



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>

Tue, Oct 2, 2018 at 11:33 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 September 2018. (There was no discharge) Oxbow has submitted these to the CDPHE electronically. No hard copy will follow, but copies will be made and kept with the Elk Creek Mine Records.

Per your request, all DMR's have been scanned and are attached.

Any questions or concerns, please contact me.

Doug Smith

(970)929-6034



20181001 September DMR's to CDRMS.pdf
4457K

DMR Copy of Record

Permit		Permit #: C00000132		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: 007 External Outfall		Discharge: 007-A SEDIMENT POND TO HUBBARD CREEK					
Report Dates & Status		Monitoring Period: From 09/01/18 to 09/30/18		DMR Due Date: 10/26/18		Status: NetDMR Validated	
<p>Considerations for Form Completion</p> <p>TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR 24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, PP 4,5, AND I.A.2, P. 5 FOR RQMNTS TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPORT.</p> <p>Principal Executive Officer</p>							
First Name: Mike		Last Name: Ludlow		Title: President		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	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 NOD																	
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD																	
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD																	
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD																	
03592 Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD																	
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD																	
70235 Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD																	
84096 Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD																	

Reg Mon 30DA AVG C - No Discharge

Reg Mon INST MAX 9P - N=CY<=1

Reg Mon 30DA AVG C - No Discharge

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

Reg Mon DAILY MX 25 - mg/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 19 - mg/L C - No Discharge

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

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

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

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

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

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

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

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

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

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

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-10-02 09:23 (Time Zone: -06:00)

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith

Attachments
No attachments.

Report Last Saved By
Oxbow Mining LLC

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-10-02 09:23 (Time Zone: -06:00)

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith

Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith

DMR Copy of Record

Permit

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

Permitted Feature: 009 External Outfall Discharge: 009A SURE RUNOFF TO N FK GUNIS RVR

Report Dates & Status: Monitoring Period: From 09/01/18 to 09/30/18 DMR Due Date: 10/28/18 Status: 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 ROMANTS 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 Title: President Telephone: 970-929-5122

Last Name: Ludlow

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 Ec. 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																
03562 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																
70255 Solids, total dissolved		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																
84065 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: GHGSMTHOXBOW

Name: Douglas Smith E-Mail: doug.smith@oxbow.com Date/Time: 2018-10-02 09:26 (Time Zone: -06:00)

Report Last Signed By: GHGSMTHOXBOW User: Douglas Smith Name: Douglas Smith

DMR Copy of Record

Permit		Permit #: C00000132		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: 010A SEDIMENT POND TO SANBORN CREEK					
Report Dates & Status		Monitoring Period: From 09/01/18 to 09/30/18		DMR Due Date: 10/28/18		Status: NetDMR Validated	
<p>Considerations for Form Completion</p> <p>TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR 24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, PP 4.5, AND I.A.2, P. 5 FOR RQMNTS TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.</p> <p>Principal Executive Officer</p>							
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	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 NOD															
	00500 Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD															
	00545 Solids, settleable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD															
	01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD															
	03592 Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD															
	50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD															
	70205 Solids, total dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD															
	84056 Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req. Value NOD															

Submission Note
If a parameter row does not contain any values for the Sample not 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: 2018-10-02 09:39 (Time Zone: -06:00)
Report Last Signed By
User: GHGSMITHOXBOW
Name: Douglas Smith

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

Permittee: Oxbow Mining LLC
Permittee Address: PO Box 535
Someset, CO 81424-0535

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

Permitted Feature: 014
External Outfall

Discharge: 014A
SURF RUNOFF TO N FK GUNNISON R

Report Dates & Status: From 09/01/18 to 09/30/18

DMR Due Date: 10/28/18

Status: NoDMR Validated

Monitoring Period:

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LIMIT MAY BE 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 REPRTD.

Principal Executive Officer

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

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Sample Permit Req. Value NOD	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 NOD																	
00500 Solids, total suspended	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD																	
00545 Solids, settleable	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD																	
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD																	
03582 Oil and grease	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD																	
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD																	
70285 Solids, total dissolved	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD																	
84066 Oil and grease visual	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NOD																	

Reg Mon 30DA AVG

C - No Discharge

Reg Mon DAILY MX 03 - MGD

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

C - No Discharge

Reg Mon DAILY MX 19 - mg/L

C - No Discharge

Reg Mon INST MAX 9P - N=0,Y=1

C - No Discharge

Reg Mon CRTX AVG

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: 2018-10-02 09:41 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

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:

015
External Outfall

Discharge:

015A
DISCHARGE TO ELK CREEK

Report Dates & Status

Monitoring Period: From 09/01/18 to 09/30/18

DMR Due Date:

10/28/18

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

First Name:

Mike

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						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1				Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units
00400 pH		1 - Effluent Gross	0	-															
	Sample Permit Req. Value NOD																		
00530 Solids, total suspended		1 - Effluent Gross	0	-															
	Sample Permit Req. Value NOD																		
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-															
	Sample Permit Req. Value NOD																		
03582 Oil and grease		1 - Effluent Gross	0	-															
	Sample Permit Req. Value NOD																		
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-															
	Sample Permit Req. Value NOD																		
70295 Solids, total dissolved		1 - Effluent Gross	0	-															
	Sample Permit Req. Value NOD																		
84080 Oil and grease visual		1 - Effluent Gross	0	-															
	Sample Permit Req. Value NOD																		

Req Mon 30DA AVG
C - No Discharge

Req Mon DAILY MAX 03 - MGD
C - No Discharge

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

Req Mon CRTS AVG
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 28 - ug/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

Req Mon DAILY MAX 19 - mg/L
C - No Discharge

Req Mon INST MAX 19 - mg/L
C - No Discharge

0107 - Weekly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

0190 - Quarterly

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:

2018-10-02 09:41 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

DMR Copy of Record

Permit

Permit #: CO0000132 Permittee: Oxbow Mining LLC Facility: SANBORN CRK & ELK CRK MINES

Major: No Permittee Address: PO Box 535
Somerse, CO 81434-0535 Facility Location: 3737 HIGHWAY 133
SOMERSET, CO 81434

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

Report Dates & Status Monitoring Period: From 07/01/18 to 09/30/18 DMR Due Date: 10/28/18 Status: NoDMR Validated

Considerations for Form Completion SEE 1.A.4.A, 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 Telephone: 970-929-5122

Last Name: Ludlow No Data Indicator (NODI) Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1	Quality or Concentration Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units	# of Ex. Frequency of Analysis Sample Type
TANC	LC50 Statte 96hr Acute Pinophiles	1 - Effluent Cross	0	--		>=	100 MN VALUE C - No Discharge	23 - % 0190 - 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: GHGSMITHOXBOW Name: Douglas Smith E-Mail: doug.smith@oxbow.com Date/Time: 2018-10-02 09:42 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW Name: Douglas Smith E-Mail: doug.smith@oxbow.com Date/Time: 2018-10-02 09:48 (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 Features:

017
External Outfall

Discharge:

017-A
SURF RUNOFF TO N. FK GUNIS RIV

Report Dates & Status

Monitoring Period: **From 09/01/18 to 09/30/18**

DMR Due Date:

10/28/18

Status:

NotDMR 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 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**
Last Name: **Ludlow**

Title:

President

Telephone:

970-929-5122

No Data Indicator (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	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 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																	
03582 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																	
70285 Solids, total dissolved		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI																	
84065 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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

