

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:	009 External Outfall	Discharge:	009-A Surface Runoff to N Fork of Gunnison River		

Report Dates & Status

Monitoring Period:	From 08/01/21 to 08/31/21	DMR Due Date:	09/28/21	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.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading					Quality or Concentration					# of Ex	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Qualifier 2	Value 2	Qualifier 3				Value 3
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
												C - No Discharge				C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	35.0 30DA AVG		<=	70.0 MX 7D AV	19 - mg/L	01/30 - Monthly	GR - GRAB
													C - No Discharge			C - No Discharge			
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	3000.0 30DA AVG		<=	6000.0 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
													C - No Discharge			C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.039 30DA AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	IN - INSTAN
									C - No Discharge										
									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.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2021-09-01 09:48 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2021-09-01 09:50 (Time Zone: -06:00)

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01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODr		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 NODr		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 NODr		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 NODr		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 NODr		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 NODr		Req Mon 30DA AVG C - No Discharge	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 NODr		Req Mon 30DA AVG C - No Discharge	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 NODr		Req Mon 30DA AVG C - No Discharge	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 NODr		Req Mon 30DA AVG C - No Discharge	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 NODr		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 NODr		Req Mon 30DA AVG C - No Discharge	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 NODr		Req Mon 30DA AVG C - No Discharge	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 NODr		Req Mon 30DA AVG C - No Discharge	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 NODr		Req Mon 30DA AVG C - No Discharge	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 Req. Value NODr		<=	10.0 INST MAX C - No Discharge	19 - mg/L 77/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODr			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 NODr	<= 0.004 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge		01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODr		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 NODr		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 NODr		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 Rule Value NODr		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 Rule Value NODr	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: GHGSMITHOXBOW
 Name: Douglas Smith
 E-Mail: doug.smith@oxbow.com
 Date/Time: 2021-09-01 09:47 (Time Zone: -05:00)

Report Last Signed By

User: GHGSMITHOXBOW
 Name: Douglas Smith
 E-Mail: doug.smith@oxbow.com
 Date/Time: 2021-09-01 09:50 (Time Zone: -06:00)