



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, Jul 1, 2019 at 11:51 AM

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 June 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



20190701 June DMR's to CDRMS.pdf
4241K

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

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

Permitted Feature:

007
External Outfall

Discharge:

007-A
SEDIMENT POND TO HUBBARD CREEK

Report Dates & Status

Monitoring Period: From 06/01/19 to 06/30/19

DMR Due Date:

07/28/19

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 RQMTS, TDS MONITORING. SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPORT.

Principal Executive Officer

First Name: MIKE
Last Name: LUDLOW

Title:

PRESIDENT

Telephone:

970-929-5122

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Quantity or Concentration	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																		
	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
00530 Solids, total suspended	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
00545 Solids, settleable	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
03592 Oil and grease	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
	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																		
	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
70295 Solids, total dissolved	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
84095 Oil and grease visual	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		
	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI																		

Reg Mon 30DA AVG
C - No Discharge

Reg Mon INST MAX 9P - N=O-Y=1
C - No Discharge

Reg Mon DAILY MX 03 - MGD
C - No Discharge

Reg Mon 30DA AVG
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
C - No Discharge

Reg Mon DAILY MX 28 - ug/L
C - No Discharge

Reg Mon DAILY MX 19 - mg/L
C - No Discharge

Reg Mon DAILY MX 25 - mL/L
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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

GHGSMITHOXBOW
Douglas Smith
doug.smith@oxbow.com
2019-07-01 09:03 (Time Zone: -06:00)

GHGSMITHOXBOW
Douglas Smith

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

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

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

Permitted Feature: 009 External Outfall

Discharge: 009-A
SURF RUNOFF TO N FK GUNIS RIVER

Report Dates & Status

Monitoring Period: From 06/01/19 to 06/30/19

DMR Due Date: 07/28/19

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 RQMNNTS.TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IF 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:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Quantity or Concentration	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																	
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
00530 Solids, total suspended		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
00545 Solids, settleable		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
00560 Oil and grease		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
50950 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
70295 Solids, total dissolved		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
84095 Oil and grease visual		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
		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: 2019-07-01 09:02 (Time Zone: -06:00)
Report Last Signed By: GHGSMITHOXBOW
User: Douglas Smith

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

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

Permitted Feature:

010
External Outfall

Discharge: 010-A
SEDIMENT POND TO SANBORN CREEK

Report Dates & Status

Monitoring Period: From 06/01/19 to 06/30/19

DMR Due Date: 07/29/19

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 REPRD.

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	Sample	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quantity or Concentration	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400-PH		1 - Effluent Gross	0	-	Permit Req. Value NODI			>=	6.5 MINIMUM C - No Discharge							<=	9 MAXIMUM C - No Discharge		12 - SU	01/30 - Monthly	IS - INSTTU	
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			<=	3500 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	-	Permit Req. Value NODI			<=	3500 30DA AVG C - No Discharge							<=	7000 DAILY MX C - No Discharge		28 - ug/L	01/30 - Monthly	GR - GRAB	
03592 Oil and grease		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=								<=	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 30DA AVG C - No Discharge											01/30 - Monthly	IN - INSTVN	
70295 Solids, total dissolved		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge											01/90 - Quarterly	GR - GRAB	
84050 Oil and grease visual		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon INST MAX gp - N=0-Y=1 C - No Discharge											01/30 - Monthly	V - 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:

2019-07-01 09:02 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

DMR Copy of Record

Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC
 Major: No Permittee Address: PO Box 535
 Somerset, CO 81434-0535 Facility Location: SANBORN CRK & ELK CRK MINES
 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 06/07/13 to 06/30/19 DMR Due Date: 07/28/19 Status: NeDMR 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, P.4.5, AND I.A.2, P.5 FOR RQMN.TS.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 (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Quantity of Concentration	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	-	Sample Permit Rec. Value NOD																	
00500 Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Rec. Value NOD																	
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Rec. Value NOD																	
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Rec. Value NOD																	
03552 Oil and grease	1 - Effluent Gross	0	-	Sample Permit Rec. Value NOD																	
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Rec. Value NOD																	
70205 Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Rec. Value NOD																	
84065 Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Rec. Value NOD																	

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

Name: GHGSMITHOXBOW
 Douglas Smith
 E-Mail: doug.smith@oxbow.com
 Date/Time: 2019-07-01 09:01 (Time Zone: -06:00)
 Report Last Signed By: GHGSMITHOXBOW
 Douglas Smith

DMR Copy of Record

Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC Facility: SANBORN CRK & ELK CRK MINES
 Major: No Permittee Address: PO Box 535 Somerset, CO 81424-0535 Facility Location: 3737 HIGHWAY 133 SOMERSET, CO 81424

Permitted Feature: 013 External Cutoff Discharge: 013-A RUNOFF TO N FORK GUNNISON R.

Report Dates & Status Monitoring Period: From 06/01/19 to 06/30/19 DMR Due Date: 07/28/19 Status: Need MMR 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, P.4-5, AND I.A.2, P.5 FOR RQMTS. TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

First Name: MIKE Title: PRESIDENT Telephone: 970-929-5122
 Last Name: LUDLOW

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Sample	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality or Concentration	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 PH	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD																01/20 - Monthly	IS - INSTU
00500 Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD																01/20 - Monthly	GR - GRA8
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD																01/20 - Monthly	GR - GRA8
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD																01/20 - Monthly	GR - GRA8
03582 Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD																7777 - Contingent	GR - GRA8
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD																01/20 - Monthly	IN - INSTAN
70295 Solids, total dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD																01/20 - Quarterly	GR - GRA8
84036 Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD																01/20 - 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:

GHGSMTHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-07-01 09:01 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMTHOXBOW

Name:

Douglas Smith

DMR Copy of Record

Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC
 Major: No Permittee Address: PO Box 535
 Somerset, CO 81424-0535 Facility Location: SANBORN CRK & ELK CRK MINES
 3737 HIGHWAY 133
 SOMERSET, CO 81424

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

Report Dates & Status

Monitoring Period: From 06/01/19 to 06/30/19 DMR Due Date: 07/28/19 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 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:

Code	Parameter Name	Monitoring Location	Season & Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity of Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quantity or Concentration	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																	
00530 Solids, total suspended		1 - Effluent Gross	0	--																	
				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																	
01045 Iron, total [as Fe]		1 - Effluent Gross	0	--																	
				Sample Permit Req. Value NODI																	
				Sample Permit Req. Value NODI																	
00562 Oil and grease		1 - Effluent Gross	0	--																	
				Sample Permit Req. Value NODI																	
				Sample Permit Req. Value NODI																	
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--																	
				Sample Permit Req. Value NODI																	
				Sample Permit Req. Value NODI																	
70295 Solids, total dissolved		1 - Effluent Gross	0	--																	
				Sample Permit Req. Value NODI																	
				Sample Permit Req. Value NODI																	
84050 Oil and grease visual		1 - Effluent Gross	0	--																	
				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: 2019-07-01 09:00 (Time Zone: -06:00)
 Report Last Signed By
 User: GHGSMITHOXBOW
 Name: Douglas Smith

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: 015 External Outfall Discharge: 015-A DISCHARGE TO ELK CREEK

Report Dates & Status: Monitoring Period: From 06/01/19 to 06/30/19 DMR Due Date: 07/28/19 Status: NEDMR 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: MIKE LUDLOW Title: PRESIDENT Telephone: 970-929-5122

No Data Indicator (NOD) Form NOD: --

Code	Parameter Name	Monitoring Location Season # Param. NOD	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
			Quarter 1 Value 1	Quarter 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3			
00400 PH	1 - Effluent Gross	0				>=	6.5 MINIMUM C - No Discharge			12 - SU	01/20 - Monthly IS - INSTU
00530 Solids, total suspended	1 - Effluent Gross	0				<=	35 30DA AVG C - No Discharge			19 - mg/L	01/20 - Monthly GR - GRA8
01045 Iron, total [as Fe]	1 - Effluent Gross	0				<=	3000 30DA AVG C - No Discharge			28 - ug/L	01/20 - Monthly GR - GRA8
03582 Oil and grease	1 - Effluent Gross	0				<=	10 INST MAX C - No Discharge			19 - mg/L	7/77 - Contingent GR - GRA8
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0					Req Mon 30DA AVG C - No Discharge			01/20 - Monthly IN - INSTAN	
70295 Solids, total dissolved	1 - Effluent Gross	0					Req Mon QRTTR AVG C - No Discharge			01/20 - Quarterly GR - GRA8	
84065 Oil and grease visual	1 - Effluent Gross	0					Req Mon INST MAX 9P - N=Q=Y=1 C - No Discharge			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:

2019-07-01 09:00 (Time Zone: -06:00)

Report Last Signed By

GHGSMITHOXBOW

User:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-07-01 09:03 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC Facility: SANBORN CRK & ELK CRK MINES
 Major: No Permittee Address: PO Box 535 3737 HIGHWAY 133
 Somerset, CO 81434-0535 SOMERSET, CO 81434

Permitted Feature: 015 External Outfall Discharge: 015-W ACUTE WET TESTING FOR 015A

Report Dates & Status Monitoring Period: From 04/07/19 to 06/30/19 DMR Due Date: 07/28/19 Status: NetDMR Validated

Considerations for Form Completion SEE I.A.4, PP 5-6 FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL PINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

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	Sample Permit Rec. Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	# of Ex. Frequency of Analysis Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Sample Type
TAN6C	LC50 State 99% Acute Pinnaphiles 1 - Effluent Gross	0	--	>=	100 MIN VALUE C - No Discharge	23 - %	01/90 - Quarterly	GR - GRAB

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:

GHGSMTIHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-07-01 08:59 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMTIHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-07-01 09:03 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC
 Major: No Permittee Address: PO Box 535
 Somers, CO 81434-0535 Facility Location: SANBORN CRK & ELK CRK MINES
 3737 HIGHWAY 133
 SOMERSET, CO 81434

Permitted Feature: 016 External Outfall Discharge: 016-A SURFACE RUNOFF TO ELK CREEK

Report Dates & Status

Monitoring Period: From 06/01/19 to 06/30/19 DMR Due Date: 07/28/19 Status: NetDMR Validated

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 RQMNTS. TDS MONITORING-SEE PART VI.A.2.9 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)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Quantity or Concentration	Qualifier 2	Value 2	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													07/30 - Monthly	IS - INSTU	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													07/30 - Monthly	GR - GRA8	
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													07/30 - Monthly	GR - GRA8	
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													07/30 - Monthly	GR - GRA8	
03592	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													7/7/7 - Contingent	GR - GRA8	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													07/30 - Monthly	IN - INSTAN	
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													07/30 - Quarterly	GR - GRA8	
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													07/30 - 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:

2019-07-01 08:59 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

DMR Copy of Record

Permit

Permit #: C00000132 Permittee: Oxbow Mining LLC
 Major: No Permittee Address: PO Box 535
 Somerset, CO 81434-0535 Facility Location: SANBORN CRK & ELK CRK MINES
 3737 HIGHWAY 133
 SOMERSET, CO 81434

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

Report Dates & Status Monitoring Period: From 06/01/19 to 06/30/19 DMR Due Date: 07/28/19 Status: NeedMR 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. 9 FOR ROMNTS. 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: 970-923-5122

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Sample	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quantity or Concentration	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 PH	1 - Effluent Gross	0	-	-	Permit Req. Value NOD			>=						6.5 MINIMUM		<=	9 MAXIMUM	12 - SU		07/30 - Monthly	IS - INSTU	
00530 Solids, total suspended	1 - Effluent Gross	0	-	-	Permit Req. Value NOD									C - No Discharge			C - No Discharge					
00545 Solids, settleable	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD			<=						35 30DA AVG		<=	70 DAILY MX	19 - mPL		07/30 - Monthly	GR - GRA8	
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD									C - No Discharge			Req Mon DAILY MX 25 - mL/C			07/30 - Monthly	GR - GRA8	
00562 Oil and grease	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD			<=						3000 30DA AVG		<=	6000 DAILY MX	28 - uPL		07/30 - Monthly	GR - GRA8	
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD									C - No Discharge		<=	10 INST MAX	19 - mPL		7/7/7 - Contingent	GR - GRA8	
70235 Solids, total dissolved	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD									Req Mon 30DA AVG			Req Mon DAILY MX 03 - MGD			07/30 - Monthly	IN - INSTAN	
84050 Oil and grease visual	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD									C - No Discharge			Req Mon DAILY MX 19 - mPL			07/30 - Quarterly	GR - GRA8	
														C - No Discharge			Req Mon INST MAX 9P - N=O/V=1			07/30 - 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:

2019-07-01 08:58 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

DMR Copy of Record

Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC
 Major: No Permittee Address: PO Box 535
 Somerset, CO 81424-0535 Facility: SANBORN CRK & ELK CRK MINES
 3737 HIGHWAY 123
 SOMERSET, CO 81424

Permitted Feature: 019 External Outfall Discharge: 019-A SURFACE RUNOFF TO HUBBARD CRK

Report Dates & Status

Monitoring Period: From 06/01/19 to 06/30/19 DMR Due Date: 07/28/19 Status: NetDMR Validated

Considerations for Form Completion
 TSS & TOTAL ION LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10.24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, PP 4.5, AND I.A.2, P 5 FOR ROWMNTS 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 (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Quantity or Loading			Quantity 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 NOD									IS - INSTITU
00500 Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									GR - GRAB
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									GR - GRAB
03582 Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									GR - GRAB
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									IN - INSTANT
70205 Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									GR - GRAB
84036 Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD									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: 2019-07-01 08:57 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
 Name: Douglas Smith