | | | | | | | |
| Parameter Code Name | Monitoring Locati | Monitoring Location Season # Param. NODI | NODI | Qua Ounitere Volue 6 | ding | | ality or Concentrat | | # of Ex. Frequency of Analysis Sample Type | sis Sample Type |
| | | Non- | Sample | Value 1 | Quaimer 2 Value 2 Units Qualifie | Units Qualifier 1 Value 1 Qualifier 2 | Value 2 Qualifier 3 | Value 3 Units | | |
| 00400 pH | 1 - Effluent Gross | - 0 | Permit Req | | X | 6.5 MINIMUM | Ų | 9 MAXIMUM 12 - SU | 01/30 - Monthly | IS- INSITU |
| | | | Sample | | | C - No Discharge | | C - No Discharge | | |
| coord colles, colal suspensed | 1 - Emuent Gross | 1 | Permit Req Value NOD | | | U | 35 30DA AVG <= C - No Discharge | 70 DAILY MX 19 - mg/L C - No Discharge | 01/30 - Monthly | GR - GRAB |
| 00545 Solids, settleable | 1 - Effluent Gross | 1 | Permit Req Value NOD | | | | Req Mon 30DA AVG | Req Mon DAILY MX 25 - mL/L | 01/30 - Monthly | GR - GRAB |
| 01045 Iron, total [as Fe] | 1 - Effluent Gross | 1 | Sample Permit Req | | | | | | | |
| 00500 00 | | | Value NODI Sample | | | | C - No Discharge | 6000 DAILY MX 28 - ug/L C - No Discharge | 01/30 - Monthly | GR - GRAB |
| USSIX OII and grease | 1 - Effluent Gross | 1 | Permit Req Value NOD | 2 - | | | V | 10 INST MAX 19 - mg/L C - No Discharce | 77/77 - Contingent | GR - GRAB |
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| 84066 Oil and grease visual | 1 - Effluent Gross | 1 | Permit Req Value NOD | | Req Mon INST MAX 9P - N=0;Y=1 C - No Discharge | | | | 01/30 - Monthly | VI - VISUAL |
| Submission Note | | | | | | | | | | |
| Edit Check Errors | in any values for the | s Sample nor Efflu | uent Trading, the | an none of the following field. | in 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. Unlis, Number of Excursions, Frequency of Analysis, and Sample Type. | r of Excursions, Frequency | of Analysis, and Sample | Type. | | |
| No errors. | | | | | | | | | | |
| Comments | | | | | | | | | | |
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| Attachments No attachments. | | | | | | | | | | |
| Report Last Saved By | | | | | | | | | | |
| Oxbow Mining LLC | | | | | | | | | | |
| User: | | GHGSMI | GHGSMITHOXBOW | | | | | | | |
| Name: | | Douglas Smith | Smith | | | | | | | |
| E-Mail: | | doug.sm | doug.smith@oxbow.com | | | | | | | |
| Date/Time: | | 2018-12- | 2018-12-03 09:45 (Time Zone: -07:00) | e Zone: -07:00) | | | | | | |
| Report Last Signed By | | | | | | | | | | |
| User: Namo: | | GHGSMI | GHGSMITHOXBOW | | | | | | | |
| F.Moil: | | Douglas Smith | Smith | | | | | | | |
| Date/Time: | | aoug.sm. 2018-12-1 | doug.smith@oxbow.com 2018-12-03 09:47 (Tim | doug.smith@oxbow.com 2018-12-03 09:47 (Time Zone: -07:00) | | | | | | |
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| <pre>unc. 0.000 (0.000</pre> | Major: | N | | Permittee | Address: | PO Box 535 Somerset, CO 81434-0535 | Facility Location: | 3737 HIGHWAY 133 SOMERSET, CO 81434 | | |
| Interface Interface <t< td=""><td></td><td>017 External Outfall</td><td></td><td>Discharg</td><td>ä</td><td>017-A SURF RUNOFF TO N. FK GUNIS RIV</td><td></td><td></td><td></td><td></td></t<> | | 017 External Outfall | | Discharg | ä | 017-A SURF RUNOFF TO N. FK GUNIS RIV | | | | |
| Mail for the control of the | Monitoring Period: | From 11/01/18 to 1 | 1/30/18 | DMR Due | . Date: | 12/28/18 | | | | |
| terre offere time and a set of the set of th | Considerations for Form Comp TSS & TOTAL IRON LIMITS WILL - SEE PART VI.A.2.G OF RATION | etion BE WAIVED, AND : ALE. 30 DAY AVG I | SETTLEABLE SO | LIDS LMT APPLIES | FOR <=10YR,24HR PRE | CIP EVENT;SETTLEABLE SOLIDS LIMIT MAY B | Status: E WAIVED FOR >10YR,24HR EVERT-SEE | NetDMR Validated (J.A.1,PP 4-5, AND I.A.2., P 5 FO | R ROMNTS. TDS N | ONITORING |
| Non- tube Total | Principal Executive Officer | | | | | | | | | |
| Index | First Name: | Mike | | Title: | | President | Trinsteau | 000 000 | | |
| Control Control <t< td=""><td>Last Name:</td><td>Ludlow</td><td></td><td></td><td></td><td></td><td></td><td>771G-676-0/A</td><td></td><td></td></t<> | Last Name: | Ludlow | | | | | | 771G-676-0/A | | |
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| ne. Last Signed By Tre: | Name: | | Douglas | Smith | | | | | | |
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| he: | Name: | | Douglas | Smith | | | | | | |
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| Dimonstructure Dimensional Dimensional <thdimensional< th=""></thdimensional<> | | Q | | Permitte | e Address: | PO Box 535 Somerset, CO 81434-0535 | | Facility Location: | 3737 HIGH SOMERSE | IWAY 133 ET, CO 81434 |] | |
| Francision Data | | 019 External Outfall | | Discharg | :0 | 019-A SURFACE RUNOFF TO HUBBARD (| XX | | | | | |
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| Main Location Technology Tech | TSS & TOTAL IRON LIMITS WILL MONITORING-SEE PART VI.A.2. | BE WAIVED, AND 3 OF RATIONALE. | SETTLEABLE SC 30 DAY AVG IS H | LIDS LMT APPLI | ED FOR <=10,24HR PRE Y AVG DURING REPOR | CCIP EVENT;SETTLEABLE SOLIDS LIN RTING PERIOD. | VIT MAY BE WAIVED FOI | R >10YR.24HR EVENT-SEI | E I.A.1,PP 4-5, AND I. | A.2, P 5 FOR RQMN | ITS.TDS | |
| Mile Telephone Control Control <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<> | | | | | | | | | | | | |
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| n control cont | | Ludiow | | | | | | | | | | |
| Exercise | cator (NODI) | | | | | | | | | | | |
| Market of the state o | | | | | | | | | | | | |
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| ne: Last Signed By | Name: | | Douglas | Smith | | | | | | | | |
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| | Name: | | Douglas | Smith | | | | | | | | |
| | E-Mail: | | doug.smith | I@oxbow.com | | | | | | | | |