

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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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:	012 External Outfall	Discharge:	012-X Chronic WET Testing for 012A	Status:	NotDMR Validated				
Report Dates & Status		DMR Due Date:	07/28/24						
Monitoring Period:	From 04/01/24 to 06/30/24								
Considerations for Form Completion									
See ID.1 for details of test procedure. Rpt NOEC using test code "S". Rpt IC25 using test code "P". Rpt IC25 using test code "P" and "S" at "T" for each parameter. IWC=100%									
Principal Executive Officer									
First Name:	MIKE	Title:	PRESIDENT	Telephone:	970-929-5122				
Last Name:	LUDLOW								
No Data Indicator (NODI)									
Form NODI:									
Client:	Permittee Name	Monitoring Location	Session #	Permit NODI	Sample Permit Req Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 3 Value 3 Units	Quality or Concentration Qualifier 2 Value 2 Qualifier 3 Value 3 Units	Frequency of Analysis	Sample Type
TKP3B	Static Renewal 7 Day Chronic Ceriodaphnia dubia	P - See Comments	0	-		Req Mon SINGSAMP C - No Discharge	2G - tox chronic	01/90 - Quarterly	G3 - GRA3-3
TKP3B	Static Renewal 7 Day Chronic Ceriodaphnia dubia	S - See Comments	0	-		Req Mon MN VALUE C - No Discharge	2G - tox chronic	01/90 - Quarterly	G3 - GRA3-3
TKP3B	Static Renewal 7 Day Chronic Ceriodaphnia dubia	T - See Comments	0	-		Req Mon MN VALUE C - No Discharge	2G - tox chronic	01/90 - Quarterly	G3 - GRA3-3
TKP6C	Static Renewal 7 Day Chronic Pinephales promelas	P - See Comments	0	-		Req Mon SINGSAMP C - No Discharge	2G - tox chronic	01/90 - Quarterly	G3 - GRA3-3
TKP6C	Static Renewal 7 Day Chronic Pinephales promelas	S - See Comments	0	-		Req Mon MN VALUE C - No Discharge	2G - tox chronic	01/90 - Quarterly	G3 - GRA3-3
TKP6C	Static Renewal 7 Day Chronic Pinephales promelas	T - See Comments	0	-		Req Mon MN VALUE C - No Discharge	2G - tox chronic	01/90 - Quarterly	G3 - GRA3-3

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: 2024-07-08 08:52 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2024-07-08 08:55 (Time Zone: -06:00)

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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:	012 External Outfall	Discharge:	012-Q Quarterly Monitoring for 012A		
Report Dates & Status		DMR Due Date:	07/28/24	Status:	NetDMR Validated
Monitoring Period:	From 04/01/24 to 06/30/24				
Considerations for Form Completion					
Quarterly monitoring - see Appendix B, #34, pg 17.					
Principal Executive Officer		Title:	PRESIDENT	Telephone:	970-929-5122
First Name:	MIKE				
Last Name:	LUDLOW				
No Data Indicator (NODI)					
Form NODI:					
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample
70295	Solids, total dissolved	1 - Effluent Gross	0	-	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:

2024-07-08 08:52 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2024-07-08 08:55 (Time Zone: -06:00)

GR - GRAB

01/60 - Quarterly

19 - mg/L

Req Mon DAILY MX

Req Mon 30DA AVG

C - No Discharge

C - No Discharge

Value NODI

0

1 - Effluent Gross

Solids, total dissolved

70295

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Permit #: CO0000132 Major: No		Permittee: Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535		Facility: Facility Location: SANBORN CRK & 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 06/01/24 to 06/30/24		DMR Due Date: 07/28/24		Status: NetDMR Validated												
Considerations for Form Completion TSS & Total Recoverable Iron limits will be waived, and Settling 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		Title: PRESIDENT		Telephone: 970-929-5122												
No Data Indicator (NODI) Form NODI:																
Code	Parameter Name	Monitoring Location	Season of Peak	Sample Permit Req. Value NODI	Quantity for Labeling	Quality of Concentration	Units	Qualifier 1	Qualifier 2	Qualifier 3	Value 1	Value 2	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon MX WK AV	Req Mon DAILY MX	04 - deg C	C - No Discharge					9999 - Continuous	RC - Recorder (auto)	
00094	Conductivity	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	7B - dS/m	C - No Discharge					0230 - Twice Per Month GR - GRAB		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	12 - SU	C - No Discharge					0150 - Monthly	GR - GRAB	
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	C - No Discharge					0230 - Twice Per Month GR - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	C - No Discharge					0100 - Monthly	GR - GRAB	
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	C - No Discharge					0230 - Twice Per Month GR - GRAB		
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	C - No Discharge					0230 - Twice Per Month GR - GRAB		
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L	C - No Discharge					0230 - Twice Per Month GR - GRAB		
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	1U - Ratio	C - No Discharge					0230 - Twice Per Month CA - CALCTD		
00931	Sodium adsorption ratio	P - See Comments	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG	Req Mon DAILY MX	1U - Ratio	C - No Discharge					0230 - Twice Per Month CA - CALCTD		

[illegible]

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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:								
Report Dates & Status		Monitoring Period:		DMR Due Date:		07/28/24		Status:		NetDMR Validated		
Considerations for Form Completion		Quarterly monitoring - see Appendix B, #34, pg 17.		Principal Executive Officer		First Name:		Last Name:		Telephone:		
No Data Indicator (NODI)		MIKE		LUDLOW		Title:		PRESIDENT		970-929-5122		
Form NODI:												
Conc	Parameter Name	Monitoring Location	Screen #	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Quality or Concentration Value 1 Qualifier 1 Value 2 Qualifier 2	Value 3	Units	# of EA	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge			19 - mg/L		01/90 - Quarterly	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		01/90 - Quarterly	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		01/90 - Quarterly	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		01/90 - Quarterly	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		01/90 - Quarterly	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		01/90 - Quarterly	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		01/90 - Quarterly	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		01/90 - Quarterly	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		01/90 - Quarterly	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		01/90 - Quarterly	GR - GRAB

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Permit #:
Major:
Permitted Feature:
Report Dates & Status
Monitoring Period:
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:
Last Name:
No Data Indicator (NOD)
Form NOD:

CO0000132
No
009 External Outfall
From 06/01/24 to 06/30/24
Monitoring Location: Season 2
Mike LUDLOW
MIKE LUDLOW
--

Sanborn Crk & Elk Crk Mines
3737 Highway 133
SOMERSET, CO 81434
009-A
Surface Runoff to N Fork of Gunnison River
07/28/24
DNR Due Date:
President
Title:
970-929-5122
Telephone:

Facility:
Facility Location:
Status:
NetDMR Validated

Parameter Name	Monitoring Location	Season	Sample Permit Req.	Value NOD	Quantity and Loading	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. <=	>=	6.5 MINIMUM C - No Discharge	<=	9.0 MAXIMUM C - No Discharge	12 - SU	<=	9.0 MAXIMUM C - No Discharge	10 - mg/L	01/30 - Monthly	GR - GRAB	
00530 Solids, total suspended	1 - Effluent Gross	0	-	-	Sample Permit Req. <=	<=	35.0 30DA AVG C - No Discharge	<=	70.0 MX 7D AV C - No Discharge	10 - mg/L	<=	70.0 MX 7D AV C - No Discharge	10 - mg/L	01/30 - Monthly	GR - GRAB	
00980 Iron, total recoverable	1 - Effluent Gross	0	-	-	Sample Permit Req. <=	<=	1000.0 30DA AVG C - No Discharge	<=	6000.0 DAILY MX C - No Discharge	28 - ug/L	<=	6000.0 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB	
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	Sample Permit Req. <=	Req Mon DAILY MX 03 - MGD C - No Discharge	0.039 30DA AVG C - No Discharge	<=	C - No Discharge	03 - MGD	<=	C - No Discharge		01/30 - Monthly	IN - INSTAN	

Submission Note
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Edit Check Errors
No errors.
Comments

Attachments
No attachments.
Report Last Saved By
Oxbow Mining LLC
User:
Name:
E-Mail:
Date/Time:
Report Last Signed By
User:

GHGSMITHXBOW
Douglas Smith
doug.smith@oxbow.com
2024-07-08 08:54 (Time Zone: -6:00)
GHGSMITHXBOW

Name:
E-Mail:
Date/Time:

Douglas Smith
doug.smith@oxbow.com
2024-07-08 08:55 (Time Zone: -06:00)