



STATE OF
COLORADO

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

NetDMR COR Submission for: CO0000132

1 message

Doug Smith <Doug.Smith@oxbow.com>
To: "leigh.simmons@state.co.us" <leigh.simmons@state.co.us>
Cc: Mike Ludlow <Mike.Ludlow@oxbow.com>

Mon, Apr 1, 2019 at 2:02 PM

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 March 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



20190401 March DMR's to CDRMS.pdf
4429K

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

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 03/01/19 to 03/31/19	04/28/19	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 RQMNITS.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	Telephone:	970-929-5122

No Data Indicator (NODI)

Form NODI:		Monitoring Location Season # Param. NODI									
Code	Parameter Name	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	# 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	--								
70295 Solids, total dissolved	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: 2019-04-01 09:27 (Time Zone: -06:00)

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:	009 External Outfall	Discharge:	009-A SURF RUNOFF TO N FK GUNIS RIVR		

Report Dates & Status		DMR Due Date:	04/28/19	Status:	NetDMR Validated
Monitoring Period:	From 03/01/19 to 03/31/19				

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. IF 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)

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											
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

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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: 2019-04-01 09:27 (Time Zone: -06:00)

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 Someraset, 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		Status:	NetDMR Validated
Monitoring Period:	From 03/01/19 to 03/31/19	DMR Due Date:	04/28/19

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
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 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													
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

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

GHGSMITHOXBOW
Douglas Smith
doug.smith@oxbow.com
2019-04-01 09:27 (Time Zone: -06:00)

GHGSMITHOXBOW
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		Status:	NetDMR Validated
Monitoring Period:	From 03/01/19 to 03/31/19	DMR Due Date:	04/28/19

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 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)

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	--			>=	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	--				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	--				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	--				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	--						<=	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	--				Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 03 - MGD C - No Discharge		01/30 - Monthly IN - INSTAN
70295 Solids, total dissolved		1 - Effluent Gross	0	--							Req Mon QTR AVG C - No Discharge		01/90 - Quarterly GR - GRAB
84066 Oil and grease visual		1 - Effluent Gross	0	--							Req Mon INST MAX 9P - No Discharge C - No Discharge		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: 2019-04-01 09:28 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith

DMR Copy of Record

Permit
 Permit #: CO0000132
 Major: No
 Permitted Feature: 013 External Outfall
 Report Dates & Status: From 03/01/19 to 03/31/19
 Monitoring Period: 04/28/19
 Status: NetDMR Validated
 Facility: SANBORN CRK & ELK CRK MINES
 Facility Location: 3737 HIGHWAY 133
 SOMERSET, CO 81434

Permittee: Oxbow Mining LLC
 PO Box 535
 Somerset, CO 81434-0535
Discharge: 013-A
 RUNOFF TO N FORK GUNNISON R.
DMR Due Date: 04/28/19
Status: NetDMR Validated

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															
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: 2019-04-01 09:28 (Time Zone: -06:00)

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

Report Dates & Status		Status:	NetDMR Validated
Monitoring Period:	From 03/01/19 to 03/31/19	DMR Due Date:	04/28/19

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 RQMINTS.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:	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													
	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.

Edi 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: 2019-04-01 09:29 (Time Zone: -06:00)

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 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 03/01/19 to 03/31/19	DMR Due Date:	04/28/19	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.					
<i>Principal Executive Officer</i>					
First Name:	Mike	Title:	President	Telephone:	970-929-5122
Last Name:	Ludlow				
Form NODI:	No Data Indicator (NODI)				

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	--									
00530 Solids, total suspended	1 - Effluent Gross	0	--									
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--									
03582 Oil and grease	1 - Effluent Gross	0	--									
50550 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--									
70295 Solids, total dissolved	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: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-04-01 09:29 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-04-01 09:34 (Time Zone: -06:00)

Permit Permit #:	CO0000132	Permittee: Permittee Address:	Oxbow Mining LLC PO Box 535 Someset, CO 81434-0535	Facility: Facility Location:	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434
Major:	No	Discharge:	015-W ACUTE WET TESTING FOR 015A		
Permitted Feature:	015 External Outfall				
Report Dates & Status		DWR Due Date:	04/28/19	Status:	NetDMR Validated
Monitoring Period:	From 01/01/19 to 03/31/19				
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 (NODI)					
Form NODI:	-				
Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Sample Permit Req. Value NODI
TANGC LC50	Sludge 50W Acute Pirmphales	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:	2019-04-01 09:30 (Time Zone: -06:00)				
Report Last Signed By					
User:	GHGSMITHOXBOW				
Name:	Douglas Smith				
E-Mail:	doug.smith@oxbow.com				
Date/Time:	2019-04-01 09:34 (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:	016 External Outfall	Discharge:	016-A SURFACE RUNOFF TO ELK CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 03/01/19 to 03/31/19	04/28/19	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 IA.1, PP 4-5, AND IA.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:	970-929-5122

No Data Indicator (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	Value 3	Units	
00400 pH	1 - Effluent Gross	0	-	-										IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross	0	-	-										GR - GRAB
00545 Solids, settleable	1 - Effluent Gross	0	-	-										GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	-										GR - GRAB
03582 Oil and grease	1 - Effluent Gross	0	-	-										GR - GRAB
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-										GR - GRAB
70295 Solids, total dissolved	1 - Effluent Gross	0	-	-										GR - GRAB
84065 Oil and grease visual	1 - Effluent Gross	0	-	-										GR - GRAB

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:

2019-04-01 09:31 (Time Zone: -06:00)

Report Last Signed By

GHGSMITHOXBOW

User:

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

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 03/01/19 to 03/31/19	04/28/19	NetDMR Validated

Considerations for Form Completion
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 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

No Data Indicator (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	--									
00530 Solids, total suspended	Sample												
	Permit Req. Value NODI												
00545 Solids, settleable	Sample												
	Permit Req. Value NODI												
01045 Iron, total [as Fe]	Sample												
	Permit Req. Value NODI												
03502 Oil and grease	Sample												
	Permit Req. Value NODI												
50050 Flow, in conduit or thru treatment plant	Sample												
	Permit Req. Value NODI												
70295 Solids, total dissolved	Sample												
	Permit Req. Value NODI												
84066 Oil and grease 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: 2019-04-01 09:32 (Time Zone: -06:00)

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 Somerest, 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:
Considerations for Form Completion	From 03/01/19 to 03/31/19	04/28/19	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT 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 RQIMNTS.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	Qualifier 3	Value 3	Units		
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	--									
70295 Solids, total dissolved		1 - Effluent Gross	0	--									
84066 Oil and grease visual		1 - Effluent Gross	0	--									

Submission Note

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Edit Check Errors

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Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-04-01 09:32 (Time Zone: -06:00)

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User: GHGSMITHOXBOW
Name: Douglas Smith