



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>

Fri, Mar 1, 2019 at 1:24 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 February 2019. (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



**20190301 February DMR's to CDRMS.pdf**

3791K

## 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 02/01/19 to 02/28/19	03/28/19	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 ROMINTS.TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRIT.

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

No Data Indicator (NODI)	Form 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	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	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											
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: GHGSMITHXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:57 (Time Zone: -07:00)

### Report Last Signed By

User: GHGSMITHXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:58 (Time Zone: -07:00)



## 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 02/01/19 to 02/28/19	<b>DMR Due Date:</b> 03/28/19	<b>Status:</b> NetDMR Validated
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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 ROMMNTS.TDS MONITORING-SEE PART V.I.A.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

### No Data Indicator (NODI)

<b>Form NODI:</b>	-
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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	--										
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	--										
84086 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: GHGSMITHXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:57 (Time Zone: -07:00)

### Report Last Signed By

User: GHGSMITHXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:58 (Time Zone: -07:00)



## DMR Copy of Record

**Permit**  
**Permit #:** CO0000132 **Permittee:** Oxbow Mining LLC **Facility:** SANBORN CRK & ELK CRK MINES  
**Major:** No **Permittee Address:** PO Box 535 Somers, 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:** From 02/01/19 to 02/28/19 **DMR Due Date:** 03/28/19 **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 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:** 970-925-5122

**No Data Indicator (NODI)**

Form NODI:		Monitoring Location Season # Param. NODI		Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis Sample Type					
Code	Parameter Name	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	-			>=	6.5 MINIMUM C - No Discharge			<=	9 MAXIMUM C - No Discharge	12 - SU	IS - INSITU
		Sample Permit Req. Value NODI											
00530 Solids, total suspended	1 - Effluent Gross	0	-					<=	35 30DA AVG C - No Discharge		70 DAILY MX C - No Discharge	19 - mg/L	GR - GRAB
		Sample Permit Req. Value NODI											
00545 Solids, settleable	1 - Effluent Gross	0	-								Req Mon 30DA AVG C - No Discharge	01/30 - Monthly	GR - GRAB
		Sample Permit Req. Value NODI											
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-					<=	3500 30DA AVG C - No Discharge		7000 DAILY MX C - No Discharge	28 - ug/L	GR - GRAB
		Sample Permit Req. Value NODI											
03582 Oil and grease	1 - Effluent Gross	0	-								10 INST MAX C - No Discharge	19 - mg/L	GR - GRAB
		Sample Permit Req. Value NODI											
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-								Req Mon DAILY MX 03 - MGD C - No Discharge	01/30 - Monthly	IN - INSTAN
		Sample Permit Req. Value NODI											
84066 Oil and grease visual	1 - Effluent Gross	0	-								Req Mon INST MAX 9p - N=0,Y=1 C - No Discharge	01/30 - Monthly	VI - VISUAL
		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: HGSMITHXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com  
 Date/Time: 2019-03-01 09:47 (Time Zone: -07:00)

### Report Last Signed By

User: HGSMITHXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com  
 Date/Time: 2019-03-01 09:58 (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 02/01/19 to 02/28/19	03/28/19	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 REPRTD.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI:		Monitoring Location Season # Param. NODI		Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis Sample Type						
Code	Parameter Name			Qualifier-1	Value 1	Qualifier-2	Value 2	Qualifier-3	Value 3	Units				
00400 pH	1 - Effluent Gross	0	--			>=	6.5 MINIMUM C - No Discharge			<=	9 MAXIMUM C - No Discharge	12 - SU	0130 - Monthly	IS - INSITU
00500 Solids, total suspended	1 - Effluent Gross	0	--					<=	35 30DA AVG C - No Discharge		70 DAILY MX C - No Discharge	19 - mg/L	0130 - Monthly	GR - GRAB
00645 Solids, settleable	1 - Effluent Gross	0	--											
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--					<=	3000 30DA AVG C - No Discharge		6000 DAILY MX C - No Discharge	28 - ug/L	0130 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross	0	--											
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--											
84066 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: GHGSMITHXOBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:46 (Time Zone: -07:00)

## Report Last Signed By

User: GHGSMITHXOBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:58 (Time Zone: -07:00)



## DMR Copy of Record

**Permit**  
**Permit #:** CO0000132  
**Major:** No  
**Permitted Feature:** 013 External Outfall

**Permittee:** Oxbow Mining LLC  
**Permittee Address:** PO Box 535  
 Somerset, CO 81434-0535  
**Facility:** SANBORN CRK & ELK CRK MINES  
**Facility Location:** 3737 HIGHWAY 133  
 SOMERSET, CO 81434

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

**Report Dates & Status**  
**Monitoring Period:** From 02/01/19 to 02/28/19  
**DMR Due Date:** 03/28/19  
**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 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	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	>=	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	C - No Discharge	25 - mL/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		Req Mon DAILY MX	03 - MGD		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 INST MAX	9P - N=0,Y=1		Req Mon INST MAX	C - No Discharge		01/30 - Monthly	IN - INSTAN			
84086 Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								01/30 - Monthly	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: GHGSMITHXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com  
 Date/Time: 2019-03-01 09:46 (Time Zone: -07:00)

### Report Last Signed By

User: GHGSMITHXBOW  
 Name: Douglas Smith  
 E-Mail: doug.smith@oxbow.com  
 Date/Time: 2019-03-01 09:58 (Time Zone: -07:00)



## 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>	014 External Outfall	<b>Discharge:</b>	014-A SURF RUNOFF TO N FK GUNNISON R		

<b>Report Dates &amp; Status</b>	<b>Monitoring Period:</b>	<b>DMR Due Date:</b>	<b>Status:</b>
	From 02/01/19 to 02/28/19	03/28/19	NetDMR 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 ROMNTS, TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

**Principal Executive Officer**

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

**No Data Indicator (NODI)**

**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	--													
	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:**

GHGSMITHXBOW

**Name:**

Douglas Smith

**E-Mail:**

doug.smith@oxbow.com

**Date/Time:**

2019-03-01 09:43 (Time Zone: -07:00)

**Report Last Signed By**

GHGSMITHXBOW

**User:**

Douglas Smith

**E-Mail:**

doug.smith@oxbow.com

**Date/Time:**

2019-03-01 09:58 (Time Zone: -07:00)



# DMR Copy of Record

<b>Permit</b>	<b>Permit #:</b> C00000132	<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 Someraset, CO 81434-0535	<b>Facility Location:</b> 3737 HIGHWAY 133 SOMERSET, CO 81434
<b>Permitted Feature:</b>	015 External Outfall	<b>Discharge:</b> 015-A DISCHARGE TO ELK CREEK	
<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 02/01/19 to 02/28/19	<b>DMR Due Date:</b> 03/28/19	<b>Status:</b> NetDMR Validated
<i>Considerations for Form Completion</i>			
30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE I.B.1.D.			
<i>Principal Executive Officer</i>			
<b>First Name:</b>	Mike	<b>Title:</b>	President
<b>Last Name:</b>	Ludlow	<b>Telephone:</b>	970-929-5122
<b>Form NODi:</b>			

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	Qualifier 4	Value 4	
00400 pH		1 - Effluent Gross	0	--	Sample								IS - INSITU
					Permit Req.								
					Value NODi								
00530 Solids, total suspended		1 - Effluent Gross	0	--	Sample								GR - GRAB
					Permit Req.								
					Value NODi								
01045 Iron, total (as Fe)		1 - Effluent Gross	0	--	Sample								GR - GRAB
					Permit Req.								
					Value NODi								
03582 Oil and grease		1 - Effluent Gross	0	--	Sample								GR - GRAB
					Permit Req.								
					Value NODi								
50550 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--	Sample								IN - INSTAN
					Permit Req.								
					Value NODi								
84060 Oil and grease visual		1 - Effluent Gross	0	--	Sample								VI - VISUAL
					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: 2019-03-01 09:42 (Time Zone: -07:00)

## Report Last Signed By

User: GHGSMITHOXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:58 (Time Zone: -07:00)



## 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:	016-A SURFACE RUNOFF TO ELK CREEK		3737 HIGHWAY 133 SOMERSET, CO 81434
<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 02/01/19 to 02/28/19	DMR Due Date:	03/28/19	Status:	NeDMR Validated
<b>Considerations for Form Completion</b>					
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR.24HR 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.					
<b>Principal Executive Officer</b>					
First Name:	Mike	Title:	President	Telephone:	970-929-5122
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	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI
03582 Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI
50650 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI
84096 Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	Sample	Permit Req.	Value NODI	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: 2019-03-01 09:42 (Time Zone: -07:00)

### Report Last Signed By

User: GHGSMITHOXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:58 (Time Zone: -07:00)



# DMR Copy of Record

**Permit**  
**Permit #:** CO0000132  
**Major:** No  
**Permitted Feature:** 017 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:** 017-A SURF RUNOFF TO N. FK GUNIS RIV

**Report Dates & Status**  
**Monitoring Period:** From 02/01/19 to 02/28/19  
**DMR Due Date:** 03/28/19  
**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 EVENT-SEE I.A.1 PP 4-5, AND I.A.2, P.5 FOR ROWNTS. 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  
**Last Name:** Ludlow  
**Title:** President  
**Telephone:** 970-925-5122

**No Data Indicator (NODI)**

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			Frequency of Analysis		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex	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:** 2019-03-01 09:41 (Time Zone: -07:00)

**Report Last Signed By**

**User:** GHGSMITHOXBOW  
**Name:** Douglas Smith  
**E-Mail:** doug.smith@oxbow.com  
**Date/Time:** 2019-03-01 09:58 (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:	019 External Outfall	Discharge:	019-A SURFACE RUNOFF TO HUBBARD CRK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 02/01/19 to 02/28/19	03/28/19	Not DMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR <=10.24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10.24HR EVENT-SEE I.A.1 PP 4-5, AND I.A.2, P 5 FOR RQWNTS.TDS MONITORING-SEE PART VI.A.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)	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	Value 3	Qualifier 3	Units	Value 3	Sample Type
00400 pH		1 - Effluent Gross	0	--									
		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: GHGSMITHXBOW  
Name: Douglas Smith  
E-Mail: doug.smith@oxbow.com  
Date/Time: 2019-03-01 09:41 (Time Zone: -07:00)

**Report Last Signed By**

User: GHGSMITHXBOW  
Name: Douglas Smith  
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Date/Time: 2019-03-01 09:58 (Time Zone: -07:00)