

DMR Copy of Record

Permit

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Someset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	012 External Outfall	Discharge:	012-A Sediment Pond to Elk Creek		
Report Dates & Status					
Monitoring Period:	From 01/01/24 to 01/31/24	DMR Due Date:	02/28/24	Status:	NetDMR Validated
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	Title:	PRESIDENT	Telephone:	970-929-5122
Last Name:	LUDLOW				
No Data Indicator (NODI)					
Form NODI:					

Sample	Parameter	Monitoring Location	Maximum Permitted	Sample	Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	-	9999 - Continuous	RC - Recorder (auto)
00084	Conductivity	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	7B - dB/m	0230 - Twice Per Month GR - GRAB	
00400	pH	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	12 - SU	0130 - Monthly	GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	19 - mg/L	0230 - Twice Per Month GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	19 - mg/L	0130 - Monthly	GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	19 - mg/L	0230 - Twice Per Month GR - GRAB	
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	19 - mg/L	0230 - Twice Per Month GR - GRAB	
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	19 - mg/L	0230 - Twice Per Month GR - GRAB	
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	-	-	-	-	-	-	-	1U - Ratio	0230 - Twice Per Month CA - CALCTD	
00931	Sodium adsorption ratio	P - See Comments	0	-	-	-	-	-	-	-	-	1U - Ratio	0230 - Twice Per Month CA - CALCTD	
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	19 - mg/L	0230 - Twice Per Month GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	28 - ug/L	0230 - Twice Per Month GR - GRAB	
00980	Iron, total recoverable	1 - Effluent Gross	0	-	-	-	-	-	-	-	-	28 - ug/L	0130 - Monthly	GR - GRAB

01048	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	Req Mon DAILY MX 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 NOD	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 NOD	Req Mon DAILY MX 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 NOD	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 NOD	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 NOD	Req Mon DAILY MX 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 NOD	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 NOD	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 NOD	Req Mon DAILY MX 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 NOD	10.0 INST MAX C - No Discharge	19 - mg/L	7/7/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	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 NOD	0.004 30DA AVG C - No Discharge	03 - MGD	Req Mon DAILY MX C - No Discharge
50286	Mercury, total [low level]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	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 NOD	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 NOD	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB

DMR Copy of Record

Permit #:
Major:

CO0000132
No

Permitted Feature:

009
External Outfall

Report Dates & Status

Monitoring Period:
Considerations for Form Completion

TSS & Total Recoverable Iron Limits will be waived, and settleable solids int applied for <= 10YR 24hr precip event. 30 day avg is highest monthly avg during period reported.

Principal Executive Officer

First Name:
Last Name:

MIKE
LUDLOW

Form NOD:

No Data Indicator (NOD)

Permittee:

Oxbow Mining LLC
PO Box 535
Somerset, CO 81434-0535

Discharge:

009-A
Surface Runoff to N Fork of Gunnison River

DMR Due Date:

02/28/24

Status:

No DMR Validated

Telephone:

970-929-5122

Facility:

SANBORN CRK & ELK CRK MINES
3737 HIGHWAY 133
SOMERSET, CO 81434

Code	Permit Name	Monitoring Location	Season & Permit NOD	Sample Permit Req. Value HOD	Quality of Loading	Quantity of Concentration	Quality of Discharge	Value 1	Value 2	Value 3	Units	Qualifier	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value HOD	6.5 MINIMUM C - No Discharge	>=	9.0 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB			
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value HOD	35.0 30DA AVG C - No Discharge	<=	70.0 MX 7D AV C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB			
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value HOD	1000.0 30DA AVG C - No Discharge	<=	6000.0 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB			
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value HOD	Req Mon DAILY MX C - No Discharge	03 - MGD			01/30 - Monthly	IN - INSTAN			

Submission Note

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

Edit Check Errors

No errors

Comments

Attachments

No attachment

Report Last Saved By

Oxbow Mining LLC

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2024-02-01 09:19 (Time Zone: -07:00)

Report Last Signed By

GHGSMITHOXBOW

User:

Douglas Smith

Name:

doug.smith@oxbow.com

E-Mail:

2024-02-01 09:20 (Time Zone: -07:00)

Date/Time: