

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 SomerSet, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	007 External Outfall	Discharge:	007-A SEDIMENT POND TO HUBBARD CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 10/01/19 to 10/31/19	11/28/19	NetDMR Validated

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 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:	970-925-5122

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	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											
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 [see Fe]	1 - Effluent Gross	0	--	Sample											
				Permit Req.											
				Value NODI											
03592 Oil and grease	1 - Effluent Gross	0	--	Sample											
				Permit Req.											
				Value NODI											
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample											
				Permit Req.											
				Value NODI											
84066 Oil and grease visual	1 - Effluent Gross	0	--	Sample											
				Permit Req.											
				Value NODI											

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-11-01 13:13 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-11-01 13:17 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Someraset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	009 External Outfall	Discharge:	009-A SURF RUNOFF TO N FK GUNIS RIVR		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 10/01/19 to 10/31/19	11/28/19	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1, P.4-5, AND I.A.2, P. 5 FOR RQMNTS.TDS MONITORING-SEE PART V.I.A.2.6 OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI:	
------------	--

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--												
		Permit Req.		Sample												
		Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--												
		Permit Req.		Sample												
		Value NODI														
00545	Solids, settleable	1 - Effluent Gross	0	--												
		Permit Req.		Sample												
		Value NODI														
01045	Iron, total [see Fe]	1 - Effluent Gross	0	--												
		Permit Req.		Sample												
		Value NODI														
03582	Oil and grease	1 - Effluent Gross	0	--												
		Permit Req.		Sample												
		Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--												
		Permit Req.		Sample												
		Value NODI														
84060	Oil and grease visual	1 - Effluent Gross	0	--												
		Permit Req.		Sample												
		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: 2019-11-01 13:13 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-11-01 13:17 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Someset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	010 External Outfall	Discharge:	010-A SEDIMENT POND TO SANBORN CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 10/01/19 to 10/31/19	11/28/19	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENT; SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1.PP 4-5, AND I.A.2. P. 5 FOR RQMNTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI:					Monitoring Location		Season	# Param. NODI				
Code	Parameter Name				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	Units	
00400	pH	1 - Effluent Gross	0	-	Sample	>=	6.5 MINIMUM C - No Discharge	<=	9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	IS - INSITU
					Permit Req. Value NODI							
					Sample							
00530	Solids, total suspended	1 - Effluent Gross	0	-	Permit Req. Value NODI	<=	35 30DA AVG C - No Discharge	<=	70 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
					Sample							
					Value NODI							
00545	Solids, settleable	1 - Effluent Gross	0	-	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL	01/30 - Monthly	GR - GRAB			
					Sample							
					Value NODI							
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	01/30 - Monthly	GR - GRAB		
					Sample							
					Value NODI							
03582	Oil and grease	1 - Effluent Gross	0	-	Permit Req. Value NODI	<=	10 INST MAX C - No Discharge	19 - mg/L	77777 - Contingent	GR - GRAB		
					Sample							
					Value NODI							
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Permit Req. Value NODI	Req Mon DAILY MX 03 - MGD C - No Discharge	01/30 - Monthly	IN - INSTAN				
					Sample							
					Value NODI							
84066	Oil and grease visual	1 - Effluent Gross	0	-	Permit Req. Value NODI	Req Mon INST MAX 9P - N=0,Y=1 C - No Discharge	01/30 - Monthly	VI - VISUAL				
					Sample							
					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: 2019-11-01 13:12 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2019-11-01 13:17 (Time Zone: -06:00)

Permit	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Someraset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	012 External Outfall	Discharge:	012-A SEDIMENT POND TO ELK CREEK		
Report Dates & Status					
Monitoring Period:	From 10/01/19 to 10/31/19	DNR Due Date:	11/28/19	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 RQIMTS.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 (NODI)					
Form NODI:					
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	
00400 pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	
00530 Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	
00545 Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	
03582 Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	
84086 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:	2019-11-01 13:11 (Time Zone: -06:00)				
Report Last Signed By					
User:	GHGSMITHOXBOW				
Name:	Douglas Smith				
E-Mail:	doug.smith@oxbow.com				
Date/Time:	2019-11-01 13:17 (Time Zone: -06:00)				

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	013- External Outfall	Discharge:	013-A RUNOFF TO N FORK GUNNISON R.		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 10/01/19 to 10/31/19	11/28/19	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR 24HR PRECIP EVENT; SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P. 5 FOR ROMMNTS.TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRD.

Principal Executive Officer

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

Form NODI:	Monitoring Location	Season	Param. NODI

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Quality 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																
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																
03552	Oil and grease	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI																

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-11-01 13:11 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-11-01 13:17 (Time Zone: -06:00)

[illegible]

Monitoring Period:	From 10/01/19 to 10/31/19	DMR Due Date:	11/28/19	Status:	NetDMR Validated
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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 IA 1, PP 4-5, AND IA 2, P. 5 FOR RQMINTS, TDS MONITORING-SEE PART VI, A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPORT.

First Name:	MIKE	Title:	PRESIDENT	Telephone:	970-929-5122
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No Data Indicator (NODI)

	Monitoring Location	Season & Param.	NOD	Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type		
Parameter	Name			Quantity or Loading			Units							
Code				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units

					>=	6.5 MINIMUM C - No Discharge	<=	9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	IS - INSTU
00400 pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
00630 Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
00645 Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
03582 Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							
84066 Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI							

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

No errors.

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Report Last Saved By

User:	GHGSMITH@XOBOW
Name:	Developer - Config

E-Mail: doug.smith@oxbow.com
Date/Time: 2019-11-01 13:10 (Time Zone: -06:00)

User: GHGSMITHOXBOW

E-Mail: doug.smith@oxbow.com

Permit						
Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES	
Major:	No	Permittee Address:	PO Box 535 Someraset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434	
Permitted Feature:	015 External Outfall	Discharge:	015-A DISCHARGE TO ELK CREEK			
Report Dates & Status						
Monitoring Period:	From 10/01/19 to 10/31/19	DMPR Due Date:	11/28/19	Status:	NetDMR Validated	
Considerations for Form Completion 30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE I.B.1.D.						
Principal Executive Officer						
First Name:	MIKE	Title:	PRESIDENT	Telephone:	970-929-5122	
Last Name:	LUDLOW					
No Data Indicator (NODI)						

Form NODi:										
Parameter		Monitoring Location		Season #		Param. NODi				
Code	Name	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2
Quantity or Loading							Quality or Concentration			
		Qualifier 1	Value 1	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								
00530	Solids, total suspended	1 - Effluent Gross	0	-						
		Sample								
		Permit Req.								
		Value NODi								
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-						
		Sample								
		Permit Req.								
		Value NODi								
03592	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								

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

No errors.

Attachments

Report Last Saved By

User:

Name: Douglas Smith

Date/Time: 2010-11-04 10:40 EST

Report last signed by _____

Name: _____
Date: _____

Date/Time: 2019-11-01 13:1

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	016 External Outfall	Discharge:	016-A SURFACE RUNOFF TO ELK CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 10/01/19 to 10/31/19	11/28/19	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24 HR PRECIP EVENT. SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P. 5 FOR RQMNTS. TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.

Principal Executive Officer

First Name:	MIKE	Title:	PRESIDENT
Last Name:	LUDLOW		

No Data Indicator (NODI)	Form NODI:	Telephone:	970-929-5122
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Parameter Name	Monitoring Location	Season	# Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Quality or Concentration	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI															
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 [see Fe]	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI															
03582 Oil and grease	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI															
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	Permit Req. Value NODI															
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

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITH-OBXOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-11-01 13:09 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITH-OBXOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2019-11-01 13:17 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	017 External Outfall	Discharge:	017-A SURF RUNOFF TO N. FK GUNIS RIV		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 10/01/19 to 10/31/19	11/28/19	NetDMR Validated

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 EVER-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 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	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 pH		1 - Effluent Gross	0	-				>=	6.5 MINIMUM C - No Discharge			9 MAXIMUM C - No Discharge	12 - SU		01/20 - Monthly	IS - INSITU
00530 Solids, total suspended		1 - Effluent Gross	0	-				<=	35 30DA AVG C - No Discharge			70 DAILY MX C - No Discharge	19 - mg/L		01/20 - Monthly	GR - GRAB
00545 Solids, settleable		1 - Effluent Gross	0	-					Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 25 - mL/L C - No Discharge			01/20 - Monthly	GR - GRAB
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-				<=	3000 30DA AVG C - No Discharge			6000 DAILY MX C - No Discharge	28 - ug/L		01/20 - Monthly	GR - GRAB
03582 Oil and grease		1 - Effluent Gross	0	-					Req Mon 30DA AVG C - No Discharge			10 INST MAX C - No Discharge	19 - mg/L		7/7/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-					Req Mon DAILY MX 03 - MGD C - No Discharge						01/20 - Monthly	IN - INSTAN
84056 Oil and grease visual		1 - Effluent Gross	0	-					Req Mon INST MAX 9P - N=Q,Y=1 C - No Discharge						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:	GHGSMITHOXBOW
Name:	Douglas Smith
E-Mail:	doug.smith@oxbow.com
Date/Time:	2019-11-01 13:09 (Time Zone: -06:00)

Report Last Signed By

User:	GHGSMITHOXBOW
Name:	Douglas Smith
E-Mail:	doug.smith@oxbow.com
Date/Time:	2019-11-01 13:17 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Someset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	019 External Outfall	Discharge:	019-A SURFACE RUNOFF TO HUBBARD CRK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 10/01/19 to 10/31/19	11/28/19	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR <=10.24HR PRECIP 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	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	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Quality or Concentration	Qualifier 4	Value 4	Units	# of Ex.	Frequency of Analysis	Sample Type
00400 PH	1 - Effluent Gross	0	--	Sample															
	Permit Req. Value NODI			Sample															
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample															
	Permit Req. Value NODI			Sample															
00545 Solids, settleable	1 - Effluent Gross	0	--	Sample															
	Permit Req. Value NODI			Sample															
01045 Iron, total [see Fe]	1 - Effluent Gross	0	--	Sample															
	Permit Req. Value NODI			Sample															
03592 Oil and grease	1 - Effluent Gross	0	--	Sample															
	Permit Req. Value NODI			Sample															
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
	Permit Req. Value NODI			Sample															
84066 Oil and grease visual	1 - Effluent Gross	0	--	Sample															
	Permit Req. Value NODI			Sample															

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

Edit Check Errors
No errors.

Comments
No errors.

Attachments
No attachments.

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