



STATE OF
COLORADO

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

NetDMR COR Submission for: CO0000132

1 message

Doug Smith <Doug.Smith@oxbow.com>

Wed, Jan 2, 2019 at 12:03 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 December 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



20190101 December DMR's to CDRMS.pdf
4982K

DMR Copy of Record

Permit #:	CO0000132	Permitter:	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:	From 12/01/18 to 12/31/18	DMR Due Date:	01/28/19	Status:	Not DMR 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				
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					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										
03282 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										
70285 Solids, total dissolved		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:

Name:

E-Mail:

Date/Time:

2019-01-02 09:07 (Time Zone: -07:00)

Report Last Signed By

User:

Name:

GHGSMITH-BOBOW

Douglas Smith

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:	009 External Outfall	Discharge:	009-A SURF RUNOFF TO N FK GUNIS RIVR											
Report Dates & Status		DMR Due Date:	01/28/19	Status:	NetDMR Validated									
Monitoring Period:	From 12/01/18 to 12/31/18													
<i>Considerations for Form Completion</i>														
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 ROMNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRD.														
Principal Executive Officer														
First Name:	Mike	Title:	President	Telephone:	970-929-5122									
Last Name:	Ludlow													
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													
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													
70295 Solids, total dissolved	1 - Effluent Gross	0	-											
	Sample													
	Permit Req. Value NODI													
84566 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:	2019-01-02 09:08 (Time Zone: -07:00)													
Report Last Signed By														
User:	GHGSMITHOXBOW													
Name:	Douglas Smith													

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: 010 External Outfall	Discharge: 010-A SEDIMENT POND TO SANBORN CREEK															
Report Dates & Status																
Monitoring Period: From 12/01/18 to 12/31/18	DMR Due Date: 01/28/19	Status: 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 VI.A.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																
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											
70295 Solids, total dissolved	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: 2019-01-02 09:08 (Time Zone: -07:00)																
Report Last Signed By																
User: GHGSMITHOXBOW																
Name: Douglas Smith																

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:	012 External Outfall	Discharge:	012-A SEDIMENT POND TO ELK CREEK		
Report Dates & Status					
Monitoring Period:	From 12/01/18 to 12/31/18	DMR Due Date:	01/28/19	Status:	NetDMR 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 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				

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 of Concentration	Qualifier 4	Value 4	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	-	Sample	Permit Req.														
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req.														
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample	Permit Req.														
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req.														
03942 Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req.														
50050 Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit Req.														
70295 Solids, total dissolved	1 - Effluent Gross	0	-	Sample	Permit Req.														
84566 Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req.														

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
Douglas Smith
doug.smith@oxbow.com
2019-01-02 09:09 (Time Zone: -07:00)

Report Last Signed By

GHGSMITHOXBOW
Douglas Smith

Permit			
Permit #:	CO0000132	Permittee:	Oxbow Mining LLC
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535
		Facility:	SANBORN CRK & ELK CRK MINES
		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 12/01/18 to 12/31/18
DMR Due Date:	01/28/19
Status:	NetDMR Validated

Considerations for Form Completion

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

No Data Indicator (NODI)
Form NODI:

Code	Parameter Name	Monitoring Location		Season #	Param. NODI	Quantity or Leading			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		
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 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	<=	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	7/7/77 - 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				01/30 - Monthly	IN - INSTAN			
70295 Solids, total dissolved		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI		Req Mon QRTX AVG C - No Discharge				01/90 - Quarterly	GR - GRAB			
80066 Oil and grease visual		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI		Req Mon INST MAX 9P - N=0,Y=1 C - No Discharge				01/30 - Monthly	V1 - VISUAL			

If a parameter row does not contain any values for the Sample no, 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

Comments

Attachments
No attachments.

Report Last Saved By

Oxbow Mining LLC User:	CHCSMITHOXBOW
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Name: Douglas Smith
E-Mail: doug.smith@usheer.com

Date/Time: 2019-01-02 09:09 (Time Zone: -07:00)
 Report Last Signed By: doodyjanini@oxbow.com

User: GHGSMITH@XOBOW
Name:
Points:
Count:

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:	014 External Outfall	Discharge:	014-A SURF RUNOFF TO N FK GUNNISON R		

Report Dates & Status	Monitoring Location	Season & Param. NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
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Monitoring Period:	From 12/01/18 to 12/31/18	DMR Due Date:	01/28/19	Status:	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 RQMNTS.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	Last Name:	Ludlow	Title:	President	Telephone:	970-923-5122
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No Data Indicator (NODI)	Form NODI:	
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Code	Parameter Name	Monitoring Location	Season & Param. NODI	Sample	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 -	Permit Req. Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0 -	Sample											
00545	Solids, settleable	1 - Effluent Gross	0 -	Permit Req. Value NODI											
01045	Iron, total [as Fe]	1 - Effluent Gross	0 -	Sample											
03592	Oil and grease	1 - Effluent Gross	0 -	Permit Req. Value NODI											
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0 -	Sample											
70295	Solids, total dissolved	1 - Effluent Gross	0 -	Permit Req. Value NODI											
84066	Oil and grease visual	1 - Effluent Gross	0 -	Sample											

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.
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Edit Check Errors	No errors.
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Comments	
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Attachments	No attachments.
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Report Last Saved By	Oxbow Mining LLC
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User:	GHGSMITHOXBOW
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Name:	Douglas Smith
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E-Mail:	doug.smith@oxbow.com
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Date/Time:	2019-01-02 09:10 (Time Zone: -07:00)
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Report Last Signed By	GHGSMITHOXBOW
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User:	Douglas Smith
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DMR Copy of Record

Permit	Permit #: C0000132	Permittee: Oxbow Mining LLC	Facility: SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address: PO Box 535 Someraset, 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:	From 12/01/18 to 12/31/18	DMR Due Date: 01/28/19	Status: 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.			
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	Units	Qualifier 3	Value 3	Units	
00400 pH		1 - Effluent Gross	0	-	Sample								
		1 - Effluent Gross	0	-	Permit Req. Value NODI								
00530 Solids, total suspended		1 - Effluent Gross	0	-	Sample								
		1 - Effluent Gross	0	-	Permit Req. Value NODI								
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-	Sample								
		1 - Effluent Gross	0	-	Permit Req. Value NODI								
03582 Oil and grease		1 - Effluent Gross	0	-	Sample								
		1 - Effluent Gross	0	-	Permit Req. Value NODI								
50550 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-	Sample								
		1 - Effluent Gross	0	-	Permit Req. Value NODI								
70295 Solids, total dissolved		1 - Effluent Gross	0	-	Sample								
		1 - Effluent Gross	0	-	Permit Req. Value NODI								
84566 Oil and grease visual		1 - Effluent Gross	0	-	Sample								
		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: 2019-01-02 09:10 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-01-02 09:14 (Time Zone: -07:00)

Permit	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:	015 External Outfall		Discharge:	015-W ACUTE WET TESTING FOR 015A		
Report Dates & Status						
Monitoring Period:	From 10/01/18 to 12/31/18		DMR Due Date:	01/28/19	Status:	NetDMR Validated
Considerations for Form Completion						
SEE I.A.A., PP 5-6 FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL PINT WESTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.						
Principal Executive Officer						
First Name:	Mike	Title:	President		Telephone:	970-925-5122
Last Name:	Ludlow					
No Data Indicator (NOD)						
Form NOD:						
Code	Parameter	Name	Monitoring Location	Season	# Param. NOD	
TAN9C LC50	Stare	SBH Acute Pimphales	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:	2019-01-02 09:11 (Time Zone: -07:00)					
Report Last Signed By						
User:	GHGSMITHOXBOW					
Name:	Douglas Smith					
E-Mail:	doug.smith@oxbow.com					
Date/Time:	2019-01-02 09:14 (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 Somerse, 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		DMR Due Date: 01/28/19		Status: NetDMR Validated											
Monitoring Period: From 12/01/18 to 12/31/18															
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 RQNTS. TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.															
Principal Executive Officer															
Last Name: Mike		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 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	-	Sample											
	Permit Req. Value NODI			Sample											
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample											
	Permit Req. Value NODI			Sample											
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample											
	Permit Req. Value NODI			Sample											
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample											
	Permit Req. Value NODI			Sample											
03582 Oil and grease	1 - Effluent Gross	0	-	Sample											
	Permit Req. Value NODI			Sample											
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample											
	Permit Req. Value NODI			Sample											
70395 Solids, total dissolved	1 - Effluent Gross	0	-	Sample											
	Permit Req. Value NODI			Sample											
84566 Oil and grease visual	1 - Effluent Gross	0	-	Sample											
	Permit Req. Value NODI			Sample											

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:	2019-01-02 09:11 (Time Zone: -07:00)
Report Last Signed By	
User:	GHGSMITHOXBOW
Name:	Douglas Smith

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:	017 External Outfall	Discharge:	017-A SURF RUNOFF TO N. FK GUNIS RIV		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 12/01/18 to 12/31/18	01/28/19	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-T-SEE (A, 1, PP 4-5, AND (A, 2, P 5 FOR ROMNTS. 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		
No Data Indicator (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	Units	Qualifier 3	Value 3	Units	Frequency	
00400	pH	1 - Effluent Gross	0	-										IS - INSITU
		Sample												
		Permit Req. Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	-										GR - GRAB
		Sample												
		Permit Req. Value NODI												
00545	Solids, settleable	1 - Effluent Gross	0	-										GR - GRAB
		Sample												
		Permit Req. Value NODI												
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-										GR - GRAB
		Sample												
		Permit Req. Value NODI												
03592	Oil and grease	1 - Effluent Gross	0	-										GR - GRAB
		Sample												
		Permit Req. Value NODI												
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-										GR - GRAB
		Sample												
		Permit Req. Value NODI												
70295	Solids, total dissolved	1 - Effluent Gross	0	-										GR - GRAB
		Sample												
		Permit Req. Value NODI												
84566	Oil and grease visual	1 - Effluent Gross	0	-										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: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-01-02 09:12 (Time Zone: -07:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith

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		Status:	Not DMR Validated
Monitoring Period:	From 12/01/18 to 12/31/18	DMR Due Date:	01/28/19

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED 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 RQIMTS.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
Last Name:	Ludlow
Title:	President
Telephone:	970-929-5122

No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Season	Param. NOD	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	-											
00530	Solids, total suspended	1 - Effluent Gross	0	-											
00545	Solids, settleable	1 - Effluent Gross	0	-											
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-											
03592	Oil and grease	1 - Effluent Gross	0	-											
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-											
70295	Solids, total dissolved	1 - Effluent Gross	0	-											
84055	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:
Name: GHGSMITH-HOXBOW

E-Mail:
Name: Douglas Smith

Date/Time:
Name: doug.smith@oxbow.com

Report Last Signed By
Name: 2019-01-02 09:12 (Time Zone: -07:00)

User:
Name: GHGSMITH-HOXBOW

Name:
Name: Douglas Smith