

DMR Copy of Record

Permit		Permit #: CO0000132		Permittee: Oxbow Mining LLC		Facility: SANBORN CRK & ELK CRK MINES						
Major:		No		PO Box 535 SomerSet, CO 81434-0535		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				Status: NetDMR Validated								
Monitoring Period:		From 04/01/22 to 04/30/22		DMR Due Date: 05/28/22								
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						
Last Name:		LUDLOW		Telephone:		970-929-5122						
No Data Indicator (NODI)												
Form NODI:		--										
Code	Parameter Name	Monitoring Location	Season & Param NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	REC Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0 -	>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
				C - No Discharge								
00530	Solids, total suspended	1 - Effluent Gross	0 -					<=	35.0 30DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
				C - No Discharge								
00980	Iron, total recoverable	1 - Effluent Gross	0 -					<=	3000.0 30DA AVG	28 - ug/L	01/30 - Monthly	GR - GRAB
				C - No Discharge								
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0 -						0.039 30DA AVG	03 - MGD	01/30 - Monthly	IN - INSTAN
				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: 2022-05-02 10:34 (Time Zone: -06:00)

Report Last Signed By

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Name: Douglas Smith
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Date/Time: 2022-05-02 10:34 (Time Zone: -06:00)

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Permit #: CO0000132 Major: No		Permittee: Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535		Facility: SANBORN CRYK & ELK CRK MINES 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 04/01/22 to 04/30/22 Considerations for Form Completion: TSS & Total Recoverable Iron limits will be waived, and Settlesable 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.		DMR Due Date: 05/28/22		Status: NetDMR Validated	
Principal Executive Officer: First Name: MIKE Last Name: LUDLOW		Title: PRESIDENT		Telephone: 970-925-5122	
Form NODI: --					

Code	Parameter Name	Monitoring Location	Season #	Permit NODI	Sample		Quantity of Loading		Quality or Concentration		# of Ex. Frequency of Analysis	Sample Type
					Permit Req. Value NODI	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2		
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon MX WK AV	04 - deg C	9999 - Continuous	RC - Recorder (auto)
					Sample Permit Req. Value NODI				C - No Discharge			
00094	Conductivity	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	78 - dS/m	02/30 - Twice Per Month	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				30.0 30DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
					Sample Permit Req. Value NODI				C - No Discharge			
00931	Sodium adsorption ratio	P - See Comments	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
					Sample Permit Req. Value NODI				C - No Discharge			
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				3000.0 30DA AVG	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Sample Permit Req. Value NODI				C - No Discharge			

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-		Sample Permit Req. Value NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	10.0 NST 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 NOD	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 NOD	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 NOD	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 NOD	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 NOD	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB

