



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 1, 2019 at 11:50 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 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



20191001 September DMR's to CDRMS.pdf
4433K

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0000132	Oxbow Mining LLC		SANDHORN CRK & ELK CRK MINES	
Major:	No	Permittee Address:		3737 HIGHWAY 133	
		SOMERSET, CO 81434-0535		SOMERSET, CO 81434	
Permitted Feature:		Discharge:		Facility Location:	
	007 External Outfall	007A SEDIMENT POND TO HUBBARD CREEK			
Report Dates & Status		DMR Due Date:		Status:	
Monitoring Period: From 09/01/19 to 09/30/19		10/28/19		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 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	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 Exc.	Frequency of Analysis	Sample Type
00400 PH		1 - Effluent Cross	0	-																	
	Sample	Permit Req.																			
	Value NODI																				
00530 Solids, total suspended		1 - Effluent Cross	0	-																	
	Sample	Permit Req.																			
	Value NODI																				
00545 Solids, settleable		1 - Effluent Cross	0	-																	
	Sample	Permit Req.																			
	Value NODI																				
01045 Iron, total [as Fe]		1 - Effluent Cross	0	-																	
	Sample	Permit Req.																			
	Value NODI																				
00562 Oil and grease		1 - Effluent Cross	0	-																	
	Sample	Permit Req.																			
	Value NODI																				
50050 Flow, in conduit or thru treatment plant		1 - Effluent Cross	0	-																	
	Sample	Permit Req.																			
	Value NODI																				
70295 Solids, total dissolved		1 - Effluent Cross	0	-																	
	Sample	Permit Req.																			
	Value NODI																				
84065 Oil and grease visual		1 - Effluent Cross	0	-																	
	Sample	Permit Req.																			
	Value NODI																				

Req Mon 30DA 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: 2019-10-01 09:08 (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 Somerset, CO 81434-0535		Facility Location: 3737 HIGHWAY 133 SOMERSET, CO 81434			
Permitted Feature: 009 External Outfall		Discharge: 009-A SURF RUNOFF TO N FK GUNIS RIVER					
Report Dates & Status		Monitoring Period: From 09/01/19 to 09/30/19		DMR Due Date: 10/28/19		Status: Not DMR Validated	
<p>Considerations for Form Completion</p> <p>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. TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.</p>							
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 Rec. 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 Cross	0	--																			
00530	Solids, total suspended	1 - Effluent Cross	0	--																			
00545	Solids, settleable	1 - Effluent Cross	0	--																			
01045	Iron, total [as Fe]	1 - Effluent Cross	0	--																			
02592	Oil and grease	1 - Effluent Cross	0	--																			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Cross	0	--																			
70295	Solids, total dissolved	1 - Effluent Cross	0	--																			
84050	Oil and grease, visual	1 - Effluent Cross	0	--																			

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

Edits 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: 2019-10-01 09:07 (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: 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 09/01/19 to 09/30/19 DMR Due Date: 10/26/19 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 RQMN'S TDS MONITORING. SEE PART VI.A.2.6 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 or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quantity or Concentration	Qualifier 3	Value 3	Units	# of Ec. Frequency of Analysis	Sample Type
00400 PH		1 - Effluent Gross	0	-																	
		Sample Permit Req. Value NODI																			
00530 Solids, total suspended		1 - Effluent Gross	0	-																	
		Sample Permit Req. Value NODI																			
00545 Solids, settleable		1 - Effluent Gross	0	-																	
		Sample Permit Req. Value NODI																			
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-																	
		Sample Permit Req. Value NODI																			
03582 Oil and grease		1 - Effluent Gross	0	-																	
		Sample Permit Req. Value NODI																			
50005 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-																	
		Sample Permit Req. Value NODI																			
		Req Mon 30DA AVG C - No Discharge																			
		Req Mon DAILY MX 03 - WGD C - No Discharge																			
70295 Solids, total dissolved		1 - Effluent Gross	0	-																	
		Sample Permit Req. Value NODI																			
		Req Mon 30DA AVG C - No Discharge																			
		Req Mon DAILY MX 19 - mg/L C - No Discharge																			
84085 Oil and grease visual		1 - Effluent Gross	0	-																	
		Sample Permit Req. Value NODI																			
		Req Mon INST MAX gp - N=O/Y=1 C - No Discharge																			

DMR Copy of Record

Permit		Permit #: CO0000132	Permittee: Oxbow Mining LLC	Facility: SANBORN CRK & ELK CRK MINES
Major: No		Permittee Address: PO Box 535 Somerest, CO 81434-0535	Facility Location: 3737 HIGHWAY 133 SOMERSET, CO 81434	
Permitted Feature: 012 External Outfall		Discharge: 012A SEDIMENT POND TO ELK CREEK		
Report Dates & Status		Monitoring Period: From 09/01/19 to 09/30/19	DMR Due Date: 10/28/19	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 RQMNTS, TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPORTD.				
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	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	
00400 PH	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI						
00530 Solids, total suspended	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI						
00545 Solids, settleable	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI						
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI						
02562 Oil and grease	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI						
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI						
70295 Solids, total dissolved	1 - Effluent Gross	0	-	-	Sample Permit Req. Value NODI						
84085 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: GHGSMTHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-10-01 09:06 (Time Zone: -05:00)
Report Last Signed By
User: GHGSMTHOXBOW
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:

013 External Outfall Discharge: 013A RUNOFF TO N FORK GUNNISON R.

Report Dates & Status

Monitoring Period: From 09/01/19 to 09/30/19 DMR Due Date: 10/28/19 Status: NECDMR 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 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	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 Cross	0	--																01/30 - Monthly	IS - INSTU
00530 Solids, total suspended		1 - Effluent Cross	0	--																01/30 - Monthly	GR - GRA8
00545 Solids, settleable		1 - Effluent Cross	0	--																01/30 - Monthly	GR - GRA8
01045 Iron, total [as Fe]		1 - Effluent Cross	0	--																01/30 - Monthly	GR - GRA8
02562 Oil and grease		1 - Effluent Cross	0	--																01/30 - Monthly	GR - GRA8
50030 Flow, in conduit or thru treatment plant		1 - Effluent Cross	0	--																01/30 - Monthly	IN - INSTAN
70295 Solids, total dissolved		1 - Effluent Cross	0	--																01/30 - Monthly	GR - GRA8
84085 Oil and grease visual		1 - Effluent Cross	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: 2019-10-01 09:06 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-10-01 09:06 (Time Zone: -06:00)

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: 3727 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 09/01/19 to 09/30/19

DMR Due Date:

10/28/19

Status:

NetDMR Validated

Considerations for Form Completion

TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LIMIT MAY BE WAIVED 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 RQAINTS.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:

Monitoring Location Season # Param. NOD1					Quantity or Loading										Quality or Concentration										# of Ex. Frequency of Analysis Sample Type	
Code	Parameter Name				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	-						>=	6.5 MINIMUM C - No Discharge			<=	9 MAXIMUM C - No Discharge	12 - SU	01/20 - Monthly	IS - INSTU								
00530 Solids, total suspended		1 - Effluent Gross	0	-																						
	Sample Permit Req. Value NOD1									<=	35 300A AVG C - No Discharge			<=	20 DAILY MX C - No Discharge	19 - m/L	01/20 - Monthly	GR - GRA8								
00545 Solids, settleable		1 - Effluent Gross	0	-																						
	Sample Permit Req. Value NOD1																									
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-																						
	Sample Permit Req. Value NOD1									<=	3000 300A AVG C - No Discharge			<=	6000 DAILY MX C - No Discharge	28 - u/L	01/20 - Monthly	GR - GRA8								
02592 Oil and Grease		1 - Effluent Gross	0	-																						
	Sample Permit Req. Value NOD1																									
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-																						
	Sample Permit Req. Value NOD1																									
70295 Solids, total dissolved		1 - Effluent Gross	0	-																						
	Sample Permit Req. Value NOD1																									
84086 Oil and Grease visual		1 - Effluent Gross	0	-																						
	Sample Permit Req. Value NOD1																									

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: 2019-10-01 08:05 (Time Zone: -06:00)

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-10-01 08:05 (Time Zone: -06:00)

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-10-01 08:05 (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
Somerset, CO 81424-0535

Facility: SANBORN CRK & ELK CRK MINES
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 09/01/19 to 09/30/19

DMR Due Date: 10/28/19

Status: NetDMR Validated

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

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. MOD	Quantity of Loading				Quality of 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					>=	6.5 MINIMUM				9 MAXIMUM	12 - SU	01/20 - Monthly	IS - INSTU	
00530 Solids, total suspended					Permit Req.						C - No Discharge					C - No Discharge			
		1 - Effluent Gross	0	-	Sample										35 30DA AVG	70 MX TD AV	19 - mg/L	01/20 - Monthly	GR - GRA8
					Permit Req.							C - No Discharge				C - No Discharge			
01045 Iron, total [as Fe]					Value MOD														
		1 - Effluent Gross	0	-	Sample														
					Permit Req.							<=				3000 30DA AVG	6000 DAILY MX	28 - ug/L	01/20 - Monthly
02562 Oil and grease					Value MOD														
		1 - Effluent Gross	0	-	Sample														
					Permit Req.							C - No Discharge				C - No Discharge			
50050 Flow, in conduit or thru treatment plant					Value MOD														
		1 - Effluent Gross	0	-	Sample														
					Permit Req.														
70235 Solids, total dissolved					Value MOD														
		1 - Effluent Gross	0	-	Sample														
					Permit Req.														
84066 Oil and grease visual					Value MOD														
		1 - Effluent Gross	0	-	Sample														
					Permit Req.														
					Value MOD														

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: 2019-10-01 09:05 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith
E-Mail: doug.smith@oxbow.com

Date/Time: 2019-10-01 09:08 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132
 Major: No
 Permitted Feature: 015 External Outfall
 Report Dates & Status: Monitoring Period: From 07/01/19 to 09/30/19
 Considerations for Form Completion: SEE 1.A.4.A, PP 5-6 FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL PINT WASTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS. AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.
 Principal Executive Officer: MIKE LUDLOW
 First Name: MIKE
 Last Name: LUDLOW
 No Data Indicator (NOD): --
 Form NOD: --

Permittee: Oxbow Mining LLC
 Permittee Address: PO Box 535
 Somerset, CO 81434-0535
 Facility: SANBORN CRK & ELK CRK MINES
 Facility Location: 3737 HIGHWAY 133
 SOMERSET, CO 81434
 Discharge: 015-MW
 ACUTE MET TESTING FOR 015A
 Status: NetDMR Validated

Monitoring Period: From 07/01/19 to 09/30/19
 DMR Due Date: 10/28/19
 Status: NetDMR Validated
 Title: PRESIDENT
 Telephone: 970-929-5122

Code	Parameter Name	Monitoring Location	Season & Param. NOD	Sample Permit Req. Value NOD	Quantity or Loading	Quantity or Concentration	Frequency of Analysis	Sample Type
TAN6C	LC50 State 95% Acute Dosephales	1 - Effluent Cross	0	--	>=	100 MN VALUE	23 - %	01/90 - Quantity
						C - No Discharge		GR - GRA8

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:

2019-10-01 09:05 (Time Zone: -06:00)

Report Last Signed By

GHGSMITHOXBOW

User:

Douglas Smith

Name:

doug.smith@oxbow.com

E-Mail:

2019-10-01 09:08 (Time Zone: -06:00)

Date/Time:

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

Report Dates & Status: Monitoring Period: From 09/01/19 to 09/30/19 DMR Due Date: 10/28/19 Status: NEDMR 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 ROMNTS. TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.

Principal Executive Officer

First Name: MIKE Title: PRESIDENT
 Last Name: LUDLOW Telephone: 970-925-5122

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			>=	6.5 MINIMUM	C - No Discharge				<=	9 MAXIMUM	C - No Discharge			12 - SU	01/30 - Monthly	IS - INSTU	
00500	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 - GRA8	
00545	Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	3000 30DA AVG	C - No Discharge				<=	6000 DAILY MX	C - No Discharge			28 - ug/L	01/30 - Monthly	GR - GRA8	
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI			<=	3200 30DA AVG	C - No Discharge				<=	10 INST MAX	C - No Discharge			19 - mg/L	77/77 - Contingent	GR - GRA8	
03552	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon 30DA AVG	C - No Discharge										01/30 - Monthly	IN - INSTAN	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon INST MAX 9P - N=O=Y=1	C - No Discharge										01/30 - Monthly	VI - VISUAL	
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon INST MAX 9P - N=O=Y=1	C - No Discharge										01/30 - Monthly	VI - VISUAL	
84050	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI				Req Mon INST MAX 9P - N=O=Y=1	C - No Discharge										01/30 - Monthly	VI - VISUAL	

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-10-01 09:04 (Time Zone: -06:00)

Report Last Signed By

GHGSMITHOXBOW

User:

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 3737 HIGHWAY 133
 Somerset, CO 81434-0535 SOMERSET, CO 81434

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

Report Dates & Status: Monitoring Period: From 09/01/19 to 09/30/19 DMR Due Date: 10/28/19 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 RQMNTS. TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD

Principal Executive Officer

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

No Data Indicator (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	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 NOD			Sample	Permit Req.																	
00500 Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req.																	
	Value NOD			Sample	Permit Req.																	
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample	Permit Req.																	
	Value NOD			Sample	Permit Req.																	
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req.																	
	Value NOD			Sample	Permit Req.																	
03552 Oil and grease	1 - Effluent Gross	0	-	Sample	Permit Req.																	
	Value NOD			Sample	Permit Req.																	
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	Permit Req.																	
	Value NOD			Sample	Permit Req.																	
70205 Solids, total dissolved	1 - Effluent Gross	0	-	Sample	Permit Req.																	
	Value NOD			Sample	Permit Req.																	
84065 Oil and grease visual	1 - Effluent Gross	0	-	Sample	Permit Req.																	
	Value NOD			Sample	Permit Req.																	

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-10-01 09:04 (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 3737 HIGHWAY 133
 Somerset, CO 81434-0535 SOMERSET, CO 81434

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

Report Dates & Status Monitoring Period: From 09/01/19 to 09/30/19 DMR Due Date: 10/28/19 Status: NetDMR Validated

Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE WAIVED AND SETTLEABLE SOLIDS LIMIT MAY BE WAIVED 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 RQMNTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING REPORTING PERIOD.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	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																	
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																	
84066	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:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2019-10-01 09:03 (Time Zone: -06:00)

Report Last Signed By

GHGSMITHOXBOW

User:

Douglas Smith

Name:

Douglas Smith