

DMR Copy of Record

Permit

Permit #:	CO00000132	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:	009 External Outfall	Discharge:	009-A Surface Runoff to N Fork of Gunnison River		

Report Dates & Status		DMR Due Date:	05/28/23	Status:	NetDMR Validated
Monitoring Period:	From 04/01/23 to 04/30/23				

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.

Principal Executive Officer		Title:	PRESIDENT
First Name:	MIKE		
Last Name:	LUDLOW	Telephone:	970-925-5122

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location Section & Permit NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
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	-							

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:

Permit	C00000132	Permittee: Oxbow Mining LLC PO Box 536 Somerset, CO 81434-0535	Facility: SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434													
Major:	No	Permittee Address:														
Permitted Feature:	012-A External Outfall	Discharge:	012-A Sediment Pond to Elk Creek													
Report Dates & Status		DMR Due Date:	Status:													
Monitoring Period: <i>Considerations for Form Completion</i> TSS & Total Recoverable Iron limits will be waived, and Settlesable 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.		From 04/01/23 to 04/30/23	05/28/23 NatDMR Validated													
Principal Executive Officer																
First Name:	MIKE	Title:	PRESIDENT													
Last Name:	LUDLOW	Telephone:	970-929-5122													
No Data Indicator (NODI)	-															
Code	Parameter Name	Monitoring Location	Station # Param. NODI	Sample Permit Req Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex. 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	-		>=		6.5 MINIMUM C - No Discharge		<=		9.0 MAXIMUM C - No Discharge	12 - SU	01/20 - Monthly		GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	-									Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-						<=		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 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-									Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	-									Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-									Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	-									Req Mon DAILY MX C - No Discharge	1U - Ratio	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	2B - ug/L	02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-						<=		1000.0 30DA AVG C - No Discharge	2B - ug/L	01/30 - Monthly		GR - GRAB

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value MGD	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 MGD	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 MGD	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 MGD	Req Mon DAILY MX 28 - ug/L 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 MGD	Req Mon DAILY MX 28 - ug/L 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 MGD	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 MGD	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 MGD	Req Mon DAILY MX 28 - ug/L 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 MGD	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 MGD	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 MGD	Req Mon DAILY MX 28 - ug/L 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 MGD	Req Mon DAILY MX 28 - ug/L 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 MGD	Req Mon DAILY MX 28 - ug/L 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 MGD	Req Mon DAILY MX 28 - ug/L 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 MGD	Req Mon DAILY MX 28 - ug/L C - No Discharge	10.0 INST MAX 19 - mg/L C - No Discharge	7/17/7 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value MGD	Req Mon DAILY MX 28 - ug/L C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
50350	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value MGD	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 MGD	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 MGD	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 MGD	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB

		Sample Parent Flag, Value NCOR	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
82067	Boron, total	1 - Effluent Gross 0 --			
84066	Oil and grease visual	1 - Effluent Gross 0 --	Req Mon INST MAX 9P - No QTY=1 C - No Discharge	0120 - 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					
Name:					
Douglas Smith					
E-Mail:					
doug.smith@oxbow.com					
Date/Time:					
2023-05-01 10:04 (Time Zone: -06:00)					
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User:					
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doug.smith@oxbow.com					
Date/Time:					
2023-05-01 10:06 (Time Zone: -06:00)					