

DMR Copy of Record

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: 009 External Outfall		Discharge: 009-A Surface Runoff to N Fork of Gunnison River					
Report Dates & Status		DMR Due Date: 12/28/22		Status: NetDMR Validated			
Monitoring Period: From 11/01/22 to 11/30/22							
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: PRESIDENT		Telephone: 970-929-5122			
Last Name: LUDLOW							
Form NODI:							
Parameter: Name		Monitoring Location Station # Param. NODI		Quantity or Loading Value 1 Qualifier 1 Value 2 Qualifier 2 Value 3 Qualifier 3		Quality or Concentration Value 1 Qualifier 1 Value 2 Qualifier 2 Value 3 Qualifier 3	
Cells		Units		Units		Units	
00400 pH		1 - Effluent Gross 0 -		>= 6.5 MINIMUM C - No Discharge		<= 9.0 MAXIMUM C - No Discharge	
00530 Solids, total suspended		1 - Effluent Gross 0 -		<= 35.0 30DA AVG C - No Discharge		<= 70.0 MX 7D AV C - No Discharge	
00980 Iron, total recoverable		1 - Effluent Gross 0 -		<= 1000.0 30DA AVG C - No Discharge		<= 6000.0 DAILY MX C - No Discharge	
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross 0 -		Req Mon DAILY MX 03 - MGD C - No Discharge		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 attachments.

Report Last Saved By
 Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2022-12-01 10:20 (Time Zone: -07:00)

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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		DMR Due Date:	11/28/22	Status:	NetDMR Validated
Monitoring Period:	From 10/01/22 to 10/31/22				
Considerations for Form Completion					
TSS & Total Recoverable Iron limits will be waived, and Settleable Solids Lmt applied for <=10yr 24hr precp 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				
Form NOD:					

Code	Parameter Name	Monitoring Location	Session #	Param NOD	Sample Permit Req. Value NOD	Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Freq. Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-									9999 - Continuous	RC - Recorder (auto)
					Req Mon MX WK AV	C - No Discharge								
00094	Conductivity	1 - Effluent Gross	0	-								7B - dS/m	02/30 - Twice Per Month GR - GRAB	
					Req Mon 30DA AVG	C - No Discharge								
00400	pH	1 - Effluent Gross	0	-			>=	6.5 MINIMUM				12 - SU	01/30 - Monthly	GR - GRAB
					Req Mon 30DA AVG	C - No Discharge								
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	-								19 - mg/L	02/30 - Twice Per Month GR - GRAB	
					Req Mon 30DA AVG	C - No Discharge								
00530	Solids, total suspended	1 - Effluent Gross	0	-								19 - mg/L	01/30 - Monthly	GR - GRAB
					Req Mon 30DA AVG	C - No Discharge								
00918	Calcium, total recoverable	1 - Effluent Gross	0	-								19 - mg/L	02/30 - Twice Per Month GR - GRAB	
					Req Mon 30DA AVG	C - No Discharge								
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-								19 - mg/L	02/30 - Twice Per Month GR - GRAB	
					Req Mon 30DA AVG	C - No Discharge								
00923	Sodium, total recoverable	1 - Effluent Gross	0	-								19 - mg/L	02/30 - Twice Per Month GR - GRAB	
					Req Mon 30DA AVG	C - No Discharge								
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-								1U - Ratio	02/30 - Twice Per Month CA - CALCTD	
					Req Mon 30DA AVG	C - No Discharge								
00931	Sodium adsorption ratio	P - See Comments	0	-								1U - Ratio	02/30 - Twice Per Month CA - CALCTD	
					Req Mon 30DA AVG	C - No Discharge								
00940	Chloride [as Cl]	1 - Effluent Gross	0	-								19 - mg/L	02/30 - Twice Per Month GR - GRAB	
					Req Mon 30DA AVG	C - No Discharge								
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-								28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Req Mon 30DA AVG	C - No Discharge								
00980	Iron, total recoverable	1 - Effluent Gross	0	-								28 - ug/L	01/30 - Monthly	GR - GRAB
					Req Mon 30DA AVG	C - No Discharge								

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 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
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	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 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

82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Post-Value HOD	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Post-Value HOD	Req Mon INST MAX C - No Discharge	01/30 - Monthly	VI - VISUAL	

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

GHGSMITHOXBOW

Douglas Smith

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2022-11-01 15:03 (Time Zone: -06:00)

E-Mail:

Date/Time:

Report Last Signed By

GHGSMITHOXBOW

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2022-11-01 15:05 (Time Zone: -06:00)

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