

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: 09/28/20	Status: NetDMR Validated
Monitoring Period: From 08/01/20 to 08/31/20		

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

First Name: MIKE	Title: PRESIDENT
Last Name: LUDLOW	
No Data Indicator (NODI)	
Form NODI: --	Telephone: 970-929-5122

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	Qualifier 1	Value 1		Qualifier 2
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
					Sample Permit Req. Value NODI							
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
					Sample Permit Req. Value NODI							
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
					Sample Permit Req. Value NODI							
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
					Sample Permit Req. Value NODI							

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: 2020-09-02 15:06 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2020-09-02 15:17 (Time Zone: -06:00)

DMR Copy of Record

Permit	Permittee:	Facility:
Permit #: CO0000132	Oxbow Mining LLC	SANBORN CRK & ELK CRK MINES
Major: No	PO Box 535 Somerset, CO 81434-0535	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	Discharge:	
012 External Outfall	012-A Sediment Pond to Elk Creek	
Report Dates & Status	DMR Due Date:	Status:
Monitoring Period: From 08/01/20 to 08/31/20	09/28/20	NetDMR Validated
<i>Considerations for Form Completion</i>		
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.		
<i>Principal Executive Officer</i>		
First Name:	Title:	Telephone:
MIKE	PRESIDENT	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
					Value 1	Qualifier 1	Units	Value 1	Qualifier 1	Value 2	Value 3	Units	
00094	Conductivity	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		78 - dSm		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					
00400	pH	1 - Effluent Gross	0	--	Sample	Permit Req.		6.5 MINIMUM		12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI			C - No Discharge					
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req.		30.0 30DA AVG		19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI			C - No Discharge					
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample	Permit Req.		Req Mon DAILY MX		1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI			C - No Discharge					
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample	Permit Req.		Req Mon DAILY MX		1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI			C - No Discharge					
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		3000.0 30DA AVG		28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI			C - No Discharge					

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01074	Nickel, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01113	Cadmium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01114	Lead, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01118	Chromium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01306	Copper, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01313	Cadmium, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01318	Lead, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
03592	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	10.0 INST MAX C - No Discharge	19 - mg/L	7/1/77 - Contingent GR - GRA8
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
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	01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRA8
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRA8
81020	Sulfate	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRA8
82057	Boron, total	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRA8

84066	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Rec- Value NODI	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: Douglas Smith								
E-Mail: doug.smith@oxbow.com								
Date/Time: 2020-09-02 14:59 (Time Zone: -06:00)								
Report Last Signed By								
User:								
Name: Douglas Smith								
E-Mail: doug.smith@oxbow.com								
Date/Time: 2020-09-02 15:17 (Time Zone: -06:00)								