

DMR Copy of Record

Permit #: CO0000132 Major: No		Permittee: Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535		Facility: 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: From 07/01/23 to 07/31/23		DMR Due Date: 08/28/23		Status: NetDMR Validated	
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: MIKE Last Name: LUDLOW		Title: PRESIDENT Telephone: 970-929-5122			
Form NOD: No Data Indicator (NOD)					
Code	Parameter Name	Monitoring Location	Season #	Sample Period Req. Value NOD	Sample Period Req. Value NOD
00400	pH	1 - Effluent Gross	0	--	--
00530	Solids, total suspended	1 - Effluent Gross	0	--	--
00980	Iron, total recoverable	1 - Effluent Gross	0	--	--
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	--

Code	Parameter Name	Monitoring Location	Season #	Sample Period Req. Value NOD	Sample Period Req. Value NOD	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	--	>=	6.5 MINIMUM	C - No Discharge		<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	--			<=	35.0 30DA AVG	C - No Discharge	70.0 MX 7D AV	19 - mg/L	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	--			<=	1000.0 30DA AVG	C - No Discharge	6000.0 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	--				0.039 30DA AVG	C - No Discharge				
									Req Mon DAILY MX	03 - MGD			01/30 - Monthly	IN - INSTAN

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: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2023-08-01 09:08 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2023-08-01 09:08 (Time Zone: -06:00)

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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:	012 External Outfall	Discharge:	012-A Sediment Pond to Elk Creek		

Report Dates & Status

Monitoring Period:	From 07/01/23 to 07/31/23	DMR Due Date:	08/28/23	Status:	NetDMR Validated
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Considerations for Form Completion

TSS & Total Recoverable Iron limits will be waived, and Settleable Solids Limit applied for <= 10yr, 24hr precip event. 30 day avg is highest monthly avg during period reported. Report calculated SAR at MLOC=EG; adjusted SAR at MLOC=P.

Principal Executive Officer

First Name:	MIKE	Title:	PRESIDENT	Telephone:	970-929-5122
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Last Name:

LUDLOW

Form NOD:

No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Section #	Sample Permit Req	Value NOD	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Eff. Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	-									Req Mon DAILY MX 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 02/30 - Twice Per Month GR - GRAB
00400	pH	1 - Effluent Gross	0	-	-									Req Mon 30DA AVG C - No Discharge	12 - SU 01/30 - Monthly GR - GRAB
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	-	-									Req Mon DAILY MX C - No Discharge	02/30 - Twice Per Month GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	-									Req Mon 30DA AVG C - No Discharge	19 - mg/L 01/30 - Monthly GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	-									Req Mon DAILY MX C - No Discharge	02/30 - Twice Per Month GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	-									Req Mon DAILY MX C - No Discharge	02/30 - Twice Per Month GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	-									Req Mon DAILY MX C - No Discharge	02/30 - Twice Per Month GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	-									Req Mon DAILY MX C - No Discharge	02/30 - Twice Per Month CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	-	-									Req Mon DAILY MX C - No Discharge	02/30 - Twice Per Month CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	-									Req Mon 30DA AVG C - No Discharge	19 - mg/L 02/30 - Twice Per Month GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	-									Req Mon 30DA AVG C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-	-									Req Mon 30DA AVG C - No Discharge	28 - ug/L 01/30 - Monthly GR - GRAB

01046	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 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 NOD	Req Mon 30DA AVG 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 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 NOD	Req Mon 30DA AVG 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 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
03582	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	01/30 - Monthly IN - INSTAN
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

