

DMR Copy of Record

Permit Permit #: CO0000132 Major: No		Permittee: Permittee Address: Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535		Facility: Facility Location: SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434																			
Permitted Feature: 009 External Outfall		Discharge: 009-A Surface Runoff to N Fork of Gunnison River																					
Report Dates & Status Monitoring Period: From 10/01/21 to 10/31/21		DMR Due Date: 11/28/21		Status: NotDMR Validated																			
TSS & Total Recoverable Iron Limits will be waived, and settleable solids lmt applied for <=10YR.24hr precip event. 30 day avg is highest monthly avg during period reported.																							
Principal Executive Officer First Name: MIKE Title: PRESIDENT Last Name: LUDLOW Telephone: 970-925-5122																							
No Data Indicator (NODI) Form NODI: -																							
Code	Parameter Name	Monitoring Location Reason #	Reason NODI	Sample Permit Req. Value NODI	Quarter 1 Value 1	Quarter 2 Value 2	Quarter 3 Value 3	Quarter 4 Value 4	Units	Qualifier 1	Qualifier 2	Qualifier 3	Qualifier 4	Quality or Contingent Action	Value 1	Value 2	Value 3	Value 4	Units	Frequency of Analysis	Sample Type		
00400	pH	1 - Effluent Gross	0	-						>=					6.5 MINIMUM C - No Discharge								
00530	Solids, total suspended	1 - Effluent Gross	0	-											35.0 30DA AVG C - No Discharge								
00980	Iron, total recoverable	1 - Effluent Gross	0	-											3000.0 30DA AVG C - No Discharge								
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-											0.039 30DA AVG C - No Discharge								
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: Douglas Smith E-Mail: doug.smith@oxbow.com Date/Time: 2021-11-01 09:54 (Time Zone: -06:00)																							
Report Last Signed By User: Name: Douglas Smith E-Mail: doug.smith@oxbow.com Date/Time: 2021-11-01 09:54 (Time Zone: -06:00)																							

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Permit
 Permit #: **CO0000132**
 Major: **No**
 Permitted Feature: **012 External Outfall**
 Facility: **SANBORN CRK & ELK CRK MINES**
 Facility Location: **3737 HIGHWAY 133 SOMERSET, CO 81434**
 DMR Due Date: **11/28/21**
 Status: **NetDMR Validated**
 Report Dates & Status
 Monitoring Period: **From 10/01/21 to 10/31/21**
 Considerations for Form Completion
 TSS & Total Recoverable Iron limits will be waived, and Settlesable Solids Lmt applied for <=10yr-24hr precip event. 30 day avg is highest monthly avg during period reported. Report calculated SAR at MLOC=EG; adjusted SAR at MLOC=P.
 Principal Executive Officer
 First Name: **MIKE**
 Last Name: **LUDLOW**
 No Data Indicator (NODI)
 Form NODI: **-**
 Title: **PRESIDENT**
 Telephone: **970-929-5122**

Code	Parameter Name	Monitoring Location	Station #	Season	Sample Permit Req. Value NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of EA, Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	-	-									Req Mon MX WK AV C - No Discharge	04 - deg C 9999 - Continuous RC - Recorder (auto)
00094	Conductivity	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	7B - dS/m 0230 - Twice Per Month GR - GRAB
00400	pH	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	12 - SU 0120 - Monthly GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0120 - Monthly GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-	-	-									Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01113	Cadmium, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01313	Cadmium, potentially dissolved	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
03592	Oil and grease	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	10.0 INST MAX C - No Discharge	10 - mg/L	7/1/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	0.004 30DA AVG C - No Discharge	03 - MGD	01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	-		Sample Permit Req. Value NO2	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB

82057	Boron, total	1 - Effluent Gross	0	-		Sample Permit Req: Value NOD	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/20 - Twice Per Month GR - GRAAS
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84056	Oil and grease Visual	1 - Effluent Gross	0	-		Sample Permit Req: Value NOD	Req Mon INST MAX 99 - No Discharge C - No Discharge	01/20 - Monthly	VI - VISUAL
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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:

Name:

E-Mail:

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Douglas Smith

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2021-11-01 09:53 (Time Zone: -06:00)

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