

DMR Copy of Record

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:		009 External Outfall		Discharge:		009-A Surface Runoff to N Fork of Gunnison River						
Report Dates & Status		From 01/01/22 to 01/31/22		DMR Due Date:		02/28/22		Status:		NetDMR Validated		
Monitoring Period:		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		MIKE LUDLOW		Title:		PRESIDENT		Telephone:		970-929-5122		
No Data Indicator (NODI)		---										
Code	Parameter Name	Monitoring Location	Season & Permit NODI	Sample Permit Req. Value HQI	Qualifier 1	Quantity or Loading	Qualifier 2	Value 1	Qualifier 3	Value 2	Quantity 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:
GHGSMITHOXBOW

Name:
Douglas Smith

E-Mail:
doug.smith@oxbow.com

Date/Time:
2022-02-01 09:12 (Time Zone: -07:00)

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Permit					
Permit #:	CO0000132	Permittee:	Odow 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 01/01/22 to 01/31/22
DMR Due Date:	02/28/22
Status:	NetDMR Validated

Considerations for Form Completion

TSS & Total Recoverable Iron limits will be waived, and Settleable Solids Limit applied for ≤ 10 yr 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

LUDLOW	
Last Name:	
No Data Indicator (NODI)	

Form NDI:									
	Parameter	Monitoring Location	Season & Period	NODI	Quantity at Loading	Quantity at Concentration	Unit Ex.	Frequency of Analysis	Sample Type
	Parameter	Monitoring Location	Season & Period	NODI	Quantity at Loading	Quantity at Concentration	Unit Ex.	Frequency of Analysis	Sample Type

00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	Sample Permit Req. Value NODR					Req Mon MX WK AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	04 - deg C	99/99 - Continuous	RC - Recorder (auto)
00094	Conductivity	1 - Effluent Gross	0	-	Sample Permit Req. Value NODR					Req Mon 30DA AVG C - No Discharge	7B - dS/m	02/30 - Twice Per Month GR - GRAB		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODR					>= 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	-	Sample Permit Req. Value NODR					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODR					<= 30.0 30DA 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	-	Sample Permit Req. Value NODR					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODR					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODR					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	Sample Permit Req. Value NODR					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month CA - CALCTD	
00931	Sodium adsorption ratio	P - See Comments	0	-	Sample Permit Req. Value NODR					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month CA - CALCTD	
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODR					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	-	Sample Permit Req. Value NODR					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	-	Sample Permit Req. Value NODR					<= 3000.0 30DA 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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	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 HQD	10.0 INST MAX C - No Discharge	19 - mg/L	7/1/17 - Contingent GR - GRAB
04282	Chromium, trivalent total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value HQD	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 HQD	Req Mon DAILY MX C - No Discharge	03 - MGD	01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	-		Sample Permit Req. Value HQD	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 HQD	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 HQD	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 NOOI	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 Req. Value NOOI	Req Mon INST MAX SP - NoDY=1 C - No Discharge	0150 - Monthly	VI - VISUAL

Submission Note

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Edit Check Errors

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Comments

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