



STATE OF
COLORADO

Simmons - DNR, Leigh <leigh.simmons@state.co.us>

NetDMR COR Submission for: CO0000132

Doug Smith <Doug.Smith@oxbow.com>

Tue, May 1, 2018 at 9:38 AM

To: "leigh.simmons@state.co.us" <leigh.simmons@state.co.us>

Cc: Mike Ludlow <Mike.Ludlow@oxbow.com>

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 April 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



20180501 April DMR's to CDRMS.pdf
3891K

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

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

Facility: SANGORN 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 04/01/18 to 04/30/18

DMR Due Date: 05/28/18

Status: NEIDMR 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 >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 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. NDI	Quantity or Loading			Quantity or Concentration			Units	# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1			
00400 pH	1 - Effluent Gross	0	--										
	Permit Reg. Value NDI												
00530 Solids, total suspended	1 - Effluent Gross	0	--										
	Permit Reg. Value NDI												
00545 Solids, settleable	1 - Effluent Gross	0	--										
	Permit Reg. Value NDI												
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--										
	Permit Reg. Value NDI												
03582 Oil and grease	1 - Effluent Gross	0	--										
	Permit Reg. Value NDI												
50505 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--										
	Permit Reg. Value NDI												
84066 Oil and grease visual	1 - Effluent Gross	0	--										
	Permit Reg. Value NDI												

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: 2018-05-01 08:05 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2018-05-01 08:12 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132

Major: No

Permitted Feature:

017
External Outfall

Report Dates & Status

From 04/01/18 to 04/30/18

DWR Due Date:

05/28/18

Status:

NetDMR Validated

Permittee: Oxbow Mining LLC
PO Box 535
Somerset, CO 81434-0535Facility Location: SANBORN CRK & ELK CRK MINES
3737 HIGHWAY 133
SOMERSET, CO 81434Monitoring Period:
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 RQMTS. 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

Telephone:

970-929-5122

Last Name:

Ludlow

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Sample	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	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 NOD			>=	6.5 MINIMUM C - No Discharge					<=	9 MAXIMUM C - No Discharge			12 - SU		01/30 - Monthly	IS - INST/U	
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD			<=	35 30DA AVG C - No Discharge					<=	70 DAILY MX C - No Discharge			19 - mg/L		01/30 - Monthly	GR - GRAB	
00545	Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD				Req Mon 30DA AVG C - No Discharge					<=	6000 DAILY MX C - No Discharge			28 - ug/L		01/30 - Monthly	GR - GRAB	
01045	Iron, total (as Fe)	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD			<=	3000 30DA AVG C - No Discharge					<=	10 INST MAX C - No Discharge			19 - mg/L		7/1/17 - Contingent	GR - GRAB	
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD				Req Mon 30DA AVG C - No Discharge											01/30 - Monthly	IN - INST/U	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD				Req Mon INST MAX C - No Discharge											01/30 - Monthly	VI - VISUAL	
84066	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD				Req Mon INST MAX 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:

Name:

GHGSMITHOXBOW
Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2018-05-01 08:06 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW
Douglas Smith

Name:

doug.smith@oxbow.com

E-Mail:

2018-05-01 08:12 (Time Zone: -06:00)

Date/Time:

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

Permittee: Oxbow Mining LLC
Permittee Address: PO Box 535
Somerse, 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 04/01/18 to 04/30/18

DMR Due Date: 05/28/18

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 ROWMNTS. 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
Last Name: Ludlow
Title: President
Telephone: 970-929-5122

No Data Indicator (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	0120 - Monthly	IS - INSTU	
00530 Solids, total suspended		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					<=	35 30DA AVG C - No Discharge			<=	70 DAILY MAX C - No Discharge	19 - mg/L	0120 - Monthly	GR - GRA8	
00545 Solids, settleable		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI												0120 - Monthly	GR - GRA8	
01045 Iron, total (as Fe)		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					<=	3000 30DA AVG C - No Discharge			<=	6000 DAILY MAX C - No Discharge	28 - ug/L	0120 - Monthly	GR - GRA8	
03582 Oil and grease		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI									<=	10 INST MAX C - No Discharge	19 - mg/L	7777 - Contingent	GR - GRA8	
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI												0120 - Monthly	IN - INSTAN	
84060 Oil and grease visual		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI												0120 - 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:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

GHOSMITHOXBOW

Douglas Smith

doug.smith@oxbow.com

2018-05-01 08:07 (Time Zone: -06:00)

GHOSMITHOXBOW

Douglas Smith

doug.smith@oxbow.com

2018-05-01 08:12 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132
Major: No

Permittee:
Permittee Address:

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

Facility:
Facility Location:

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

Permitted Feature:

015
External Outfall

Discharge:

015-A
DISCHARGE TO ELK CREEK

Report Dates & Status

Monitoring Period:
From 04/01/18 to 04/30/18

DMR Due Date:

05/28/18

Status:

NetDMR Validated

Considerations for Form Completion

30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED OIL & GREASE - SEE 1B.1.D.

Principal Executive Officer

First Name:

Mike

Title:

President

Telephone:

970-929-5122

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	Units	Qualifier 1				Value 1	Qualifier 2	Value 2	Qualifier 3
00400 pH		1 - Effluent Gross	0	-	Sample Permit Reg. Value NODI				>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSTU
00530 Solids, total suspended		1 - Effluent Gross	0	-	Sample Permit Reg. Value NODI					<=	35 30DA AVG			70 MX 7D AV	19 - mg/L	01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]		1 - Effluent Gross	0	-	Sample Permit Reg. Value NODI					<=	3000 30DA AVG			6000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease		1 - Effluent Gross	0	-	Sample Permit Reg. Value NODI					<=	10 INST MAX			19 - mg/L		7/7/7 - Contingent	GR - GRAB
50350 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-	Sample Permit Reg. Value NODI											01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual		1 - Effluent Gross	0	-	Sample Permit Reg. Value NODI											01/07 - Weekly	VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2018-05-01 08:07 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2018-05-01 08:12 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: C00000132

Major: No

Permitted Feature: 014 External Outfall

Report Dates & Status

Monitoring Period: From 04/01/18 to 04/30/18

DMR Due Date: 05/28/18

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 REPRD.

Principal Executive Officer

First Name: Mike

Last Name: Ludlow

No Data Indicator (NOD)

Form NOD:

Title: President

Telephone: 970-929-5122

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

Facility Location: 014A SURF RUNOFF TO N FR GUINNSON R

Status: Not DMR Validated

Code	Parameter Name	Monitoring Location	Season #	Param. NOD	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Exc	Frequency of Analysis	Sample Type
00400 pH	1 - Effluent Gross	0	-	Permit Reg. Value NOD															IS - INSTU
00500 Solids, total suspended	1 - Effluent Gross	0	-	Permit Reg. Value NOD															GR - GRAB
00545 Solids, settleable	1 - Effluent Gross	0	-	Permit Reg. Value NOD															GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross	0	-	Permit Reg. Value NOD															GR - GRAB
03592 Oil and grease	1 - Effluent Gross	0	-	Permit Reg. Value NOD															GR - GRAB
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Permit Reg. Value NOD															IN - INSTAN
84065 Oil and grease visual	1 - Effluent Gross	0	-	Permit Reg. Value NOD															VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

GHGSMITHOXBOW
Douglas Smith
doug.smith@oxbow.com

2018-05-01 08:08 (Time Zone: -06:00)

GHGSMITHOXBOW

doug.smith@oxbow.com
2018-05-01 08:12 (Time Zone: -06:00)

Permit

Form NODI:

g. *g* = number of observations determined for the flow. Units, number of excursions, frequency of analysis, and sample type

No errors.

Comments

Attachments

No attachment

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: douglas.smith@nybarrow.com

Date/Time: 2018-05-01 08:08 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doua.smith@oxbow.com

Date/Time: 2018-05-01 08:12 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Permitted Feature: 012 External Outfall Discharge: 012A
 SEDIMENT POND TO ELK CREEK

Report Dates & Status: Monitoring Period: From 04/01/18 to 04/30/18 DMR Due Date: 05/28/18 Status: NotDMR Validated

Considerations for Form Completion
 TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR, 24HR PRECIP EVENT; SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR, 24HR EVENT-SEE I.A.1, PP 4.5, AND I.A.2, P. 5 FOR RQMNTS. TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

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

No Data Indicator (NOD)

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	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									01/30	Monthly	IS - INSTU
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI													01/30	Monthly	GR - GRA8
00545	Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI													01/30	Monthly	GR - GRA8
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI													01/30	Monthly	GR - GRA8
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI													01/30	Monthly	GR - GRA8
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI													7777	Contingent	GR - GRA8
84066	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI													01/30	Monthly	IN - INSTAN
					Sample Permit Req. Value NODI													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:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

GHGSMITHOXBOW
 Douglas Smith
 doug.smith@oxbow.com
 2018-05-01 08:09 (Time Zone: -06:00)
 GHGSMITHOXBOW
 Douglas Smith
 doug.smith@oxbow.com
 2018-05-01 08:12 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: **CO0000132**
Major: **No**

Permittee:
Permittee Address:

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

Facility:
Facility Location:

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

Permitted Feature:

010
External Outfall

Discharge:

010-A
SEDIMENT POND TO SANBORN CREEK

Report Dates & Status

Monitoring Period: **From 04/01/18 to 04/30/18**

DMR Due Date:

05/28/18

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 1A.1, PP 4.5, AND 1A.2, P. 5 FOR RCMNTS. 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

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	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															
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															
50030	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: GHOSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2018-05-01 08:10 (Time Zone: -06:00)

Report Last Signed By

User: GHOSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2018-05-01 08:12 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0000132

Permittee: Oxbow Mining LLC

PO Box 535
Somerset, CO 81434-0535

Facility:

SANDORN CRK & ELK CRK MINES
3737 HIGHWAY 133
SOMERSET, CO 81434

Major: No

Permit Address:

Permitted Feature: 009
External Outfall

Discharge:

009-A
SURF RUNOFF TO N FK GUNS RIVER

Report Dates & Status

Monitoring Period: From 04/01/18 to 04/30/18

DMR Due Date:

05/28/18

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 RCMNTS. TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IF 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	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				>=	6.5 MINIMUM				<=	9 MAXIMUM		12 - SU	01/20 - Monthly	IS - INSTU	
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					<=	35 30DA AVG			<=	70 DAILY MX		19 - mg/L	01/20 - Monthly	GR - GRAB	
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					<=	3500 30DA AVG			<=	7000 DAILY MX		28 - ug/L	01/20 - Monthly	GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req.	Value NODI												10 INST MAX	77/77 - Contingent	GR - GRAB	
84066	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req.	Value NODI												19 - mg/L			

Submission Note

If a parameter row does not contain any values for the Sample no. 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:

2018-05-01 08:10 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2018-05-01 08:12 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: C00000132

Major: No

Permitted Feature: 007 External Outfall

Report Dates & Status

Monitoring Period: From 04/01/18 to 04/30/18

Considerations for Form Completion

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR, 24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR, 24HR EVENT. SEE I.A.1, P.4.5, AND I.A.2, P.5 FOR RCMNTS, 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

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

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Qualifier 2

Value 2

Qualifier 3

Value 3

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of Ex.

Frequency of Analysis

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Qualifier 2

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Qualifier 3

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