

DMR Copy of Record

Permit	Permittee:	Facility:
Permit #: CO0000132	Oxbow Mining LLC	SANBORN CRK & ELK CRK MINES
Major: No	PO Box 535	3737 HIGHWAY 133
	Somerset, CO 81434-0535	SOMERSET, CO 81434
Permitted Feature:	Discharge:	
009 External Outfall	009-A Surface Runoff to N Fork of Gunnison River	
Report Dates & Status	DMR Due Date:	Status:
Monitoring Period: From 10/01/20 to 10/31/20	11/28/20	NetDMR Validated
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.		
Principal Executive Officer		
First Name: MIKE	Title:	Telephone:
Last Name: LUDLOW	PRESIDENT	970-929-5122
Form NOD:		

LUBLOW																	
Last Name: _____																	
No Data Indicator (NODI)																	
Form NODI: _____																	
Code	Parameter Name	Monitoring Location		Season	# Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis Sample Type							
		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 NODI											
00530	Solids, total suspended	1 - Effluent Gross	0	--		Sample											
						Permit Req.											
						Value NODI											
00980	Iron, total recoverable	1 - Effluent Gross	0	--		Sample											
						Permit Req.											
						Value NODI											
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		Sample											
						Permit Req.	<=	0.039 300A AVG	03 - MGD								
						Value NODI	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:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

GHGSMITHOXBOW

Douglas Smith

doug.smith@oxbow.com

2020-11-02 09:16 (Time Zone: -07:00)

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Permit Permit #: CO0000132 Major: No	Permittee: Osbow 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: 012 External Outfall	Discharge: 012-A Sediment Pond to Elk Creek	
Report Dates & Status Monitoring Period: From 10/01/20 to 10/31/20 Considerations for Form Completion 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. Report calculated SAR at MLOC=EG; adjusted SAR at MLOC=P.	DMR Due Date: 11/28/20	Status: NetDMR Validated
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	Season # Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading 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
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--						Req Mon MX WK AV C - No Discharge			5999 - Continuous	RC - Recorder (auto)
00094	Conductivity	1 - Effluent Gross	0	--						Req Mon 300A AVG C - No Discharge			7B - dS/m	02/30 - Twice Per Month GR - GRAB
00400	pH	1 - Effluent Gross	0	--				>=	6.5 MINIMUM C - No Discharge	<=	9.0 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	--						Req Mon 300A AVG C - No Discharge			02/30 - Twice Per Month GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	--				<=	30.0 300A AVG C - No Discharge	<=	45.0 MX 7D AV C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	--						Req Mon 300A AVG C - No Discharge			02/30 - Twice Per Month GR - GRAB	
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--						Req Mon 300A AVG C - No Discharge			02/30 - Twice Per Month GR - GRAB	
00923	Sodium, total recoverable	1 - Effluent Gross	0	--						Req Mon 300A AVG 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	
00940	Chloride [as Cl]	1 - Effluent Gross	0	--						Req Mon 300A AVG C - No Discharge			02/30 - Twice Per Month GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--						Req Mon 300A AVG C - No Discharge			02/30 - Twice Per Month GR - GRAB	
00980	Iron, total recoverable	1 - Effluent Gross	0	--				<=	3000.0 300A AVG C - No Discharge	<=	28 - ug/L	02/30 - Twice Per Month GR - GRAB		

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	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 NODI	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 NODI	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 NODI	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 NODI	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 NODI	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 NODI	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 NODI	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 NODI	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 NODI	Req Mon DAILY MX 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 NODI	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 NODI	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 NODI	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 NODI	Req Mon DAILY MX 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 NODI	Req Mon DAILY MX C - No Discharge	10.0 INST MAX C - No Discharge	19 - mg/L 71777 - Contingent
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	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. <=	0.004 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	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 NODI	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 NODI	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 NODI	Req Mon 300A AVG C - No Discharge	19 - ng/L	02/30 - Twice Per Month GR - GRA8
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon INST MAX BP - No Discharge	01/30 - Monthly	VI - VISUAL

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Edit Check Errors

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Comments

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User:

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Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

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