

DMR Copy of Record

Permit
 Permit #: CO0000132
 Major: No
 Permitted Feature: 009 External Outfall
 Report Dates & Status: From 07/01/21 to 07/31/21
 Monitoring Period: 08/28/21
 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:

Permittee: Oxbow Mining LLC
 Permittee Address: PO Box 535
 Somerset, CO 81434-0535
 Discharge: 009-A
 Surface Runoff to N Fork of Gunnison River

Facility: SANBORN CRK & ELK CRK MINES
 Facility Location: 3737 HIGHWAY 133
 SOMERSET, CO 81434

Status: NetDMR Validated
 Telephone: 970-925-5122

Title: PRESIDENT
 First Name: MIKE
 Last Name: LUDLOW

Form NODI: --

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Frequency of Analysis	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3
00400	pH	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI	>=	6.5 MINIMUM	C - No Discharge	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI	<=	35.0 30DA AVG	C - No Discharge	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI	<=	3000.0 30DA AVG	C - No Discharge	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI	<=	0.039 30DA AVG	C - No Discharge	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: GHGSMITHXBOW
 Name: Douglas Smith
 E-Mail: doug.smith@oxbow.com

Date/Time: 2021-08-02 09:29 (Time Zone: -06:00)

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Permit

Permit #: CO0000132
Major: No

Permitted Feature: 012 External Outfall

Report Dates & Status

Monitoring Period: From 07/01/21 to 07/31/21

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
Last Name: LUDLOW

Form NODI:

No Data Indicator (NODI)

Permittee: Oxbow Mining LLC
Permittee Address: PO Box 535
Someset, CO 81434-0535
Discharge: 012-A
Sediment Pond to Elk Creek

Facility: SANBORN CRK & ELK CRK MINES
Facility Location: 3737 HIGHWAY 133
SOMERSET, CO 81434

Status: NetDMR Validated

DMR Due Date: 08/28/21

Title: PRESIDENT
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	Qualifier 1	Value 1	Qualifier 2	Qualifier 3	Value 3	Units	
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon MX WK AV C - No Discharge	Req Mon DAILY MX 04 - deg C	5999 - Continuous	RC - Recorder (auto)			
00094	Conductivity	1 - Effluent Gross	0	--	Sample 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	>=	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 NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 19 - mg/L	02/30 - 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 19 - mg/L	01/30 - Monthly	GR - GRAB			
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 19 - mg/L	02/30 - 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	Req Mon DAILY MX 19 - mg/L	02/30 - 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	Req Mon DAILY MX 19 - mg/L	02/30 - 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	Req Mon DAILY MX 1U - Ratio	02/30 - 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	Req Mon DAILY MX 1U - Ratio	02/30 - 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	02/30 - 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	02/30 - 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	02/30 - 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	02/30 - Twice Per Month GR - GRAB
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 - GRAB
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 - GRAB
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 - GRAB
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 - GRAB
01118	Chromium, 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 - GRAB
01303	Zinc, 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 - GRAB
01306	Copper, 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 - GRAB
01313	Cadmium, 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 - GRAB
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 - GRAB
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 - GRAB
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 - GRAB
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 - GRAB
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 - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	10.0 INST MAX C - No Discharge	19 - mg/L	7/7/77 - Contingent GR - GRAB
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 - GRAB
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 C - No Discharge	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 - GRAB
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 - GRAB
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 - GRAB

82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 300A AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
84056	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon INST MAX 9P - N=0,Y=1 C - No Discharge	01/30 - Monthly	VI - VISUAL

Submission Note

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Edit Check Errors

No errors.

Comments

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No attachments.

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