

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	Monitoring Period: From 05/01/20 to 05/31/20	DMR Due Date: 06/28/20	Status: NetDMR Validated
Considerations for Form Completion			
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	Telephone: 970-929-5122	
Last Name: LUDLOW			
No Data Indicator (NODI)	--		
Form NODI:	--		

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1		Quantity or Loading		Quality or Concentration		Value 2		Qualifier 3		Value 3		Units		# of Ex. Frequency of Analysis	Sample Type
					Sample Permit Req.	Value NODI	Sample Permit Req.	Value NODI	Sample Permit Req.	Value NODI	Sample Permit Req.	Value NODI	Sample Permit Req.	Value NODI	Sample Permit Req.	Value NODI	Sample Permit Req.	Value NODI		
00400	pH	1 - Effluent Gross	0	--															12 - SU	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--															19 - mg/L	GR - GRAB
00590	Iron, total recoverable	1 - Effluent Gross	0	--															28 - ug/L	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--															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
Oxbow Mining LLC

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2020-06-01 13:28 (Time Zone: -06:00)

Report Last Signed By

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Permit

Report Dates & Status

Monitoring Period: From 05/01/20 to 05/31/20
DMR Due Date: 06/28/20

Considerations for Form Completion

TSS & Total Recoverable Iron limits will be waived and Settleable Solids limit applied for $\leq 100,000$ mgd, except 20,000 mgd or less.

Principal Executive Officer

[illegible]

First Name: MIKE
Title: PRESIDENT
Telephone: 970-929-5122

Last Name: LUBLOW

No Data Indicator (NODI)

Form NDI:

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	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Value 3	
00094	Conductivity	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		7B - dS/m	02/20 - Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			>=	6.5 MINIMUM C - No Discharge			12 - SJ	01/20 - Monthly	GR - GRAB
00440	Bicarbonate Ion, [as HCO3]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/20 - Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	30.0 30DA AVG C - No Discharge			45.0 MX 7D AV	01/20 - Monthly	GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/20 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/20 - Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/20 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		1U - Ratio	02/20 - Twice Per Month	CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		1U - Ratio	02/20 - Twice Per Month	CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/20 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/20 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	3000.0 30DA AVG C - No Discharge			28 - ug/L	02/20 - Twice Per Month	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/20 - Twice Per Month	GR - GRAB

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	-	Sample Permit Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	Req Mon DAILY MX C - No Discharge	10.0 INST MAX 19 - mg/L C - No Discharge	7/1/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	-	Sample Permit Rec. Value NODI	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 Rec. Value NODI	Req Mon DAILY MX C - No Discharge	0.004 30DA AVG C - No Discharge	01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	-	Sample Permit Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	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 Rec. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB

84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Rec. Value NODI	Req Mon INST MAX 9P - NeQ,Y=1	C - No Discharge	01/20 - Monthly	VI - VISUAL
Submission Note									
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