



STATE OF
COLORADO

Simmons - DNR, Leigh <leigh.simmons@state.co.us>

NetDMR COR Submission for: CO0000132

Doug Smith <Doug.Smith@oxbow.com>

Mon, Dec 3, 2018 at 1:26 PM

To: "leigh.simmons@state.co.us" <leigh.simmons@state.co.us>

Cc: Mike Ludlow <Mike.Ludlow@oxbow.com>

Leigh,

Please find, for your records, the attached copy of the Sanborn & Elk Creek Mine Discharge Monitoring Reports that were submitted for the month of November 2018. (There was no discharge) Oxbow has submitted these to the CDPHE electronically. No hard copy will follow, but copies will be made and kept with the Elk Creek Mine Records.

Per your request, all DMR's have been scanned and are attached.

Any questions or concerns, please contact me.

Doug Smith

(970)929-6034



20181201 November DMR's to CDRMS.pdf
4031K

DMR Copy of Record

Permit
 Permit #: **CO0000132**
 Major: **No**
 Permitted Feature: **007 External Outfall**
 Facility: **SANBORN CRK & ELK CRK MINES**
 Facility Location: **3737 HIGHWAY 133 SOMERSET, CO 81434**

Permittee: **Oxbow Mining LLC**
Permittee Address: **PO Box 535 Somerset, CO 81434-0535**
Discharge: **007-A SEDIMENT POND TO HUBBARD CREEK**

Report Dates & Status
 Monitoring Period: **From 11/01/18 to 11/30/18**
 DMR Due Date: **12/28/18**
 Status: **NeDMR Validated**

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR.24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P. 5 FOR RQIMTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRD.

Principal Executive Officer

First Name: **Mike**
Last Name: **Ludlow**
Title: **President**
Telephone: **970-929-5122**

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI															
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI															
00545 Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI															
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI															
03582 Oil and grease	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															
84560 Oil and grease visual	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: **GHGSMITHOBOW**
Name: **Douglas Smith**
E-Mail: **doug.smith@oxbow.com**
Date/Time: **2018-12-03 09:41 (Time Zone: -07:00)**

Report Last Signed By

User: **GHGSMITHOBOW**
Name: **Douglas Smith**
E-Mail: **doug.smith@oxbow.com**
Date/Time: **2018-12-03 09:47 (Time Zone: -07:00)**

DMR Copy of Record

Permit
 Permit #: CO0000132
 Major: No
 Permitted Feature: 009 External Outfall
 Report Dates & Status: From 11/01/18 to 11/30/18
 Monitoring Period: 12/28/18
 Status: NetDMR Validated
 Facility: SANBORN CRK & ELK CRK MINES
 Facility Location: 3737 HIGHWAY 133
 SOMERSET, CO 81434
 Discharge: 009-A
 SURF RUNOFF TO N FK GUNIS RVR

Monitoring Period: 12/28/18
Considerations for Form Completion
 TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR,24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT-SEE I.A.1,PP 4-5, AND I.A.2, P. 5 FOR RQMTS.TDS
 MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

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	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	>=	6.5 MINIMUM	C - No Discharge	<=	9 MAXIMUM	C - No Discharge	12 - SU	01/30 - Monthly	IS - INSITU						
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	35 30DA AVG	C - No Discharge	<=	70 DAILY MX	C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB						
00545 Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	C - No Discharge		Req Mon DAILY MX 25 - mL/L	C - No Discharge		01/30 - Monthly	GR - GRAB						
01045 Iron, total (as Fe)	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	3500 30DA AVG	C - No Discharge	<=	7000 DAILY MX	C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB						
03582 Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon INST MAX 99 - N=OY=1	C - No Discharge		10 INST MAX	C - No Discharge	19 - mg/L	7/7/7 - Contingent	GR - GRAB						
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	C - No Discharge		Req Mon DAILY MX 03 - MGD	C - No Discharge		01/30 - Monthly	IN - INSTAN						
84060 Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								01/30 - Monthly	VI - VISUAL						

Submission Note

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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: 2018-12-03 09:42 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW
 Name: Douglas Smith
 E-Mail: doug.smith@oxbow.com
 Date/Time: 2018-12-03 09:47 (Time Zone: -07:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 SomerSet, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	010 External Outfall	Discharge:	010-A SEDIMENT POND TO SANBORN CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 11/01/18 to 11/30/18	12/28/18	Not DMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR <=10YR.24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1,PP 4-5, AND I.A.2, P. 5 FOR RQMN.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-929-5122

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		Units		# of Ex. Frequency of Analysis Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Sample Type
00400 pH		1 - Effluent Gross	0	-								
		Sample										
		Permit Req.										
		Value NODI										
00530 Solids, total suspended		1 - Effluent Gross	0	-								
		Sample										
		Permit Req.										
		Value NODI										
00545 Solids, settleable		1 - Effluent Gross	0	-								
		Sample										
		Permit Req.										
		Value NODI										
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-								
		Sample										
		Permit Req.										
		Value NODI										
03582 Oil and grease		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										
84066 Oil and grease visual		1 - Effluent Gross	0	-								
		Sample										
		Permit Req.										
		Value NODI										

Submission Note

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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: 2018-12-03 09:42 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-12-03 09:47 (Time Zone: -07:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerse, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	012 External Outfall	Discharge:	012-A SEDIMENT POND TO ELK CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 11/01/18 to 11/30/18	12/28/18	NetDMR Validated

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENT-SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1.PP 4-5, AND I.A.2, P. 5 FOR RQIMTS.TDS
MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-923-5122

No Data Indicator (NODI)

Form NODI:

Parameter Name	Monitoring Location	Season	Param. NODI	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.	Value NODI								
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								
00545 Solids, settleable	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								
03592 Oil and grease	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								
50650 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								
84066 Oil and grease visual	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI								

Submission Note

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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:	2018-12-03 09:43 (Time Zone: -07:00)

Report Last Signed By

User:	GHGSMITHOXBOW
Name:	Douglas Smith
E-Mail:	doug.smith@oxbow.com
Date/Time:	2018-12-03 09:47 (Time Zone: -07:00)

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:	013- External Outfall	Discharge:	013-A RUNOFF TO N FORK GUNNISON R.		

Report Dates & Status	DMR Due Date:	Status:
Monitoring Period: From 11/01/18 to 11/30/18	12/28/18	NetDMR Validated

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR.24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1,PP 4-5, AND I.A.2, P. 5 FOR RQMNTS.TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRD.

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	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	Units		
00400 pH		1 - Effluent Gross	0	--	Sample								
		Permit Req.											
		Value NODI											
00530 Solids, total suspended		1 - Effluent Gross	0	--	Sample								
		Permit Req.											
		Value NODI											
00545 Solids, settleable		1 - Effluent Gross	0	--	Sample								
		Permit Req.											
		Value NODI											
01045 Iron, total [as Fe]		1 - Effluent Gross	0	--	Sample								
		Permit Req.											
		Value NODI											
03582 Oil and grease		1 - Effluent Gross	0	--	Sample								
		Permit Req.											
		Value NODI											
50650 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--	Sample								
		Permit Req.											
		Value NODI											
84066 Oil and grease visual		1 - Effluent Gross	0	--	Sample								
		Permit Req.											
		Value NODI											

Submission Note

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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: 2018-12-03 09:43 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-12-03 09:47 (Time Zone: -07:00)

DMR Copy of Record

Permit #: CO0000132	Permittee: Oxbow Mining LLC	Facility: SANBORN CRK & ELK CRK MINES
Major: No	Permittee Address: PO Box 535 Somerset, CO 81434-0535	Facility Location: 3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature: 014 External Outfall	Discharge: 014-A SURF RUNOFF TO N FK GUNNISON R	
Report Dates & Status		
Monitoring Period: From 11/01/18 to 11/30/18	DMR Due Date: 12/28/18	Status: NetDMR Validated
Considerations for Form Completion		
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR.24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1,PP 4-5, AND I.A.2, P. 5 FOR RQMNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.		
Principal Executive Officer		
First Name: Mike	Title: President	Telephone: 970-929-5122
Last Name: Ludlow		

Parameter Name		Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	Sample	1 - Effluent Gross	0	-	>=	6.5 MINIMUM C - No Discharge	<=	9 MAXIMUM C - No Discharge	12 - SU	<=	70 DAILY MX C - No Discharge	19 - mg/L	01/30	Monthly	IS - INSITU
00530 Solids, total suspended	Sample	1 - Effluent Gross	0	-									01/30	Monthly	GR - GRAB
00545 Solids, settleable	Sample	1 - Effluent Gross	0	-									01/30	Monthly	GR - GRAB
01045 Iron, total [as Fe]	Sample	1 - Effluent Gross	0	-									01/30	Monthly	GR - GRAB
03580 Oil and grease	Sample	1 - Effluent Gross	0	-									01/30	Monthly	GR - GRAB
50550 Flow, in conduit or thru treatment plant	Sample	1 - Effluent Gross	0	-									01/30	Monthly	GR - GRAB
84066 Oil and grease visual	Sample	1 - Effluent Gross	0	-									01/30	Monthly	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.

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: 2018-12-03 09:44 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-12-03 09:47 (Time Zone: -07:00)

DMR Copy of Record

Permit
 Permit #: CO0000132
 Major: No
 Facility: SANBORN CRK & ELK CRK MINES
 Facility Location: 3737 HIGHWAY 133
 SOMERSET, CO 81434
 Permitted Feature: 015 External Outfall
 Discharge: 015-A DISCHARGE TO ELK CREEK

Report Dates & Status
 Monitoring Period: From 11/01/18 to 11/30/18
 DMR Due Date: 12/28/18
 Status: NetDMR Validated
 Considerations for Form Completion
 30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED OIL & GREASE - SEE I.B.1.D.

Principal Executive Officer
 First Name: Mike
 Last Name: Ludlow
 Title: President
 Telephone: 970-929-5122

No Data Indicator (NODI)

Form NODI:		Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
Code	Parameter Name														
00400 pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	>=	6.5 MINIMUM C - No Discharge	<=	9 MAXIMUM C - No Discharge	12 - SU	<=	01/30 - Monthly	IS - INSTU			
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	35 30DA AVG C - No Discharge	<=	70 MX TO AV C - No Discharge	19 - mg/L	<=	01/30 - Monthly	GR - GRAB			
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	<=	3000 30DA AVG C - No Discharge	<=	6000 DAILY MX C - No Discharge	28 - ug/L	<=	01/30 - Monthly	GR - GRAB			
03582 Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	10 INST MAX C - No Discharge	19 - mg/L		7777 - Contingent	GR - GRAB			
50550 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon DAILY MX 03 - MGD C - No Discharge			01/30 - Monthly	IN - INSTAN			
84066 Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon INST MAX 9P - NODI Y=1 C - No Discharge			01/07 - Weekly	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: 2018-12-03 09:45 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW
 Name: Douglas Smith
 E-Mail: doug.smith@oxbow.com
 Date/Time: 2018-12-03 09:47 (Time Zone: -07:00)

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:	016 External Outfall	Discharge:	016-A SURFACE RUNOFF TO ELK CREEK		

Report Dates & Status		Status:	Not DMR Validated
Monitoring Period:	From 11/01/18 to 11/30/18	DMR Due Date:	12/28/18

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR 24 HR PRECIP EVENT; SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2., P. 5 FOR RQMNTS. TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-925-5122

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	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.													
		Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--											
		Sample													
		Permit Req.													
		Value NODI													
00545	Solids, settleable	1 - Effluent Gross	0	--											
		Sample													
		Permit Req.													
		Value NODI													
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--											
		Sample													
		Permit Req.													
		Value NODI													
03582	Oil and grease	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													
84066	Oil and grease visual	1 - Effluent Gross	0	--											
		Sample													
		Permit Req.													
		Value NODI													

Submission Note

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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: 2018-12-03 09:45 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-12-03 09:47 (Time Zone: -07:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	017 External Outfall	Discharge:	017-A SURE RUNOFF TO N. FK GUNIS RIV		

Report Dates & Status	DMR Due Date:	Status:
Monitoring Period: From 11/01/18 to 11/30/18	12/28/18	Not DMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIES FOR <=10YR, 24HR PRECIP EVENT; SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR, 24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P. 5 FOR RQIMTS, TDS MONITORING - SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-929-5122

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--															
00530	Solids, total suspended	1 - Effluent Gross	0	--															
00545	Solids, settleable	1 - Effluent Gross	0	--															
01045	Iron, total (as Fe)	1 - Effluent Gross	0	--															
03582	Oil and grease	1 - Effluent Gross	0	--															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--															
84060	Oil and grease visual	1 - Effluent Gross	0	--															

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:	2018-12-03 09:45 (Time Zone: -07:00)

Report Last Signed By

User:	GHGSMITHOXBOW
Name:	Douglas Smith
E-Mail:	doug.smith@oxbow.com
Date/Time:	2018-12-03 09:47 (Time Zone: -07:00)

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:	019 External Outfall	Discharge:	019-A SURFACE RUNOFF TO HUBBARD CRK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 11/01/18 to 11/30/18	12/28/18	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR <=10.24HR PRECIP EVENT-SEE I.A.1 PP 4-5, AND I.A.2, P 5 FOR ROMINTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING REPORTING PERIOD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-929-5122

No Data Indicator (NODI)

Parameter Name		Monitoring Location Season # Param. NODI		Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis Sample Type					
Code		Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00400 pH	1 - Effluent Gross	0	-	Sample	Permit Req.	>=	6.5 MINIMUM C - No Discharge	<=	9 MAXIMUM C - No Discharge	12 - SU	IS - INSITU		
				Value NODI	Value NODI								
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req.	<=	35 30DA AVG C - No Discharge	<=	70 MX 7D AV C - No Discharge	19 - mg/L	GR - GRA8		
				Value NODI	Value NODI								
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample	Permit Req.	<=	Req Mon 30DA AVG C - No Discharge	<=	Req Mon DAILY MX 25 - mL/L C - No Discharge	01/30 - Monthly	GR - GRA8		
				Value NODI	Value NODI								
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req.	<=	3000 30DA AVG C - No Discharge	<=	6000 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRA8		
				Value NODI	Value NODI								
03582 Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req.	<=	10 INST MAX C - No Discharge	<=	77777 - Contingent C - No Discharge	19 - mg/L	GR - GRA8		
				Value NODI	Value NODI								
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit Req.	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	01/30 - Monthly	IN - INSTAN				
				Value NODI	Value NODI								
84066 Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req.	Req Mon INST MAX 9P - N=0,Y=1 C - No Discharge	01/30 - Monthly	VI - VISUAL					
				Value NODI	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: 2018-12-03 09:46 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2018-12-03 09:47 (Time Zone: -07:00)