

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0000132	Permittee Address:	Oxbow Mining LLC	Facility Location:	SANBORN CRK & ELK CRK MINES
Major:	No	Discharge:	PO Box 535 Somerset, CO 81434-0535		3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	009 External Outfall		009-A Surface Runoff to N Fork of Gunnison River		
Report Dates & Status		DMR Due Date:	05/28/21	Status:	NetDMR Validated
Monitoring Period:	From 04/01/21 to 04/30/21			Telephone:	970-929-5122
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		
Last Name:	LUDLOW				
No Data Indicator (NODI)					
Form NODI:	--				

No Data Indicator (NODI)																		
Form NODI: --																		
Parameter Name		Monitoring Location		Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis Sample Type						
Code						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					>=	6.5 MINIMUM	C - No Discharge		<=	9.0 MAXIMUM	12 - SU	
00530	Solids, total suspended	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI					<=	35.0 30DA AVG	C - No Discharge		<=	70.0 MX 7D AV	19 - mg/L	
00980	Iron, total recoverable	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI					<=	3000.0 30DA AVG	C - No Discharge		<=	6000.0 DAILY MX	28 - ug/L	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI						Reg 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
Oxbox Mining LLC

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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:	05/28/21	Status:	NetDMR Validated
Monitoring Period:	From 04/01/21 to 04/30/21				
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.					
Principal Executive Officer					
First Name:	MIKE	Title:	PRESIDENT	Telephone:	970-929-5122
Last Name:	LUDLOW				
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
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample					Req Mon MX WK AV	Req Mon DAILY MX	04 - deg C	9999 - Continuous	RC - Recorder (auto)
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00094	Conductivity	1 - Effluent Gross	0	--	Sample					Req Mon 30DA AVG	78 - dS/m	02/30 - Twice Per Month	GR - GRAB	
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00400	pH	1 - Effluent Gross	0	--	Sample					6.5 MINIMUM	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample					Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					30.0 30DA AVG	45.0 MX 7D AV	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample					Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample					Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample					Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample					Req Mon 30DA AVG	Req Mon DAILY MX	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample					Req Mon 30DA AVG	Req Mon DAILY MX	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample					Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample					Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample					3000.0 30DA AVG	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
					Permit Req. Value NODI					C - No Discharge	C - No Discharge			

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01313	Cadmium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	10.0 INST MAX C - No Discharge	19 - mg/L	71777 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - 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	01530 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB

82037	Boron, total	1 - Effluent Gross	0	--	Sample Permit Rec. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB	
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Rec. Value NODI	Req Mon INST MAX BP - NODI=1 C - No Discharge		0130 - Monthly	V - VISUAL

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:

2021-05-03 09:05 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2021-05-03 09:08 (Time Zone: -06:00)