



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, Aug 5, 2019 at 10:22 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 July 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



20190801 July DMR's to CDRMS.pdf
3946K

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

Report Dates & Status

Monitoring Period: From 07/01/19 to 07/31/19 DMR Due Date: 08/28/19 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 RAINFALL TDS MONITORING-SEE PART VI.A.2.6 OF RATIONALE. 30 DAY AVG. IS 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:

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																	
				Sample																	
				Permit Req. Value NODI																	
00550 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																	
00560 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																	
84050 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: GHGSMITHOXBOW

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-08-05 09:04 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-08-05 09:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

Permittee: Oxbow Mining LLC
Permittee Address: PO Box 535
Somerset, CO 81434-0535
Facility Location: SANBORN CRK & ELK CRK MINES
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 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

Status: NoDMR 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 RQAMTS, TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE, 30 DAY AVG, IF HIGHEST MONTHLY AVG, DURING PERIOD REPORT.

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	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 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							
03650 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							
64060 Oil and grease visual	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI							
	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI							

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

28 - ug/L
C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

19 - mg/L
C - No Discharge

7777 - Contingent
C - No Discharge

GR - GRAB

GR - GRAB

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

28 - ug/L
C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

19 - mg/L
C - No Discharge

7777 - Contingent
C - No Discharge

GR - GRAB

GR - GRAB

GR - GRAB

GR - GRAB

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

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C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

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C - No Discharge

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C - No Discharge

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GR - GRAB

GR - GRAB

GR - GRAB

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Req Mon DAILY MAX 03 - MGD
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Req Mon INST MAX 9P - N=0Y=1
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35 30DA AVG
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70 DAILY MAX
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C - No Discharge

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Req Mon 30DA AVG
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Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
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35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

28 - ug/L
C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

19 - mg/L
C - No Discharge

7777 - Contingent
C - No Discharge

GR - GRAB

GR - GRAB

GR - GRAB

GR - GRAB

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

28 - ug/L
C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

19 - mg/L
C - No Discharge

7777 - Contingent
C - No Discharge

GR - GRAB

GR - GRAB

GR - GRAB

GR - GRAB

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

28 - ug/L
C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

19 - mg/L
C - No Discharge

7777 - Contingent
C - No Discharge

GR - GRAB

GR - GRAB

GR - GRAB

GR - GRAB

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

28 - ug/L
C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

19 - mg/L
C - No Discharge

7777 - Contingent
C - No Discharge

GR - GRAB

GR - GRAB

GR - GRAB

GR - GRAB

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

28 - ug/L
C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

19 - mg/L
C - No Discharge

7777 - Contingent
C - No Discharge

GR - GRAB

GR - GRAB

GR - GRAB

GR - GRAB

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

28 - ug/L
C - No Discharge

GR - GRAB

GR - GRAB

10 INST MAX
C - No Discharge

19 - mg/L
C - No Discharge

7777 - Contingent
C - No Discharge

GR - GRAB

GR - GRAB

GR - GRAB

GR - GRAB

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
C - No Discharge

6.5 MINIMUM
C - No Discharge

35 30DA AVG
C - No Discharge

70 DAILY MAX
C - No Discharge

12 - SU
C - No Discharge

IS - INSTITU

3500 30DA AVG
C - No Discharge

7000 DAILY MAX
C - No Discharge

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

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

Permitted Feature:

010
External Outfall
Discharge: 010A
SEDIMENT POND TO SANBORN CREEK

Report Dates & Status

Monitoring Period: From 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

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 RQMNITS TDS MONITORING-SEE PART VIA.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

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	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	--															01/30 - Monthly	IS - INSTU	
00530 Solids, total suspended		1 - Effluent Gross	0	--															01/30 - Monthly	GR - GRAB	
00545 Solids, settleable		1 - Effluent Gross	0	--															01/30 - Monthly	GR - GRAB	
01045 Iron, total (as Fe)		1 - Effluent Gross	0	--															01/30 - Monthly	GR - GRAB	
00580 Oil and grease		1 - Effluent Gross	0	--															01/30 - Monthly	GR - GRAB	
50950 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--															01/30 - Monthly	IN - INSTAN	
84080 Oil and grease visual		1 - Effluent Gross	0	--															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:

Name: GHGSMITHOXBOW
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-08-05 09:03 (Time Zone: -06:00)

Report Last Signed By

User:

Name: GHGSMITHOXBOW
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-08-05 09:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: C00000132
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: 012
External Outfall

Discharge: 012-A
SEDIMENT POND TO ELK CREEK

Report Dates & Status

Monitoring Period: From 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

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 RQMNITS TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTO.

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.	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	--	Sample Permit Req.			>=				6.5 MINIMUM				<=	9 MAXIMUM		12 - SU	0130 - Monthly	IS - INSTU
	1 - Effluent Gross	0	--	Sample Permit Req.							C - No Discharge					C - No Discharge				
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.			<=				35 30DA AVG				<=	70 DAILY MX		19 - mg/L	0130 - Monthly	GR - GRAB
	1 - Effluent Gross	0	--	Sample Permit Req.							C - No Discharge					Reg Mon 30DA AVG				
00545 Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req.			<=				300 30DA AVG				<=	Reg Mon DAILY MX 25 - mL/L			0130 - Monthly	GR - GRAB
	1 - Effluent Gross	0	--	Sample Permit Req.							C - No Discharge					6000 DAILY MX		28 - ug/L	0130 - Monthly	GR - GRAB
01045 Iron, total (as Fe)	1 - Effluent Gross	0	--	Sample Permit Req.			<=				10 INST MAX				<=	19 - mg/L			7777 - Contingent	GR - GRAB
	1 - Effluent Gross	0	--	Sample Permit Req.							C - No Discharge									
03552 Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.			<=				Reg Mon 30DA AVG					Reg Mon INST MAX SP - N=O.Y=1			0130 - Monthly	IN - INSTAN
	1 - Effluent Gross	0	--	Sample Permit Req.							C - No Discharge									
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.							Reg Mon 30DA AVG					Reg Mon INST MAX SP - N=O.Y=1			0130 - Monthly	VI - VISUAL
	1 - Effluent Gross	0	--	Sample Permit Req.							C - No Discharge									
84060 Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req.							Reg Mon 30DA AVG					Reg Mon INST MAX SP - N=O.Y=1			0130 - Monthly	VI - VISUAL
	1 - Effluent Gross	0	--	Sample Permit Req.							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: 2019-08-05 09:00 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-08-05 09:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

Permittee: Oxbow Mining LLC
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 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

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 COMMENTS. TSS MONITORING-SEE PART VIA.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

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quantity 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	Qualifier 3	Value 3	Units	
0040	pH	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
		1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
0050	Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
		1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
0054	Solids, settleable	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
		1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
0104	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
		1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
0250	Oil and grease	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
		1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
5050	Flow in conduit of this treatment plant	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
		1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
6400	Oil and grease visual	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI														
		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: GHGSMITHOXBOW

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-08-05 08:34 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-08-05 08:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132

Major: No

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

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

Permitted Feature:

014 External Outfall

Discharge: 014A
SURF RUNOFF TO N FK GUNNISON R

Report Dates & Status

Monitoring Period: From 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

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, PP 4.5, AND I.A.2, P. 5 FOR RQMNTS.TDS MONITORING-SEE PART VIA.2.6 OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRPT.

Principal Executive Officer

First Name: MIKE

Last Name: LUDLOW

Title: PRESIDENT

Telephone: 970-923-5122

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	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																	
00550 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																	
03550 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:

2019-08-05 08:34 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-08-05 09:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: C00000132
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 Features:

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

Report Dates & Status

Monitoring Period: From 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

Status: NEIDMR 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: 970-929-5122

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location Season & Param. NODI	Quantity of Loading		Units	Quality or Concentration			# of Ex. Frequency of Analysis Sample Type	
			Quarter 1	Value 1		Quarter 2	Value 2	Quarter 3		Value 3
00400 pH	1 - Effluent Gross	0	--	--	--	6.5 MINIMUM	--	9 MAXIMUM	0130 - Monthly	IS - INSTU
00530 Solids, total suspended	Sample	Permit Req. Value NODI	C - No Discharge			--	C - No Discharge	12 - SU	0130 - Monthly	GR - GRAB
	1 - Effluent Gross	0	--	--	--	35 30DA AVG	--	70 MX 7D AV		
01045 Iron, total [as Fe]	Sample	Permit Req. Value NODI	C - No Discharge			--	C - No Discharge	19 - mg/L	0130 - Monthly	GR - GRAB
	1 - Effluent Gross	0	--	--	--	3000 30DA AVG	--	6000 DAILY MX 28 - ug/L		
02552 Oil and grease	Sample	Permit Req. Value NODI	C - No Discharge			--	C - No Discharge	10 INST MAX	7777 - Contingent	GR - GRAB
	1 - Effluent Gross	0	--	--	--	19 - mg/L	--	C - No Discharge		
50050 Flow, in conduit or thru treatment plant	Sample	Permit Req. Value NODI	Req Mon 30DA AVG			--	Req Mon DAILY MX 03 - MGD	0130 - Monthly	IN - INSTAN	VI - VISUAL
	1 - Effluent Gross	0	--	--	--	C - No Discharge	--	0130 - Monthly		
84006 Oil and grease visual	Sample	Permit Req. Value NODI	Req Mon 30DA AVG			--	Req Mon INST MAX 3P - N=QY=1	0107 - Weekly	VI - VISUAL	VI - VISUAL
	1 - Effluent Gross	0	--	--	--	C - No Discharge	--	0107 - Weekly		

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: 2019-08-05 08:33 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-08-05 09:10 (Time Zone: -06:00)

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:

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

Report Dates & Status

Monitoring Period: From 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

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 RQMNITS. TDS MONITORINGS-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.

Principal Executive Officer

First Name: MIKE
Last Name: LUDLOW

Title: PRESIDENT

Telephone: 970-929-5122

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																
									</											

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Tracking, 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: 2019-08-05 08:33 (Time Zone: -06:00)

Report Last Signed By

GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-08-05 09:10 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

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

Facility: SANBORN CRK & ELK CRK MINES
Facility Location: 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 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

Status: 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 RQAMTS. TDS MONITORING -SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD

Principal Executive Officer

First Name: MIKE
Last Name: LUDLOW

Title: PRESIDENT

Telephone: 970-929-5122

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 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 PH	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0190	Monthly	IS - INSTITU
00330 Solids, total suspended	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0190	Monthly	GR - GRAB
00340 Solids, settleable	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0190	Monthly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0190	Monthly	GR - GRAB
03550 Oil and grease	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0190	Monthly	GR - GRAB
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0190	Monthly	GR - GRAB
84060 Oil and grease visual	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0190	Monthly	GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Tracking, 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: 2019-08-05 08:32 (Time Zone: -06:00)

Report Last Signed By

GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-08-05 09:10 (Time Zone: -06:00)

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:

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

Report Dates & Status

Monitoring Period: From 07/01/19 to 07/31/19

DMR Due Date: 08/28/19

Status: NECDMR Validated

Considerations for Form Completion

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT 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 RQMNTS.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 (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	>=	6.5 MINIMUM	C - No Discharge			<=	9 MAXIMUM	C - No Discharge		12 - SU	0190 - Monthly	IS - INSTITU			
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	35 300A AVG	C - No Discharge			<=	70 MX 7D AV	C - No Discharge		19 - mg/L	0190 - Monthly	GR - GRAB			
00545 Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	3000 300A AVG	C - No Discharge			<=	6000 DAILY MX	C - No Discharge		28 - ug/L	0190 - Monthly	GR - GRAB			
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	10 INST MAX	C - No Discharge			<=	19 - mg/L	7777 - Contingent			GR - GRAB				
03550 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															

Req Mon 300A AVG
C - No Discharge

Req Mon DAILY MX 03 - MOD
C - No Discharge

Req Mon INST MAX 9P - N=0Y=1
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:

2019-08-05 08:31 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-08-05 09:10 (Time Zone: -06:00)