

DMR Copy of Record

Permit

Permit #: CO0000132

Major: No

Permitted Feature: 009

External Outfall

Report Dates & Status

Monitoring Period: From 01/01/20 to 03/31/20

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #34, pg 17.

Principal Executive Officer

First Name: MIKE

Last Name: LUDLOW

No Data Indicator (NODI)

Form NODI: -

Permittee:
Permittee Address:

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

Discharge:

009-Q

Quarterly Monitoring for 001A

Status:

NetDMR Validated

Facility:
Facility Location:

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

Title:

PRESIDENT

Telephone:

970-929-5122

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			
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			19 - ug/L	01/90 - Quarterly		GR - GRA8
					Permit Req.		C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly		GR - GRA8
					Permit Req.		C - No Discharge						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly		GR - GRA8
					Permit Req.		C - No Discharge						
01074	Nickel, total recoverable	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly		GR - GRA8
					Permit Req.		C - No Discharge						
01114	Lead, total recoverable	1 - Effluent Gross	0	-	Sample		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly		GR - GRA8
					Permit Req.		C - No Discharge						
01118	Chromium, total recoverable	1 - Effluent Gross	0	-	Sample		Req Mon 30DA ARI			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRA8
					Permit Req.		C - No Discharge						
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRA8
					Permit Req.		C - No Discharge						
01306	Copper, potentially dissolved	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRA8
					Permit Req.		C - No Discharge						
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly		GR - GRA8
					Permit Req.		C - No Discharge						
01318	Lead, potentially dissolved	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRA8
					Permit Req.		C - No Discharge						
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRA8
					Permit Req.		C - No Discharge						
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRA8
					Permit Req.		C - No Discharge						
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	-	Sample		Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRA8
					Permit Req.		C - No Discharge						

04252	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon DAILY MX, 28 - ug/L C - No Discharge	01/50 - Quantity	GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	28 - ug/L 01/50 - Quantity	GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	19 - mg/L 01/50 - Quantity	GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	19 - mg/L 01/50 - Quantity	GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI	Req Mon 30DA AVG C - No Discharge	19 - mg/L 01/50 - Quantity	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: 2020-05-20 11:59 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW

Name: Douglas Smith

E-Mail: doug.smith@oxbow.com

Date/Time: 2020-05-20 11:59 (Time Zone: -06:00)

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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:

012
External Outfall

Discharge:

012Q
Quarterly Monitoring for 012A

Report Dates & Status

Monitoring Period: From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #34, pg 17.

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 of Loading				Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Quarter 1 Value 1	Quarter 2 Value 2	Units	Quarter 1 Value 1	Quarter 2 Value 2	Quarter 3 Value 3			
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								
							Reg Mon 300A AVG			Reg Mon DAILY MAX	19 - mg/L	01/50 - Quarterly	GR - GRA8
							C - No Discharge			C - No Discharge			

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Comments

Attachments

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Report Last Saved By

Oxbow Mining LLC

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2020-05-20 11:56 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

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Facility Location:

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

Permitted Feature:

012
External Outfall

Discharge:

012X
Chronic WET Testing for 012A

Report Dates & Status

Monitoring Period:
From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NECDMR Validated

Considerations for Form Completion

See I.D.1 for details of test procedure. Rpt NOEC using test code "S". Rpt IC25 using test code "P". Beginning 10-1-21, rpt highest number between "P" and "S" at "T" for each parameter. IWC=100%

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	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	
TKP3B	Static Renewal 7 Day Chronic Ceriodaphnia dubia	P - See Comments	0	--	Sample									
					Permit Req.									
					Value NOD									
TKP3B	Static Renewal 7 Day Chronic Ceriodaphnia dubia	S - See Comments	0	--	Sample									
					Permit Req.									
					Value NOD									
TKP9C	Static Renewal 7 Day Chronic Pimephales promelas	P - See Comments	0	--	Sample									
					Permit Req.									
					Value NOD									
TKP9C	Static Renewal 7 Day Chronic Pimephales promelas	S - See Comments	0	--	Sample									
					Permit Req.									
					Value NOD									

Submission Note

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Oxbow Mining LLC

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2020-05-20 11:58 (Time Zone: -06:00)

Report Last Signed By

User:

GHGSMITHOXBOW

Name:

Douglas Smith

E-Mail:

doug.smith@oxbow.com

Date/Time:

2020-05-20 11:59 (Time Zone: -06:00)