

DMR Copy of Record

Permit	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerse, 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:	04/28/20	Status:	NetDMR Validated
Monitoring Period:	From 03/01/20 to 03/31/20				

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

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

parameter	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								
00980 Iron, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								
50950 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	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: 2020-04-01 08:07 (Time Zone: -06:00)

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Major:	No	Permittee Address:	PO Box 535 Someraset, 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 03/01/20 to 03/31/20	DMR Due Date:	04/28/20	Status:	NetDMR Validated
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				
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
					Qualifier 1		Units	Qualifier 2		Value 2	Qualifier 3		Value 3	
					Value 1	Qualifier 1		Value 1	Qualifier 2		Value 1	Qualifier 3		
00394	Conductivity	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge		78 - dS/m	02/30 - Twice Per Month	GR - GRAB		
00400	pH	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	6.5 MINIMUM C - No Discharge	>=	12 - SU	01/30 - Monthly	GR - GRAB		
					Sample	Permit Req. Value NODI	Sample	Permit Req. Value NODI	9.0 MAXIMUM C - No Discharge					
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 19 - mg/L C - No Discharge	02/30 - Twice Per Month	GR - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	30.0 30DA AVG C - No Discharge	<=	45.0 MX 7D AV 19 - mg/L C - No Discharge	01/30 - Monthly	GR - GRAB		
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 19 - mg/L C - No Discharge	02/30 - Twice Per Month	GR - GRAB		
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 19 - mg/L C - No Discharge	02/30 - Twice Per Month	GR - GRAB		
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 19 - mg/L C - No Discharge	02/30 - Twice Per Month	GR - GRAB		
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 1U - Ratio C - No Discharge	02/30 - Twice Per Month	CA - CALCTD		
00931	Sodium adsorption ratio	P - See Comments	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 1U - Ratio C - No Discharge	02/30 - Twice Per Month	CA - CALCTD		
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Permit Req. Value NODI	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 NODI	Permit Req. Value NODI	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 NODI	Permit Req. Value NODI	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 NODI	Permit Req. Value NODI	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 NODI	Permit Req. 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 Req. Value NODI	Permit Req. 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 Req. Value NODI	Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge			02/30 - Twice Per Month	GR - GRAB		

01114 Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01118 Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01303 Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01306 Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01313 Cadmium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01314 Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01318 Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01319 Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01322 Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
01323 Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
03582 Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
04262 Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month GR - GRAB
50550 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon DAILY MX 03 - MGD C - No Discharge	0130 - Monthly IN - INSTAN
50586 Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
51202 Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
81020 Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
82357 Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month GR - GRAB
84586 Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req Mon INST MAX 9P - N=0 Y=1 C - No Discharge	0130 - Monthly VI - VISUAL

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

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Oxbow Mining LLC

User:

GHGSMITH@OXBOW

Douglas Smith

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Date/Time: 2020-04-01 08:07 (Time Zone: -06:00)

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User: GHGSMITHOXBOW
Name: Douglas Smith
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