



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, May 6, 2019 at 1:30 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 April 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



20190501 April DMR's to CDRMS.pdf
3883K

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

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 04/01/19 to 04/30/19	05/28/19	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 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)	Form NODI:		Telephone:	970-925-5122

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	
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							
84060 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: 2019-05-01 13:27 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-05-01 13:27 (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:	009 External Outfall	Discharge:	009-A SURF RUNOFF TO N FK GUNIS RIVR		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 04/01/19 to 04/30/19	05/28/19	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 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)

Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis		
				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Sample Type
00400 pH	1 - Effluent Gross	0	--									
00530 Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.	Sample	>=	6.5 MINIMUM C - No Discharge	12 - SU	<=	9 MAXIMUM C - No Discharge	01/30 - Monthly	IS - INSTTU
				Value NODI	Sample							
00545 Solids, settleable	1 - Effluent Gross	0	--	Permit Req.	Sample	<=	35 30DA AVG C - No Discharge	19 - mg/L	<=	70 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
				Value NODI	Sample							
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--	Permit Req.	Sample	<=	Req Mon 30DA AVG C - No Discharge	25 - mL	<=	Req Mon DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
				Value NODI	Sample							
03582 Oil and grease	1 - Effluent Gross	0	--	Permit Req.	Sample	<=	3500 30DA AVG C - No Discharge	28 - ug/L	<=	7000 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
				Value NODI	Sample							
50560 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.	Sample		Req Mon DAILY MX 03 - MGD C - No Discharge	19 - mg/L	<=	10 INST MAX C - No Discharge	77/77 - Contingent	GR - GRAB
				Value NODI	Sample							
84066 Oil and grease visual	1 - Effluent Gross	0	--	Permit Req.	Sample		Req Mon INST MAX 9P - NODI=1 C - No Discharge				01/30 - Monthly	IN - INSTAN
				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: 2019-05-01 13:26 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-05-01 13:27 (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 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:	DMR Due Date:	Status:
	From 04/01/19 to 04/30/19	05/28/19	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 RQMNITS.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)

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							
				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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

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

Monitoring Period:	From 04/01/19 to 04/30/19	DMR Due Date:	05/28/19	Status:	NetDMR Validated
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TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT MAY BE WAIVED FOR >10YR,24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT-SEE IA.1.PP.4-5, AND IA.2. P. 5 FOR RQMNTS.TDS MONITORING. (SEE PART VII.3.2.CE DATA.)

Principal Executive Officer

Last Name:

Form NODI:

Code	Name			Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
				Qualifier-1	Value 1	Qualifier-2	Value 2	Units	Qualifier-3	Value 3		
00400 pH	1 - Effluent Gross	0	-			>=	6.5 MINIMUM C - No Discharge		<=	9 MAXIMUM C - No Discharge	12 - SU	IS - INSTITU
				Permit Req. Value NODI								
				Sample								
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
				Permit Req. Value NODI								
				Sample								
00545 Solids, settleable	1 - Effluent Gross	0	-							Req Mon 30DA AVG C - No Discharge	01/30 - Monthly	GR - GRAB
				Permit Req. Value NODI								
				Sample								
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-			<=	3000 30DA AVG C - No Discharge		<=	6000 DAILY MX C - No Discharge	01/30 - Monthly	GR - GRAB
				Permit Req. Value NODI								
				Sample								
03582 Oil and grease	1 - Effluent Gross	0	-								01/30 - Monthly	GR - GRAB
				Permit Req. Value NODI								
				Sample								
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-								77777 - Contingent	GR - GRAB
				Permit Req. Value NODI								
				Sample								
84066 Oil and grease visual	1 - Effluent Gross	0	-								01/30 - Monthly	IN - INSTAN
				Permit Req. Value NODI								
				Sample								
	1 - Effluent Gross	0	-								01/30 - Monthly	VI - VISUAL
				Permit Req. Value NODI								
				Sample								

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.

No errors.

Attachments
No attachments.

Oxbow Mining LLC

User:

E-Mail:

Report Last Signed I

Name:

Date/Time:

100

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 04/01/19 to 04/30/19
DMR Due Date: 05/28/19
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 RQWNTS.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
Last Name: Ludlow
Title: President
Telephone: 970-929-5122

No Data Indicator (NODI)

Form NODI:		Monitoring Location		Season	Param. NODI	Quantity or Loading		Quality or Concentration		Frequency of Analysis		Sample Type
Code	Parameter Name	Value 1	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 1	Value 2	Qualifier 2	Value 3	Qualifier 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	28 - ug/L	01/30 - Monthly	GR - GRAB
01045 Iron, total [see Fe]	1 - Effluent Gross	0	-	-	-	3000 30DA AVG C - No Discharge	<=	<=	6000 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross	0	-	-	-	Req Mon 30DA AVG C - No Discharge	<=	<=	10 INST MAX C - No Discharge	77777 - Contingent	01/30 - Monthly	IN - INSTAN
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	-	Req Mon INST MAX 9P - N=0,Y=1 C - No Discharge	<=	<=	10 INST MAX C - No Discharge	19 - mg/L	01/30 - Monthly	VI - VISUAL
84066 Oil and grease visual	1 - Effluent Gross	0	-	-	-	Req Mon INST MAX 9P - N=0,Y=1 C - No Discharge	<=	<=	10 INST MAX C - No Discharge	19 - mg/L	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: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-05-01 13:24 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-05-01 13:27 (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:	014 External Outfall	Discharge:	014-A SURF RUNOFF TO N FK GUNNISON R		

Report Dates & Status	DMR Due Date:	Status:
Monitoring Period: From 04/01/19 to 04/30/19	05/28/19	Not DMR 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 ROWNTS.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:	970-925-5122

No Data Indicator (NODI)

Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	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					
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI			<=	35 30DA AVG	C - No Discharge					
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI			<=	70 DAILY MX	C - No Discharge					
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI				Req Mon 30DA AVG	C - No Discharge					
03582 Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI				Req Mon DAILY MX 25 - mL/L	C - No Discharge					
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI				6000 DAILY MX	C - No Discharge					
84066 Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI				10 INST MAX	C - No Discharge					

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: 2019-05-01 13:24 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-05-01 13:27 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: CO0000132
 Major: No
 Permitted Feature: 015 External Outfall

Permittee: Oxbow Mining LLC
 PO Box 535
 Somerset, CO 81434-0535

Facility: SANBORN CRK & ELK CRK MINES
 3737 HIGHWAY 133
 SOMERSET, CO 81434

Discharge: 015-A
 DISCHARGE TO ELK CREEK

Report Dates & Status
 Monitoring Period: From 04/01/19 to 04/30/19
 DMR Due Date: 05/28/19
 Status: NetDMR Validated

Considerations for Form Completion
 30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE I.B.1.D.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI:

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	--	--	--	--	--	--	--	--	--	--	--	01/30 - Monthly	IS - INSTTU
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	--	--	--	--	--	--	--	--	--	--	--	01/30 - Monthly	GR - GRAB
01045 Iron, total (as Fe)	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	--	--	--	--	--	--	--	--	--	--	--	01/30 - Monthly	GR - GRAB
03482 Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	--	--	--	--	--	--	--	--	--	--	--	01/30 - Monthly	GR - GRAB
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	--	--	--	--	--	--	--	--	--	--	--	7/1/77 - Contingent	GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	--	--	--	--	--	--	--	--	--	--	--	01/30 - Monthly	IN - INSTAN
																01/07 - Weekly	VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-05-01 13:23 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-05-01 13:27 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: CO0000132
 Major: No
 Permitted Feature: 016 External Outfall

Permittee: Oxbow Mining LLC
 PO Box 535
 Somerset, CO 81434-0535

Facility: SANBORN CRK & ELK CRK MINES
 3737 HIGHWAY 133
 SOMERSET, CO 81434

Discharge: 016-A
 SURFACE RUNOFF TO ELK CREEK

Report Dates & Status
 Monitoring Period: From 04/01/19 to 04/30/19
 DMR Due Date: 05/28/19
 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 IA.1, PP 4-5, AND IA.2., P. 5 FOR RQMTS. 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
 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	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	--			>=	6.5 MINIMUM C - No Discharge								IS - INSTTU
00530	Solids, total suspended	1 - Effluent Gross	0	--				35 30DA AVG C - No Discharge								GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--				Req Mon 30DA AVG C - No Discharge								GR - GRAB
01045	Iron, total (as Fe)	1 - Effluent Gross	0	--				3000 30DA AVG C - No Discharge								GR - GRAB
03592	Oil and grease	1 - Effluent Gross	0	--				10 INST MAX C - No Discharge								GR - GRAB
50950	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--				Req Mon DAILY MX 03 - MGD C - No Discharge								IN - INSTAN
84060	Oil and grease visual	1 - Effluent Gross	0	--				Req Mon INST MAX 9P - N=0,Y=1 C - No Discharge								VI - VISUAL

Submission Note
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
 Oxbow Mining LLC

User: GHGSMITHOXBOW
 Name: Douglas Smith
 E-Mail: doug.smith@oxbow.com
 Date/Time: 2019-05-01 13:23 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
 Name: Douglas Smith
 E-Mail: doug.smith@oxbow.com
 Date/Time: 2019-05-01 13:27 (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 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:	From 04/01/19 to 04/30/19
DMR Due Date:	05/28/19
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 EVER-SEE I.A.1.PP 4-5, AND I.A.2., P 5 FOR RQMNTS. TDS MONITORING -SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow		
No Data Indicator (NODI)		Telephone:	970-929-5122

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	-									IS - INSTITU
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	-									IN - INSTANT
84066	Oil and grease visual	1 - Effluent Gross	0	-									VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-05-01 13:22 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-05-01 13:27 (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 Someset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	019 External Outfall	Discharge:	019-A SURFACE RUNOFF TO HUBBARD CRK		

Report Dates & Status	
Monitoring Period:	From 04/01/19 to 04/30/19
DMR Due Date:	05/28/19
Status:	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10.24HR PRECIP EVENT-SEE LA.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

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

No Data Indicator (NODI)

Form NODI:													Monitoring Location Season # Param. NODI												
Parameter Name													Quantity or Loading		Units		Quality or Concentration		Value 3		# of Ex. Frequency of Analysis Sample Type				
Code													Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00400	pH																								
		</																							

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: 2019-05-01 13:22 (Time Zone: -06:00)

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