

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>

Mon, Aug 5, 2019 at 10:22 AM

Leigh,

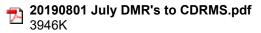
Please find, for your records, the attached copy of the Sanborn & Elk Creek Mine Discharge Monitoring Reports that were submitted for the month of July 2019. (There was no discharge) Oxbow has submitted these to the CDPHE electronically. No hard copy will follow, but copies will be made and kept with 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



Permit #:	CO0000132		Permittee:	0	Oxbow Mining LLC			Eacilley.		SANDOBA	9		
Major:	No		Permittee Address:		PO Box 535 Somerset, CO 81434-0535	Ö		Facility Location:	a	3737 HIGHWAY 133	NAY 133	SOMERSET CO 81434	
Permitted Feature:	007 External Outfall		Discharge:	ω •	007-A SEDIMENT POND TO HUBBARD CREEK	BBARD CREEK							
Report Dates & Status			-										
Monitoring Period:	From 07/01/19 to 07/31/19	31/19	DMR Due Date:	0	08/28/19			Ctotile:		N-DMB V			
Considerations for Form Completion	pletion				The state of the s			outus.		NetDMR Validated	lidated		
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 ROMNTS;TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRITD.	LL BE WAIVED, AND SI	ETTLEABLE SOLID	S LMT APPLIED FOR	<=10YR,24HR PR	ECIP EVENT;SETTLEAR	BLE SOLIDS LIMIT MAY	BE WAIVED FO	R >10YR,24HR EVE	NT-SEE I	A.1,PP 4-5, AND	I.A.2, P. 5	FOR ROMNTS.TDS	
Principal Executive Officer													
First Name:	MIKE		Title:	T	PRESIDENT			Telephone:		970 990 51	3		
Last Name:	LUDLOW							l relephone:		9/0-929-5122	2		
No Data Indicator (NODI)			and the second second second										
Form NODI:													
Parameter	Monitoring Location	Monitoring Location Season # Param. NODI		Quanti	Quantity or Loading			Disality of Concents					
Code Name			Qualifier 1	Value 1 Qu	Qualifier 2 Value 2	Units Qualifier 1	Value 1 Qualifler 2	Value 2	Qualifier 3	Value 3	Units #	# of Ex. Frequency of Analysis Sample Type	rsis Sample Type
00400 pH	1 - Effluent Gross	0	Sample Permit Req. Value NODI			>= 6.5	6.5 MINIMUM		î	MA	12 - SU	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended			Sample				CioCioCio			C - No Discharge			
	- Childrift Gloss	1	Value NODI				î	35 30DA AVG	î	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
			Sample							e coordinatigo			
00343 Solids, settleable	1 - Effluent Gross		Permit Req. Value NODI					Reg Mon 30DA AVG	G	Reg Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAB
01045 inc. total for Fol		1	Sample					C - No Discharge		C - No Discharge			
Crotonos, was [as re]	- Emuent Gross	ı	Value NODI				î	3500 30DA AVG	î	7000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross	o I	Sample Permit Ben					Cociociango		C - No Discharge			
			Value NODI						î	10 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
EDOED T			Sample							C - No Discharge			
SCOSC Flow, in conduit or thru treatment plant 1 - Effluent Gross		1		Req Mon 30DA AVG	Req Mon DAILY MX 03 - MGD	03 - MGD						01/30 - Monthly	N-INSTAN
			32	C - No Discharge	C - No Discharge							e morning	1000
84066 Oil and grease visual	1 - Effluent Gross		Sample Dermit Ben										
			Value NODI		C - No Discharge	NIC. TI						01/30 - Monthly	VI - VISUAL
Submission Note										,			

Attachments
No attachments.
Report Last Saved By

Edit Check Errors
No errors.

Oxbow Mining LLC

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.

User:

Date/Time:

doug.smith@oxbow.com 2019-08-05 09:04 (Time Zone: -06:00) GHGSMITHOXBOW

Douglas Smith

GHGSMITHOXBOW

Douglas Smith

doug.smith@oxbow.com

2019-08-05 09:10 (Time Zone: -06:00)

Report Last Signed By

Permit #:	CO0000132	Dormittoo		Othor Minio III						
Major:	No	Permittee Address:	Address:	PO Box 535 Somerset, CO 81434-0535		Facility Location:	3737 HIGH SOMERSET	SOMERSET, CO 81434	MINI	
Permitted Feature:	009 External Outfall	Discharge:		009-A						
Report Dates & Status										
Monitoring Period:	From 07/01/19 to 07/31/19	DMR Due Date:	Date:	08/28/19		Status:	NetDMR Validated	lidated		
Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE V MONITORING-SEE PART VI.A.2.G OF	NION BE WAIVED, AND SETTLEA OF RATIONALE 30 DAY AV	BLE SOLIDS LMT APPLIED	FOR <=10YR,24HR PR	Considerations for Form Completion Consideration Consideration C	AY BE WAIVED FOR	2 >10YR,24HR EVEN	T-SEE I.A.1,PP 4-5, AND	DIA2, P. 5 FOR	RQMNTS.TDS	
Principal Executive Officer										
First Name:	MIKE	Title:		PRESIDENT		Telephone:	970-929-5122	3		
Last Name:	LUDLOW									
No Data Indicator (NODI)										
Form NODI:	-									
Para	Monitoring Location Season # Param. NODI			Quantity or Loading		Quality or Concentration	5	# of Ex.	# of Ex. Frequency of Analysis Sample Type	s Sample Type
Code Name		Sample	Qualifier 1 Value 1 Qu	Qualifier 2 Value 2 Units Qualifier 1	Value 1 Qualifier 2	Value 2	Qualifier 3 Value 3	Units ** 01 CA.	rrequency or Analys	s sample Type
00400 pH	1 - Effluent Gross 0	Permit Req. Value NODI		¥	6.5 MINIMUM C - No Discharge		<= 9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	IS-INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	Permit Req. Value NODI Sample			î	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	Permit Req. Value NODI Sample				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge	X 25 - mL/L	01/30 - Monthly	GR - GRAB
01045 iron, total [as Fe]	1 - Effluent Gross 0	Permit Req. Value NODI Sample			â	3500 30DA AVG C - No Discharge	7000 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Permit Req. Value NODI					C - No Discharge	19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	0	Permit Req. Value NODI Sample	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge					01/30 - Monthly	IN - INSTAN
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
Submission Note	Particular for the Sample									
Edit Check Errors	in any values for the Sample III	or Emiliant Trading, then none	e of the following fields w	Edit Check Errors	Excursions, Frequer	ncy of Analysis, and Sample Type.	mple Type.			
No errors.										
Comments										
Attachments										
Report Last Saved By										
Oxbow Mining LLC										
User	우	GHGSMITHOXBOW								
Name:	8	Douglas Smith								
E-Mail: Date/Time:	23 G	doug.smith@oxbow.com	s: -06-00)							
Report Last Signed By										
User:	<u> ខ</u>	GHGSMITHOXBOW								
Name:		Douglas Smith								
Date/Time:	22 62	2019-08-05 09:10 (Time Zone: -06:00)	a: -06:00)							
THE POST OF STATE OF	SCHOOL STATE OF SCHOOL S				Service Servic					

Permit															
Permit #:	CO0000132		Permittee:		Oxbow Mining LLC				Facility:		SANBORN CRK & ELK CRK MINES	CRK & E	EK CR	^ MINES	
Major:	No.		Permittee Address:	ress:	PO Box 535 Somerset, CO 81434-0535	535			Facility Location:	П	3737 HIGHWAY 133 SOMERSET, CO 81434	NAY 133	43		
Permitted Feature:	010 External Outfall		Discharge:		010-A SEDIMENT POND TO SANBORN CREEK	SANBORN CREEK									
Report Dates & Status															
Monitoring Period:	From 07/01/19 to 07/31/19	119	DMR Due Date:		08/28/19				Status:		NetDMR Validated	lidated			
Considerations for Form Completion	pletion											- Hanna			
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 A.1,PP 4-5, AND A.2, P. 5 FOR ROMNTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRITO.	LL BE WAIVED, AND SET 2.G OF RATIONALE. 30 I	TLEABLE SOLIDS	S LMT APPLIED FO	/G. DURING PERI	PRECIP EVENT;SETTLE	EABLE SOLIDS LIMI	IT MAY BE WAIVE	DFOR	>10YR,24HR EVE	VT-SEE	I.A.1,PP 4-5, AND	IA.2, P.	5 FOR	ROMNTS.TDS	
Principal Executive Officer															
First Name:	MIKE		Title:		PRESIDENT				Telephone:		970-929-5122	8			
Last Name:	LUDLOW										0.00000	ŗ			
No Data Indicator (NODI)															
Form NODI:	1														
Para	Monitoring Location Season # Param. NODI	sason # Param, NODI			Quantity or Loading				Quality or Concentration	tion			# of Ex.	# of Ex. Frequency of Analysis Sample Type	is Sample Type
Gorde Marrie	SE CONTRACTOR MANAGEMENT SERVICE		Qualifier 1	Value 1	Qualifier 2 Value 2	Units Qualif	Qualifier 1 Value 1	Qualifler 2	Value 2	Qualifier 3	r3 Value 3	Units			
00400 pH	1 - Effluent Gross 0	ī	Sample Permit Req. Value NODI			¥	6.5 MINIMUM C - No Discharge			î	- MA	12 - SU		01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	Ĭ	Permit Req. Value NODI					î	35 30DA AVG C - No Discharge	î	70 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
00545 Solids, settleable	1 - Effluent Gross 0	ř	Sample Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX 25 - mL/L	25 - mL/L		01/30 - Monthly	GR - GRAB
			Sample						C - No Discharge		C - No Discharge				
01045 iron, total [as Fe]	1 - Effluent Gross 0	ī	Permit Req. Value NODI					î	3500 30DA AVG	î	7000 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
03583			Sample								o iso discinstillo				
03062 Oil and grease	1 - Effluent Gross 0	1	Permit Req. Value NODI							î	10 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
50050 Flow in conduit or the treatment			Sample												
Lingli oliva	Principle Cices	1	Value NODI	C - No Discharge	C - No Discharge	AX 03 - MGD								01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual	1 - Effluent Gross 0	Ī	Permit Req.		Req Mon INST MAX 9P - N=0;Y=1	AX 9P - N=0;Y=1								01/30 - Monthly	VI - VISUAL
Submission Note			Agine MODI		C - No Discharge										
Carrier Colors															

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.

Attachments
No attachments.
Report Last Saved By

Oxbow Mining LLC

E-Mail: Date/Time:

Report Last Signed By

User:

E-Mail: Date/Time:

Douglas Smith doug.smith@oxbow.com GHGSMITHOXBOW

doug.smith@oxbow.com 2019-08-05 09:03 (Time Zone: -06:00)

Douglas Smith **GHGSMITHOXBOW**

Major:	CO0000132 No		Permittee:		Oxbow Mining LLC PO Rox 535		Facility:	SANBORN C	SANBORN CRK & ELK CRK MINES	MINES	
	ā		Permittee Address:		PO Box 535 Somerset, CO 81434-0535		Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434	/AY 133 CO 81434		
Permitted Feature:	012 External Outfall		Discharge:	91: SE	012-A SEDIMENT POND TO FLK CREEK		•				
Report Dates & Status											
Monitoring Period:	From 07/01/19 to 07/31/19	31/19	DMR Due Date:	180	08/28/19		Canada				
Considerations for Form Completion	npletion						odius.	NetDMR Validated	idated		
	· Promoti										
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMT APPLIED FOR <=10YR,24HR PRECIP EVEN MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPORTS	VILL BE WAIVED, AND SE	TLEABLE SOLID	IS LMT APPLIED FOR <=1	10YR,24HR PRECIPE	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMT 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 ROMNTS.TDS	IAY BE WAIVED F	OR >10YR,24HR EVENT	-SEE I.A.1,PP 4-5, ANI	DI.A.2, P. 5 FOF	RQMNTS.TDS	
Principal Executive Officer					į						
First Name:	MIKE		Tielo:	8	NO DOMESTICATION OF THE PROPERTY OF THE PROPER						
Last Name:	LUDLOW			3			Telephone:	970-929-5122	8		
No Data Indicator (NODI)			CONTRACTOR SPECTAGE TO SECURITY								
Form NODI:	1										
Parameter	Monitoring Location Season # Param. NODI	eason # Param. NOD		Quantity or Loading	ooding						
Code Name			Qualifier 1	Value 1 Qualifler 2	Qualifier 2 Value 2 Units Qualifier 1	Value 1	80 E			# of Ex. Frequency of Analysis Sample Type	is Samp
00400 pH	1 - Effluent Gross 0	1	Sample Permit Req.		¥	6.5 MINIMUM		CE O MAXIMIM	3 9		
			Value NODI Sample			C - No Discharge			6	Olizo- Monthly	IV-INSITO
00530 Solids, total suspended	1 - Effluent Gross 0	ï	Permit Req. Value NODI			î	35 30DA AVG <=		19 - mg/L	01/30 - Monthly	GR - GRAB
			Sample				C - No Discharge	C - No Discharge			
00545 Solids, settleable	1 - Effluent Gross 0	ī	Permit Req.				Req Mon 30DA AVG	Req Mon DAILY MX 25 - mL/L	IX 25 - mL/L	01/30 - Monthly	GR - GRAB
			Sample	•			C - No Discharge	C - No Discharge			9
01045 iron, total [as Fe]	1 - Effluent Gross 0	1	Permit Req.			î	3000 30DA AVG <=		38		3
			Value NODI				Discharge	C - No Discharge	70 - 03/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	ı	Permit Req.								
			Value NODI				î	C - No Discharge	19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	nt plant 1 - Effluent Gross 0	ı	Sample Dan I	Pag Man 2004 AVG							
			200		C - No Discharge					01/30 - Monthly	IN - INSTAN
			No. 10 de								
84066 Oil and grease visual	1 - Effluent Gross 0	1	Permit Req.		Reg Mon INST MAX 9P - N=0;Y=1					01/30 - Monthly	V- V
			Value NODI		C - No Discharge					O II O - WOININ	AL- MISONE
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.

Attachments
No ettachments.
Report Last Saved By

User: Oxbow Mining LLC

Name:

Report Last Signed By Date/Time:

Douglas Smith
doug.smith@oxbow.com
2019-08-05 09:00 (Time Zone: -06:00)

GHGSMITHOXBOW

E-Mail:

User:

E-Mail: Date/Time:

GHGSMITHOXBOW doug.smith@oxbow.com

Permit #:	CO0000132		Permittee:		Oxbow Mining LLC		1		!		
Major:	No		Permittee Address:	Address:	PO Box 535 Somerset, CO 81434-0535		Facility Location:	SANBORN CRK & ELK 3737 HIGHWAY 133 SOMERSET, CO 81434	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434	MINES	
Permitted Feature:	013 External Outfall		Discharge:		013-A RUNOEE TO NEORK GUNNISON B		-				
Report Dates & Status						Ciric					
Monitoring Period:	From 07/01/19 to 07/31/19	31/19	DMR Due Date:	ate:	08/28/19		Céntile.	Name Val			
Considerations for Form Completion	Metion						Odius.	NetDINK Validated	idated		
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR,24HR PRECIP EVEN MONITORING-SEE PART VI.A.2.G OF RATIONALE, 30 DAY AVG. IS HIGHEST MONTH! Y AVG. IN IRING BEDION BEDDEN.	L BE WAIVED, AND SE	TTLEABLE SOLIC)S LMT APPLIED FO	OR <=10YR,24HR	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 ROMNTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DI PINIG PERSON.	IDS LIMIT MAY BE WAIVED	FOR >10YR,24HR EVENT.	SEE I.A.1,PP 4-5, AND) I.A.2, P. 5 FO	R RQMNTS.TDS	
Principal Executive Officer											
First Name:	MIKE		Title:		PRESIDENT		Telephone	270 000 510	•		
Last Name:	LUDLOW						resoptione.	970-828-072			
No Data Indicator (NODI)											
Form NODI:	1										
Parar	Monitoring Location Season # Param. NODI	eason # Param. NOD		Qui	Quantity or Loading		Quality or Concentration				
THE PERSON NAMED IN COLUMN			Qualifier 1	Value 1	Qualifier 2 Value 2 Units	Qualifier 1 Value 1	Qualifler 2 Value 2 Qu	Qualifier 3 Value 3	Units		
00400 pH	1 - Effluent Gross 0	ï	Permit Req. Value NODI			>= 6.5 MINIMUM	î		12-SU	01/30 - Monthly	IS-INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	ı	Sample Permit Req.						e e		
			Value NODI Sample			1	C - No Discharge	C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00545 Solids, settleable	1 - Effluent Gross 0	ı	Permit Req. Value NODI				Req Mon 30DA AVG	Req Mon DAILY MX 25 - mL/L	X 25 - mL/L	01/30 - Monthly	GR - GRAB
01045 iron, total [as Fe]	1 - Effluent Gross 0		Sample Demit Dog				•				
			Value NODI			î	3000 30DA AVG <= C - No Discharge	6000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
000000000000000000000000000000000000000			Sample								
USSEZ Oil and grease	1 - Effluent Gross 0	1	Permit Req. Value NODI				î	10 INST MAX C - No Discharge	19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow in conduit or the treatment			Sample								
Sood Flow, in conduit of this treatment plant 1 - Effluent Gross	plant 1 - Effluent Gross 0	:	Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX 03 - MGD					01/30 - Monthly	IN - INSTAN
			Sample	C - No Discharge	C - No Discharge					,	
84066 Oil and grease visual	1 - Effluent Gross 0		Permit Req.		Req Mon INST MAX 9P - N=0;Y=1	=1				01/30 - Monthly	VI - VISIDA
Submission Note			Value NODI		C - No Discharge						
If a parameter row does not conta	ain any values for the Sa	mole nor Effluent	Trading then none	of the following fold							
Edit Check Errors				9	Edit Check Errors	s, Number of Excursions, Freq	Juency of Analysis, and San	npie Type.			
No errors.											
Comments											

Attachments
No attachments
Report Last Saved By
Oxbow Mining LLC

E-Mail:

Douglas Smith
doug.smith@oxbow.com
2019-08-05 08:34 (Time Zone: -06:00)

GHGSMITHOXBOW

Douglas Smith

doug.smith@oxbow.com 2019-08-05 09:10 (Time Zone: -06:00) GHGSMITHOXBOW

Name: E-Mail: Date/Time:

Date/Time:
Report Last Signed By
User:

Permit #:	CO0000132	Permittee:	36 :	Oxbow Mining LLC				
Major:	No	Permitte	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434	SOMERSET, CO 81434	
Permitted Feature:	014 External Outfall	Discharge:	ge:	014-A SURF RUNOFF TO N FK GUNNISON D	-			
Report Dates & Status		_						
Monitoring Period:	From 07/01/19 to 07/31/19	DMR Due Date:	e Date:	08/28/19	Status:	Nissonio Validad		
Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE V	npletion	700			Janus.	NetDMR Validated	e	
MONITORING-SEE PART VI.	12.6 OF RATIONALE, 30 DAY AVG	S. IS HIGHEST MONTH	ILY AVG. DURING PERI	MONITORING-SEE PART VI.A.2.G OF RATIONALE, 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRITO.	NAIVED FOR >10YR,24HR EVENT	SEE I.A.1,PP 4-5, AND I.A.	2, P. 5 FOR ROMNTS.TDS	
Principal Executive Officer								
First Name:	MIKE	Title:		PRESIDENT	Telephone:	970-929-5122		
Last Name:	LUBLOW							
No Data Indicator (NODI)								
Form NODI:	•							
Para	Monitoring Location Season # Param. NODI	aram, NODI	Q	Quantity or Loading	Disality or Concentration			
Code Name			Qualifier 1 Value 1	Qualifier 2 Value 2 Units Qualifier 1 Value 1	Qualifier 2 Value 2	alifier 3 Value 3	# of Ex. Frequency of Analysis Sample Type Units	ilysis Sample Type
00400 pH	1 - Effluent Gross 0	Permit Req.		>= 6.5 MINIMUM		MUMIXA	12 - SU 01/30 - Monthly	IS - INSITU
00530 Solids, total suspended		Sample		C - No Discharge	scharge	C - No Discharge		
	- Linealit Cities O	Value NODI Sample			<= 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	Permit Req. Value NODI Sample			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge	mL/L 01/30 - Monthly	GR - GRAB
01045 iron, total [as Fe]	1 - Effluent Gross 0	Permit Req. Value NODI Sample			<= 3000 30DA AVG <= C - No Discharge	6000 DAILY MX C - No Discharge	28 - ug/L 01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Permit Req. Value NODI Sample			î	10 INST MAX C - No Discharge	19 - mg/L 77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	nt plant 1 - Effluent Gross 0	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge			01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual	1 - Effluent Gross 0	Permit Req.		Reg Mon INST MAX 9P - N=0,Y=1 C - No Discharce			01/30 - Monthly	VI - VISUAL
Submission Note				•				
If a parameter row does not co Edit Check Errors	ntain any values for the Sample nor	Effluent Trading, then r	one of the following field	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.	ons, Frequency of Analysis, and San	nple Type.		
No errors.								
Comments								
Attachments								
Report Last Saved By								
Oxbow Mining LLC								
User:	GHG	GHGSMITHOXBOW						
Name:	Doug	Douglas Smith						
E-Mail:	guob	doug.smith@oxbow.com						
Date/Time:	2019	2019-08-05 08:34 (Time Zone: -06:00)	one: -06:00)					
Report Last Signed By								
User	GHG	GHGSMITHOXBOW						
Name:	Doug	Douglas Smith						
Date/Time·	goog	and on the come	2000					

Permit #: Co	CO0000132		Permittee:	Oxbow Mining LLC	F	Facility:	SANBORN COK & ELK CO	K MINTO	
Major: No	•		Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Fa	Facility Location:	3737 HIGHWAY 133 SOMERSET CO 81434	Z MINITO	
Permitted Feature: 015	015 External Outfall		Discharge:	015-A DISCHARGE TO ELK OREEK					
Report Dates & Status									
Monitoring Period: Fr	From 07/01/19 to 07/31/19	9	DMR Due Date:	08/28/19	2				
Considerations for Form Completion	5		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT		- 06	Salus.	NetDMR Validated		
30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE I B 1 D	THLY AVERAGE DURI	ING PERIOD REPO	RTED. OIL & GREASE - SEI						
Principal Executive Officer				į					
	MIKE		Ī						
	ŕ		Inte:	PRESIDENT	Tel	Telephone:	970-929-5122		
	LUDLOW				1				
No Data Indicator (NODI)									
Form NODI:									
Parameter	Monitoring Location Season # Param. NODI	n # Param. NODI		Quantity or Loading		Quality or Concentration			
	ACCUSATION OF THE PROPERTY OF	Sa	Sample Qualifier 1 Value 1	Qualifier 2 Value 2 Units	Qualifier 1 Value 1 Q	Qualifier 2 Value 2 Qualifier 3	Value 3 Units		
00400 pH	1 - Effluent Gross 0	Perm	Permit Req.		>= 6.5 MINIMUM	^ii	9 MINIMIXAM 9		
		Sau	Sample		C - No Discharge				
00530 Solids, total suspended	1 - Effluent Gross 0	- Perm	Permit Req.		î	35 30DA AVG <=	70 MX 7D AV 19 - mg/L	01/30 - Monthly	GR - GRAB
		Sa	Sample			C - No Discharge	C - No Discharge		
Cloud from total [as Fe]	1 - Effluent Gross 0	Perm	Permit Req.		î		6000 DAILY MX 28 - ug/L	01/30 - Monthly	GR - GRAB
		Salu	Sample			C - No Discharge	C - No Discharge		
03582 Oil and grease	1 - Effluent Gross 0	Perm	Permit Req.			•	10 INST MAX 19 - mg/L	77/77 - Contingent	GR - GRAB
		Sai	Sample				C - No Discharge		
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	1 - Effluent Gross 0	- Perm	Permit Req. Req Mon 30DA AVG	Req Mon DAILY MX 03 - MGD				01/30 - Monthly	IN-INSTAN
84066 Oil and grease visual		panto	1,000,000						
	Citodo	Value	Value NODI	Reg Mon INST MAX 9P - N=0;Y=1	_			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

Comments No errors.

Attachments

Report Last Saved By Oxbow Mining LLC

Report Last Signed By

doug.smith@oxbow.com 2019-08-05 08:33 (Time Zone: -06:00)

GHGSMITHOXBOW

Douglas Smith

Date/Time:

GHGSMITHOXBOW Douglas Smith

Name: User:

doug.smith@oxbow.com

Permit #:	CO0000132		Dominion								
Major:	No		Permittee: Permittee Address:	iress:	Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535		Facility: Facility Location:	SAN 3737 SON	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434	LK ORK MINE	v
Permitted Feature:	016 External Outfall		Discharge:		016-A SURFACE RUNOFF TO ELK CREEK	H X	•				
Report Dates & Status											
Monitoring Period:	From 07/01/19 to 07/31/19	1/19	DMR Due Date:		08/28/19		Ctature.	Note	The state of the s		
Considerations for Form Completion	pletion		The second second				Salus.	Well	NetDMR Validated		
TOSA TOTAL ROULINITS WILL BE WANTED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR,24 HR PRECIPI MONITORING-SEE PART VIA 2.G OF RATIONALE, 30 DAY AVG IS HIGHEST MONTHLY AVG DURING SERIOD BOTO	LL BE WAIVED, AND SE	TTLEABLE SOLIDS	LMT APPLIED FOR	CHOYR,24 HR PR	TOSA TOTAL RON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10VR,24 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10VR,04 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY EVENT E	S LIMITS MAY BE WAIN	/ED FOR >10YR,24HR EV	ENT-SEE I.A.1, P	P 4-5, AND I.A.:	YR.24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2., P. 5 FOR ROMNTS, TDS	3
Principal Executive Officer											
First Name:	MIKE		Title:		PRESIDENT		T-line				
Last Name:	LUDLOW						relephone:	-0/6	9/0-929-5122		
No Data Indicator (NODI)			1								
Form NODI:	•										
Parar	Monitoring Location Season # Param. NODI	eason # Param. NODI		Quant	Quantity or Loading		Quality or Concentration	3		8	
Notice Name	P. STEERSCHOOL SECTION STREET		Qualifier 1	Value 1 Qu	Qualifier 2 Value 2 Units	Qualifier 1 Value 1	Value 2	alifier 3	Value 3 Units		
00400 рН	1 - Effluent Gross 0	1	Sample Permit Req. Value NODI			MINIMUM		<= 9 MAXIMUM		01/30 - Monthly	
00530 Solids, total suspended	1 - Effluent Gross 0		Sample Semit Boo					C - NO DISCHARGE	Scharge		
			Value NODI				<= 35 30DA AVG C - No Discharge	<= 70 DAILY MX C - No Discharge	/ MX 19 - mg/L scharge	/L 01/30 - Monthly	
00545 Solids, settleable	1 - Effluent Gross 0	ı	Sample Permit Req.				Reg Mon 30DA AVG	Rea Man	DAIL Y MY 25 - mi		
		me	Value NODI Sample				C - No Discharge	C - No Discharge	C - No Discharge	or organis	
01045 iron, total [as Fe]	1 - Effluent Gross 0	I	Permit Req.				<= 3000 30DA AVG	<= 6000 DAILY MX	ILY MX 28 - ug/L	L 01/30 - Monthly	5
			Value NODI Sample				C - No Discharge	C - No Discharge	•		
03582 Oil and grease	1 - Effluent Gross 0	1	Permit Req.					<= 10 INST MAX	MAX 19 - mg/L		₹.
		enne d	Value NODI						-	Commigent	ē
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	t plant 1 - Effluent Gross 0	ı		Req Mon 30DA AVG	Reg Mon DAILY MX 03 - MGD						
		etodos e	on allowed	C - No Discharge	C - No Discharge					O130 - Monthly	
84066 Oil and grease visual	1 - Effluent Gross 0	1	Permit Req.		Req Mon INST MAX 9P - N=0:Y=1					01/30 - Monthly	
Submindian Man		Es.	Value NODI		C - No Discharge					O POOL MICH	
Submission Note											

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.

No errors.

Attachments

Oxbow Mining LLC No attachments.
Report Last Saved By

Report Last Signed By

doug.smith@oxbow.com 2019-08-05 08:33 (Time Zone: -06:00)

GHGSMITHOXBOW

Douglas Smith

User:

GHGSMITHOXBOW

Douglas Smith doug.smith@oxbow.com

Location:
Permitted Feature: 017 External Outfall Discharge: 917-A SUBF RUNOFF TO N FK GLINIS RIV
Report Dates & Status
Monitoring Period: From 07/01/19 to 07/31/19 DMR Due Date: 08/28/19

- 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	DENT									
Last Name:	LUDLOW										reiepnone:		9/0-929-5122			
No Data Indicator (NODI)																
Form NODI:	•															
Parameter	Monitoring Location Season # Param. NODI	n Seaso	n # Param. NOE	2		Quantity or Loading	no									
Code Name				Qual	Qualifier 1 Value 1		Value 2	Unite Oualiflar 1	Value		4	100			# of Ex. Frequency of Analysis Sample Type	sis Sample Type
				Sample			2000 500000		Amus I	Anamilier 2	z value z Qualmer 3	qualine	Value 3	Units		
00400 pH	1 - Effluent Gross	0	1	Permit Req.				Y	6.5 MINIMUM			î	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
				Sample					C - No Discharge				C - No Discharge			
00530 Solids, total suspended	1 - Effluent Gross	0	1	Permit Req.						î	35 30DA AVG	î	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
				Sample							C - No Discharge		C - No Discharge			
00045 Solids, settleable	1 - Effluent Gross	0	ľ	Permit Req.							Req Mon 30DA AVG	(J)	Req Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAB
				Sample							C - No Discharge		C - No Discharge			
01045 iron, total [as Fe]	1 - Effluent Gross	0	1	Value NOD						î	3000 30DA AVG	î	6000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
				Sample							C - No Discharge		C - No Discharge			
03582 Oil and grease	1 - Effluent Gross	0	1	Permit Req. Value NODI								î	10 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow is specific to the control of the contro				Sample									C in Cincinnigo			
occorriow, in conduit or thru treatment plant 1 - Effluent Gross	plant 1 - Effluent Gross	0	1	Permit Req.	Reg Mon 30DA AVG	G	Req Mon DAILY MX 03 - MGD	8							01/30 - Monthly	IN - INSTAN
				Sample	C - No Discharge		C - No Discharge									
84066 Oil and grease visual	1 - Effluent Gross	0	ı	Permit Req.		20	Req Mon INST MAX 9P - N=0;Y=1	I=0;Y=1							01/30 - Monthly	VI - VISUAL
Cubmission Note							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.

No errors.

Comments

No attachments.
Report Last Saved By
Oxbow Mining LLC

Attachments

GHGSMITHOXBOW

Douglas Smith
doug.smith@oxbow.com
2019-08-05 08:32 (Time Zone: -06:00)

E-Mail:

Date/Time:

Report Last Signed By

GHGSMITHOXBOW

Douglas Smith
doug.smith@oxbow.com
2019-08-05 09:10 (Time Zone: -06:00)

User: Name: E-Mail:

Permit							
Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES	RK MINES	
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434		
Permitted Feature:	019 External Outfall	Discharge:	019-A SURFACE RUNGEE TO HURBARD ORK				
Report Dates & Status		-					
Monitoring Period:	From 07/01/19 to 07/31/19	DMR Due Date:	08/28/19	Status:	Nia+DMD Valida+ad		
Considerations for Form Completion	npletion			outus.	NetDMR validated		
TSS & TOTAL IRON LIMITS W MONITORING-SEE PART VI.	VILL BE WAIVED, AND SETTLEABLE SOLID	SLMT APPLIED FOR <=10,24HR P	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT 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 ROMNTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING REPORTING PERIOD.	WAIVED FOR >10YR.24HR EVENT-SE	E I.A.1,PP 4-5, AND I.A.2, P 5 FOR F	QMNTS.TDS	
Principal Executive Officer							
First Name:	MIKE	Title:	PRESIDENT	Telephone:	970-929-5122		
Last Name:	LUDLOW			respirate.	970-929-0122		
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	Quality or Concentration Value 1 Qualifier 2 Value 2 Qua	ilfler 3 Value 3 Units	# of Ex. Frequency of Analysis Sample Type	sis Sample Type
00400 pH	1 - Effluent Gross 0	Sample Permit Req. Value NODI	>= 6.5 ×	rge	MAXIMUM - No Discharge	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	Sample Sample		<= 35 30DA AVG <= C- No Discharge		01/30 - Monthly	GR - GRAB
00545 Solids, settleable	1-Effluent Gross 0	Permit Req. Value NODI Sample		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge	01/30 - Monthly	GR - GRAB
01045 iron, total [as Fe]	1 - Effluent Gross 0	Permit Req. Value NODI Sample		<= 3000 30DA AVG <= C - No Discharge	6000 DAILY MX 28 - ug/L C - No Discharge	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1-Effluent Gross 0	Permit Req. Value NODI Sample		î	10 INST MAX 19 - mg/L C - No Discharge	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	nt plant 1 - Effluent Gross 0	Permit Req. Req Mon 30DA AVG Value NODI C - No Discharge Sample	G Req Mon DAILY MX 03 - MGD C - No Discharge			01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual Submission Note	1-Effluent Gross 0	Permit Req. Value NODI	Reg Mon INST MAX 9P - N=0,Y=1 C - No Discharge			01/30 - Monthly	VI - VISUAL
If a parameter row does not co	ntain any values for the Sample nor Effluent T	rading, then none of the following fie	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.	ursions, Frequency of Analysis, and Sam	nple Type.		
No errors.							
Comments							
Attachments							
No attachments.							
Report Last Saved By							
Oxbow Mining LLC							
User:	GHGSMITHOXBOW	(BOW					
Name:	Douglas Smith	5					
E-Mail:	doug.smith@oxbow.com	xbow.com					
Date/ I me:	2019-08-05 0	2019-08-05 08:31 (Time Zone: -06:00)					
Report Last Signed By							

User:
Name:
E-Mail:
Date/Time:

GHGSMITHOXBOW
Douglas Smith
doug.smith@oxbow.com
2019-08-05 09:10 (Time Zone: -06:00)