

DMR Copy of Record

Permit
 Permit #: CO0000132
 Major: No
 Permitted Feature: 012- External Outfall
 Permittee: Oxbow Mining LLC
 Permittee Address: PO Box 535
 Somerset, CO 81434-0535
 Discharge: 012-A
 Sediment Pond to Elk Creek

Facility:
 Facility Location:

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

Report Dates & Status
 Monitoring Period: From 04/01/20 to 04/30/20
 Status: NetDMR Validated
 DMR Due Date: 05/28/20

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. 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	# Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3
00094	Conductivity	1 - Effluent Gross	0	--						
00400	pH	1 - Effluent Gross	0	--						
00440	Bicarbonate ion [as HCO3]	1 - Effluent Gross	0	--						
00530	Solids, total suspended	1 - Effluent Gross	0	--						
00918	Calcium, total recoverable	1 - Effluent Gross	0	--						
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--						
00923	Sodium, total recoverable	1 - Effluent Gross	0	--						
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--						
00931	Sodium adsorption ratio	P - See Comments	0	--						
00940	Chloride [as Cl]	1 - Effluent Gross	0	--						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--						
00980	Iron, total recoverable	1 - Effluent Gross	0	--						
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--						
01074	Nickel, total recoverable	1 - Effluent Gross	0	--						
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--						

01114 Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01118 Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01302 Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01306 Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01313 Cadmium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01314 Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01319 Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01319 Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01322 Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01323 Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
03562 Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
04262 Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
50550 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
50286 Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
51202 Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
81020 Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
82057 Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB

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.

Edr Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

Name:

E-Mail: doug.smith@oxbow.com

Date/Time:

Report Last Signed By 2020-05-04 09:21 (Time Zone: -06:00)

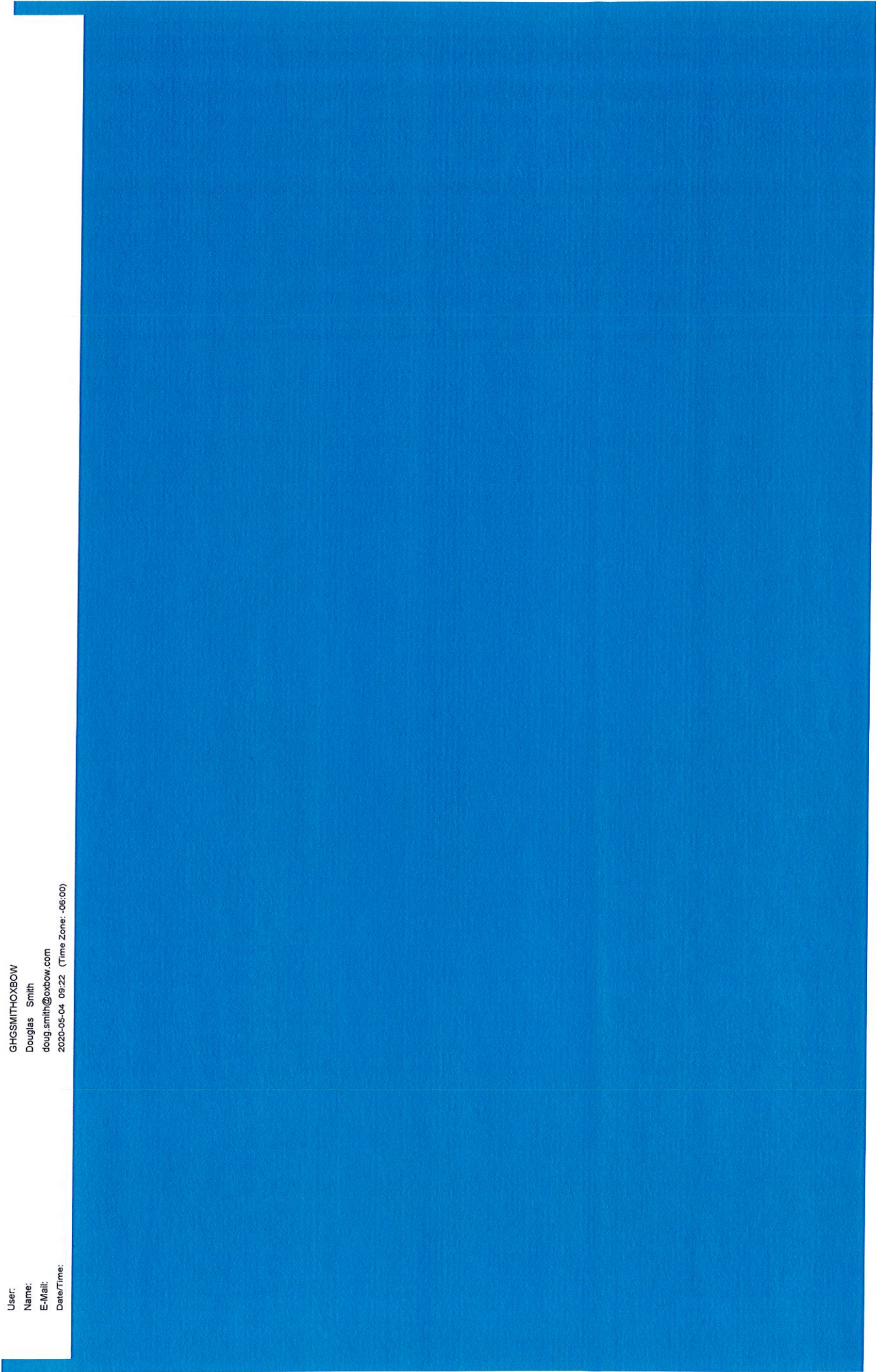
GHGSMITH-OSBOW

Douglas Smith

doug.smith@oxbow.com

2020-05-04 09:21 (Time Zone: -06:00)

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2020-05-04 09:22 (Time Zone: -06:00)



DMR Copy of Record

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 04/01/20 to 04/30/20	DMR Due Date:	05/28/20	Status:	NetDMR Validated

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:	MIKE	Title:	PRESIDENT
Last Name:	LUDLOW		
No Data Indicator (NODI)			
Form NODI:	--		
		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	Value 2	Qualifier 3	Value 3	
00400 pH	1 - Effluent Gross	0	--		Sample						
					Permit Req.						
					Value NODI						
00530 Solids, total suspended	1 - Effluent Gross	0	--		Sample						
					Permit Req.						
					Value NODI						
00590 Iron, total recoverable	1 - Effluent Gross	0	--		Sample						
					Permit Req.						
					Value NODI						
50050 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: 2020-05-04 09:22 (Time Zone: -06:00)

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2020-05-04 09:22 (Time Zone: -06:00)