

[illegible]

Report Dates & Status	QMR Due Date:	Status:
Monitoring Period: From 11/01/21 to 11/30/21	12/29/21	NotDMR Validated

Considerations for Form Completion

TSS & Total Recoverable Iron Limits will be waived, and settleable solids limit applied for $\leq 10 \text{ YR}$, 24hr precip event. 30 day avg is highest monthly avg during period reported.

<i>Principal Executive Officer</i>	
First Name:	MIKE
Title:	PRESIDENT
Telephone:	970-929-5122

LUDLOW	
Last Name:	LUDLOW
No Data Indicator (NODI)	

Form NDI:	Monitoring Location	Sampling Period	Quantity or Loading	Quality or Concentration	Ref. Frequency of Analysis	Sample Type
	Drainage	-				

Code	Name	1 - Effluent Gross	0 -	Sample Permit Req. Value NOD	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	01/30 - Monthly	GR - GRAB
00400	pH	0	-			>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
							C - No Discharge				C - No Discharge			
00530	Solids, total suspended	0	-							<=	35.0 30DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
							C - No Discharge				C - No Discharge			
00580	Iron, total recoverable	0	-							<=	3000.0 30DA AVG	28 - ug/L	01/30 - Monthly	GR - GRAB
							C - No Discharge				C - No Discharge			
50050	Flow, in conduit or thru treatment plant	0	-										01/30 - Monthly	IN - INSTANT
							0.038 30DA AVG							
							C - No Discharge							
							Req Mon DAILY MX	03 - MGD						
							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.

Report Last Saved By
Oxlow Mining LLC

User:	GHGSMT-HOBOW
Name:	Douglas Smith

E-Mail: doug.smith@oxbow.com
Date/Time: 2021-12-01 09:02 (Time Zone: -07:00)

Report Last Signed By: CHGSMITHBOXBOW

Name: Douglas Smith
E-Mail: doug.smith@oxbow.com

Date/Time: 2021-12-01 09:02 (Time Zone: -07:00)

DMR Copy of Record

Permit

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

Monitoring Period:	From 11/01/21 to 11/30/21	DMR Due Date:	12/28/21	Status:	NetDMR Validated
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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				

Form NOD:

Criteria	Permitter Name	Monitoring Location	Season	Param. NOD	Sample Permit Req. Value NOD	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Ref. Freq. of Analysis	Sample Type
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00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									Req Mon DAILY MX C - No Discharge	04 - deg C	9999 - Continuous	RC - Recorder (auto)
00094	Conductivity	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									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 NOD		>=	6.5 MINIMUM	C - No Discharge					Req Mon DAILY MX C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB
00440	Bicarbonate Ion - [as HCO3]	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	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									Req Mon DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									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 NOD									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 NOD									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 NOD									Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month CA - CALC7D	
00931	Sodium adsorption ratio	P - See Comments	0	-	Sample Permit Req. Value NOD									Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month CA - CALC7D	
00940	Chloride [as Cl]	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	
00978	Arsenic, 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	
00980	Iron, 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	

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 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 NOD	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 NOD	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 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 30DA AVG 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	Req Mon DAILY MX C - No Discharge	10.0 INST MAX C - No Discharge	7/17/7 - 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 C - No Discharge	03 - IGD 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 Req. Value NOD	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRA5
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	Req Mon INST MAX 9p - N=0(Y=1) C - No Discharge	01/30 - Monthly	VI - 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:
Name: GHGSMITHOXBOW
E-Mail: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2021-12-01 09:01 (Time Zone: -07:00)

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