



STATE OF  
COLORADO

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

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## NetDMR COR Submission for: CO0000132

1 message

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**Doug Smith** <Doug.Smith@oxbow.com>

Thu, Nov 1, 2018 at 12:16 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 October 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



**20181101 October DMR's to CDRMS.pdf**

3695K

# 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:	007 External Outfall	Discharge:	007-A SEDIMENT POND TO HUBBARD CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 10/01/18 to 10/31/18	11/28/18	Not DMR Validated

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 RQIMNTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow		

No Data Indicator (NODI)	Telephone:
	970-929-5122

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	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units			
00400 pH		1 - Effluent Gross	0	--		Sample					>=	6.5 MINIMUM			12 - SU	01/30 - Monthly	IS - INSTU	
						Permit Req. Value NODI						C - No Discharge			9 MAXIMUM			C - No Discharge
00530 Solids, total suspended		1 - Effluent Gross	0	--		Sample												
						Permit Req. Value NODI						C - No Discharge			315 30DA AVG			70 DAILY MX
00545 Solids, settleable		1 - Effluent Gross	0	--		Sample												
						Permit Req. Value NODI						C - No Discharge			Req Mon 30DA AVG			Req Mon DAILY MX 25 - mL/L
01045 Iron, total [as Fe]		1 - Effluent Gross	0	--		Sample												
						Permit Req. Value NODI						C - No Discharge			3500 30DA AVG			7000 DAILY MX
03582 Oil and grease		1 - Effluent Gross	0	--		Sample												
						Permit Req. Value NODI						C - No Discharge			10 INST MAX			19 - mg/L
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--		Sample												
						Permit Req. Value NODI						C - No Discharge			Req Mon DAILY MX 03 - MGD			01/30 - Monthly
84066 Oil and grease visual		1 - Effluent Gross	0	--		Sample												
						Permit Req. Value NODI						C - No Discharge			Req Mon INST MAX 9P - N=0,Y=1			01/30 - Monthly

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:  
Name: GHGSMITHOXBOW

E-Mail:  
doug.smith@oxbow.com

Date/Time:  
2018-11-01 09:21 (Time Zone: -06:00)

Report Last Signed By

User:  
Name: GHGSMITHOXBOW

E-Mail:  
doug.smith@oxbow.com

Date/Time:  
2018-11-01 09:30 (Time Zone: -06:00)



# DMR Copy of Record

<b>Permit</b>	<b>Permit #:</b> CO0000132	<b>Permittee:</b> Oxbow Mining LLC	<b>Facility:</b> SANBORN CRK & ELK CRK MINES
<b>Major:</b>	No	<b>Permittee Address:</b> PO Box 535 Somerset, CO 81434-0535	<b>Facility Location:</b> 3737 HIGHWAY 133 SOMERSET, CO 81434
<b>Permitted Feature:</b>	009 External Outfall	<b>Discharge:</b> 009-A SURF RUNOFF TO N FK GUNIS RIVR	
<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 10/01/18 to 10/31/18	<b>DMR Due Date:</b> 11/28/18	<b>Status:</b> 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 RQMNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRD.

**Principal Executive Officer**

<b>First Name:</b> Mike	<b>Title:</b> President
<b>Last Name:</b> Ludlow	<b>Telephone:</b> 970-929-5122

**Form NODI:** No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	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**  
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:** 2018-11-01 09:23 (Time Zone: -06:00)

**Report Last Signed By**  
**User:** GHGSMITHOXBOW  
**Name:** Douglas Smith  
**E-Mail:** doug.smith@oxbow.com  
**Date/Time:** 2018-11-01 09:30 (Time Zone: -06:00)



## 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: 010  
 External Outfall  
 Discharge: 010-A  
 SEDIMENT POND TO SANBORN CREEK

**Report Dates & Status**  
 Monitoring Period: From 10/01/18 to 10/31/18  
 DMR Due Date: 11/28/18  
 Status: Not DMR Validated

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 RQMNTS.TDS  
 MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRIT.

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

**No Data Indicator (NODI)**  
 Form NODI:

Parameter Name	Monitoring Location	Season	# Param.	NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	-	-											
	Permit Req.	Sample													
	Value NODI														
00530 Solids, total suspended	1 - Effluent Gross	0	-	-											
	Permit Req.	Sample													
	Value NODI														
00545 Solids, settleable	1 - Effluent Gross	0	-	-											
	Permit Req.	Sample													
	Value NODI														
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	-											
	Permit Req.	Sample													
	Value NODI														
03582 Oil and grease	1 - Effluent Gross	0	-	-											
	Permit Req.	Sample													
	Value NODI														
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-											
	Permit Req.	Sample													
	Value NODI														
84068 Oil and grease visual	1 - Effluent Gross	0	-	-											
	Permit Req.	Sample													
	Value NODI														

00400 pH: 6.5 MINIMUM C - No Discharge  
 00530 Solids, total suspended: 35 30DA AVG C - No Discharge  
 00545 Solids, settleable: 70 DAILY MX C - No Discharge  
 01045 Iron, total [as Fe]: Req Mon DAILY MX 25 - mL/L C - No Discharge  
 03582 Oil and grease: 7000 DAILY MX C - No Discharge  
 50050 Flow, in conduit or thru treatment plant: Req Mon DAILY MX 03 - MGD C - No Discharge  
 84068 Oil and grease visual: 10 INST MAX C - No Discharge

Units: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**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**  
 No errors.

**Attachments**  
 No attachments.

**Report Last Saved By**  
 Oxbow Mining LLC

User: GHGSMITHOXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com  
 Date/Time: 2018-11-01 09:24 (Time Zone: -06:00)

**Report Last Signed By**

User: GHGSMITHOXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com  
 Date/Time: 2018-11-01 09:30 (Time Zone: -06:00)



# DMR Copy of Record

<b>Permit</b>		<b>Permittee:</b>		<b>Facility:</b>	
Permit #:	CO0000132	Permittee Address:	Oxbow Mining LLC	Facility Location:	SANBORN CRK & ELK CRK MINES
Major:	No	Discharge:	012-A SEDIMENT POND TO ELK CREEK		3737 HIGHWAY 133 SOMERSET, CO 81434
<b>Report Dates &amp; Status</b>		<b>DMR Due Date:</b>		<b>Status:</b>	
Monitoring Period: From 10/01/18 to 10/31/18		11/28/18		Not DMR Validated	
Considerations for Form Completion					
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 ROMINTS.TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.					
<b>Principal Executive Officer</b>					
First Name:	Mike	Title:	President	Telephone:	970-923-5122
Last Name:	Ludlow				
<b>No Data Indicator (NODI)</b>					
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											
84086 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: GHGSMITHOXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2018-11-01 09:24 (Time Zone: -06:00)

## Report Last Signed By

User: GHGSMITHOXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2018-11-01 09:30 (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 Somerset, 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	
Monitoring Period:	From 10/01/18 to 10/31/18
DMR Due Date:	11/28/18
Status:	NetDMR Validated

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 RQMNTS.TDS MONITORING-SEE PART VIA.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

## 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	Units	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											
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

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: 2018-11-01 09:25 (Time Zone: -06:00)

## Report Last Signed By

User: GHGSMITHOXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2018-11-01 09:30 (Time Zone: -06:00)



## DMR Copy of Record

**Permit**  
 Permit #: CO0000132  
 Major: No  
 Permitted Feature: 014 External Outfall  
 Report Dates & Status: From 10/01/18 to 10/31/18  
 Monitoring Period: 11/28/18  
 Status: NoDMR Validated  
 Facility: SANBORN CRK & ELK CRK MINES  
 Facility Location: 3737 HIGHWAY 133  
 SOMERSET, CO 81434  
 Discharge: 014-A  
 SURF RUNOFF TO N FK GUNNISON R

**Permittee:** Oxbow Mining LLC  
 PO Box 535  
 Somerset, CO 81434-0535  
**DMR Due Date:** 11/28/18  
**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 RQMNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRIT.**  
**Principal Executive Officer**

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

**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	Quality or Concentration	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	-																	
84068 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: 2018-11-01 09:26 (Time Zone: -06:00)

### Report Last Signed By

User: GHGSMITHOXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com  
 Date/Time: 2018-11-01 09:30 (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 Somerset, CO 81434-0535	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:	DMR Due Date:	Status:
	From 10/01/18 to 10/31/18	11/28/18	NetDMR Validated

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

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	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Value 3	Value 3	Units																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
00400 pH		1 - Effluent Gross	0	-	Sample																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



# DMR Copy of Record

Permit #:	C00000132	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:	016 External Outfall	Discharge:	016-A SURFACE RUNOFF TO ELK CREEK		

Report Dates & Status					
Monitoring Period:	From 10/01/18 to 10/31/18	DMR Due Date:	11/28/18	Status:	NetDMR Validated

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 VIA.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

Form NODI:

Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	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										
84066 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: GHGSMITHOXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2018-11-01 09:28 (Time Zone: -06:00)

## Report Last Signed By

User: GHGSMITHOXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2018-11-01 09:30 (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 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	017 External Outfall	Discharge:	017-A SURF RUNOFF TO N. FK GUNIS RIV		

Report Dates & Status	
Monitoring Period:	From 10/01/18 to 10/31/18
DMR Due Date:	11/28/18
Status:	NetDMR 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 EVER-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 IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD

## Principal Executive Officer

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

## Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH		1 - Effluent Gross	0	-												
		1 - Effluent Gross	0	-												
00530 Solids, total suspended		1 - Effluent Gross	0	-												
		1 - Effluent Gross	0	-												
00545 Solids, settleable		1 - Effluent Gross	0	-												
		1 - Effluent Gross	0	-												
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-												
		1 - Effluent Gross	0	-												
03582 Oil and grease		1 - Effluent Gross	0	-												
		1 - Effluent Gross	0	-												
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-												
		1 - Effluent Gross	0	-												
84086 Oil and grease visual		1 - Effluent Gross	0	-												
		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: 2018-11-01 09:28 (Time Zone: -06:00)

## Report Last Signed By

User: GHGSMITHOXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2018-11-01 09:30 (Time Zone: -06:00)



## DMR Copy of Record

<b>Permit #:</b>	CO0000132	<b>Permittee:</b>	Oxbow Mining LLC	<b>Facility:</b>	SANBORN CRK & ELK CRK MINES
<b>Major:</b>	No	<b>Permittee Address:</b>	PO Box 535 Somerset, CO 81434-0535	<b>Facility Location:</b>	3737 HIGHWAY 133 SOMERSET, CO 81434
<b>Permitted Feature:</b>	019 External Outfall	<b>Discharge:</b>	019-A SURFACE RUNOFF TO HUBBARD CRK		

<b>Report Dates &amp; Status</b>	<b>Monitoring Period:</b>	<b>DMR Due Date:</b>	<b>Status:</b>
	From 10/01/18 to 10/31/18	11/28/18	NeDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10,24HR 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 REPORTING PERIOD.

**Principal Executive Officer**

<b>First Name:</b>	Mike	<b>Title:</b>	President
<b>Last Name:</b>	Ludlow		

<b>No Data Indicator (NODI)</b>		<b>Telephone:</b>	970-929-5122
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Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400-PH		1 - Effluent Gross	0	--												
		1 - Effluent Gross	0	--												
00530 Solids, total suspended		1 - Effluent Gross	0	--												
		1 - Effluent Gross	0	--												
00545 Solids, settleable		1 - Effluent Gross	0	--												
		1 - Effluent Gross	0	--												
01045 Iron, total [as Fe]		1 - Effluent Gross	0	--												
		1 - Effluent Gross	0	--												
03582 Oil and grease		1 - Effluent Gross	0	--												
		1 - Effluent Gross	0	--												
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--												
		1 - Effluent Gross	0	--												
84008 Oil and grease visual		1 - Effluent Gross	0	--												
		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: 2018-11-01 09:29 (Time Zone: -06:00)

**Report Last Signed By**

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2018-11-01 09:30 (Time Zone: -06:00)