

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> Fri, Feb 1, 2019 at 12:32 PM

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 January 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

20190201 January DMR's to CDRMS.pdf 4155K

DMR Copy of Record

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Major:	No No		Permittee:		Oxbow Mining LLC		Facility:		SANBORN	SANBORN CRK & ELK CRK MINES	ORK MINES	
- Hereit	į		Permittee Address:		PO Box 535 Somerset, CO 81434-0535		Facility Location:	Ħ	3737 HIGHWAY 133 SOMERSET, CO 81434	NAY 133 F. CO 81434		
Permitted Feature:	007 External Outfall		Discharge:		007-A SEDIMENT POND TO HUBBARD CREEK		-					
Report Dates & Status												
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Considerations for Form Completion	pletion						cuarus.		Netuwik Validated	lidated		
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Last Name:	Ludlow						relepitone:		7710-676-076	2		
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Attachments ^{No} attachments. Report Last Saved By Oxbow Mining LLC Name: E-Mail: E-Mail: User: Date/Time: Report Last Signed By User: Date/Time: Name: No errors. Comments GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2019-02-01 09:40 (Time Zone: -07:00) Douglas Smith doug.smith@oxbow.com 2019-02-01 09:46 (Time Zone: -07:00) GHGSMITHOXBOW

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Permit Permit #:									
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Permitted Feature:	009 External Outfall	Discharge:	009-A SURF RUNOFF TO N FK GUNIS RIVR						
Report Dates & Status									
Monitoring Period:	From 01/01/19 to 01/31/19	DMR Due Date:	02/28/19	Statue					
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Principal Executive Officer									
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Discourse of the second	e) 1 - Effluent Gross	00545 Solids, settleable	00530 Solids, total suspended 1 - Effluent Gross	00400 pH 1 - Effluent Gross	Code Name	Parameter Monitoring Location	Form NODI:	No Data Indicator (NODI)	Last Name: Ludlow	First Name: Mike	Principal Executive Officer	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 RQMNTS.TDS MONITORING-SEE PART VI.A.2, G OF RATIONALE, 30 DAY AVG. IS HIGHEST MONITHLY AVG., DURING PERIOD REPART.	Considerations for Form Completion	Monitoring Period: From 01/01/19 to 01/31/19	Report Dates & Status	Permitted Feature: 012 External Outfall	Major:	Permit #: CO0000132	Permit
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ortop pri	1 - Effluent Gross	0	9	Permit Req.						>= 6.51	6.5 MINIMUM			1	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
				Value NODI						C-1	C - No Discharge			0	C - No Discharge			
	1			Sample											Sector Sector Sec			
cocco contra, scar anapointed	I - Emuent Gross	C	ł	Permit Req.							^	AII 35	30DA AVG	<= 7	70 DAILY MX	19 - mn/l	01/30 - Monthly	
				Value NODI								0	C - No Discharge		C - No Discharge	- mgr	o noo - montuny	
				Sample														
00545 Solids, settleable	1 - Effluent Gross	0	;	Permit Req.								Re	Reg Mon 30DA AVG		Reg Mon DAll Y MX	25 ml /	D1/20 - Monthly	
				Value NODI											Red MOH DAILY MA 23 - MUC	- 20 - MUL	U1/30 - Monthly	GR - GRAB
				Sample								C	C - No Discharge	0	C - No Discharge			
01045 Iron, total [as Fe]	1 - Effluent Gross	0	,	Permit Req.												:		
				Value NODI								1	SAM WITH DIR	а а	6000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
				Cample								0	C - No Discharge	0	C - No Discharge			
03582 Oil and grease	1 - Effluent Gross	0	ſ	Permit Reg.														
				Value NODI										1	I No Diobard	19 - mg/L	///// - Contingent	GR - GRAB
SODSD Flow in conduit or their teatmost slowt 1 Efficient Original				Sample														
		c		Leunit ved.	In have	Ned Mon 200A AVG	Keq M	Keq Mon DAILY MX 03 - MGD	03 - MGD								01/30 - Monthly	IN - INSTAN
				Value NODI	C - No D	C - No Discharge	C - No	C - No Discharge									frame and	
84066 Oil and grease viewal				Sample														
	- Lindent Oldas	c	1	Permit Keq.			Req M	Req Mon INST MAX 9P - N=0;Y=1	9P - N=0;Y=1								01/30 - Monthly	VI - VISUAL
				Anna MODI			C - No	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	any values for th	le Sampl	e nor Effluent	Trading, ther	none of the foll	owing fields	will be submit	tted for that r	ow: Units, N	umber of Exc	ursions, Fre	quency of	Analysis, and	Sample Tvp	Ð			
Edit Check Errors														at a summer				
No errors.																		
Comments																		
Attachments																		
No attachments.																		
Report Last Saved By																		
Oxbow Mining LLC																		

Submission Nation	Value NODI	C - No Discharge	o roor - oorio	ALL ALOUNT
If a parameter row does not contain any values for	r the Sample nor Effluent Trading, then none of the followin	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 Exercisions of Analysis and Sample Trading.		
Edit Check Errors		in a second s		
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:	2019-02-01 09:42 (Time Zone: -07:00)			
Report Last Signed By				
User:	GHGSMITHOXBOW			

Douglas Smith doug.smith@oxbow.com 2019-02-01 09:46 (Time Zone: -07:00)

Name: E-Mail: Date/Time:

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Permit								
Permit #:	C00000132	Permittee:	Oxbow Mining LLC		Facility:	SANBORN COM		
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535		Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434	SOMERSET. CO 81434	
Permitted Feature:	013 External Outfall	Discharge:	013-A RUNOFF TO N FORK GUNNISON B	σ				
Report Dates & Status		-		4 IC				
Monitoring Period:	From 01/01/19 to 01/31/19	DMR Due Date:	02/28/19					
Considerations for Form Completion	oletion	-			status:	NetDMR Validated	ted	
TSS & TOTAL IRON LIMITS WIL MONITORING-SEE PART VI.A.2	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	DS LMT APPLIED FOR <=10YR,24HR	PRECIP EVENT;SETTLEABLE SOLIDS	S LIMIT MAY BE WAIVED F	FOR >10YR,24HR EVENT-S	SEE I.A.1, PP 4-5, AND I.A	A.2, P. 5 FOR ROMNTS.TDS	0
Principal Executive Officer								
First Name:	Mike	Title:	President		!			
Last Name:	Ludlow				reiepnone:	970-929-5122		
No Data Indicator (NODI)		-						
Form NODI:	•							
Code Name	Monitoring Location Season # Param. NODI	Duralities of Martin A			Quality or Concentration		# of Ex. Frequency of Analysis Sample Type	nalysis Sample Type
		Sample	Aconition 2 Value 2 Units	Qualitier 1 Value 1 Qu	Qualifier 2 Value 2 Qua	Qualifier 3 Value 3	Units	
00400 PH	1 - Effluent Gross 0 -	Permit Req. Value NODI		>= 6.5 MINIMUM C - No Discharge	â	9 MAXIMUM 12 C - No Discharge	12 - SU 01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	Sample Permit Req. Value NODI		ŝ	35 30DA AVG		19 - mg/L 01/30 - Monthly	GR - GRAB
00545 Soliids, settleable	1 - Effluent Gross 0	Sample Permit Reg.			Reg Man 30DA AVG			
		Value NODI Sample			C - No Discharge	C - No Discharge		GV - GVAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	Permit Reg. Value NODI		î	3000 30DA AVG <=		28 - ug/L 01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Grees D	Sample			C - NO Discharge	C - No Discharge		
		Value NODI			î	10 INST MAX 19 C - No Discharge	19 - mg/L 77/77 - Contingent	nt GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	plant 1 - Effluent Gross 0	Permit Req. Req Mon 30DA AVG	Reg Mon DAILY MX 03 - MGD					
							01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual	1 - Effluent Gross D	Sample Dernit Den						
		Value NODI	C - No Discharge				01/30 - Monthly	VI - VISUAL
Submission Note			ç					
If a parameter row does not contain	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 Tree	Trading, then none of the following field	ds will be submitted for that row: Units, N	lumber of Excursions. Frequ	uency of Analysis and Same	Ne Tune		
Edit Check Errors								
NU endra.								

Date/Time:	E-Mail:	Name:	User:	Report Last Signed By	Date/Time:	Name: E-Mail:	User:	Oxbow Mining LLC	Report Last Saved By	No attachments.	Attachments	Comments
2019-02-01 09:46 (Time Zone: -07:00)	doug.smith@oxbow.com	Douglas Smith	GHGSMITHOXBOW		2019-02-01 09:42 (Time Zone: -07:00)	Douglas Smith	GHGSMITHOXBOW					

DMR Copy of Record							
Permit							
Permit #:	C00000132	Permittee:	Oxbow Mining LLC	Facility			
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	SANDURN CRY & ELK CRK MINES	CRR MINES	
Permitted Feature:	014 External Outfall	Discharge:	014-A				
Report Dates & Status		-					
Monitoring Period:	From 01/01/19 to 01/31/19	DMR Due Date:	02/28/19	2.			
Considerations for Form Completion	pletion	-	- The second	status:	NetDMR Validated		
TSS & TOTAL IRON LIMITS WI MONITORING-SEE PART VI.A.	LL BE WAIVED, AND SETTLEABLE SOL 2.G OF RATIONALE. 30 DAY AVG. IS HI	IDS LMT APPLIED FOR <=10YR,24H	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;SET LEABLE SOLIDS LIMIT AVENT;SET LEABLE SOLIDS LIMIT M	FOR >10YR,24HR EVENT-SEE I	.A.1,PP 4-5, AND I.A.2, P. 5 Fi	OR ROMNTS.TDS	
Principal Executive Officer							
First Name:	Mike	Title.		-			
Last Name:	Ludlow	- ine:	Fresident	Telephone:	970-929-5122		
No Data Indicator (NODI)		-					
Form NODI:	-						
Parameter Code Name	Monitoring Location Season # Param. NODI		ling	Quality or Concentration	50#	# of Ex. Frequency of Analysis Samnle Tune	Sample Tune
00400 pH	1 - Effluent Gross 0 -		>= 6.5 MINIMUM	Quaimer 2 Value 2 Qualifier 3 <= 9	Value 3 Units MAXIMUM 12 - SU	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1-EffluentGross 0	Sample Permit Req. Value NODI		G - No Discharge	70 DAILY MX 19 - mg/L	01/30 - Monthly	GR - GRAB
00545 Solids, settleable	1 - Effluent Gross 0	Sample Permit Req. Value NODI Sample		Req Mon 30DA AVG C - No Discharge	C - NO 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	ĥ	3000 30DA AVG <=	6000 DAILY MX 28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Sample Permit Req. Value NODI		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	plant 1 - Effluent Gross 0	Permit Req. Req Mon 30DA AVG Value NODI C - No Discharge	VG Req Mon DAILY MX 03 - MGD C - No Discharge			01/30 - Monthly	IN - INSTAN
84066 Oll 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
if a particular mote	· · · · · · · · · · · · · · · · · · ·						
If a parameter row does not cont Edit Check Errors	ain any values for the Sample nor Effluen	t Trading, then none of the following fi	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	uency of Analysis, and Sample Ty	vpe.		
No errors.							
Comments							
Attachments							
Report Last Saved By							
Oxbow Mining LLC							

User: Name: E-Mail: Date/Time: E-Mail: User: Name: Report Last Signed By Date/Time: GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2019-02-01 09:43 (Time Zone: -07:00) Douglas Smith doug.smith@oxbow.com 2019-02-01 09:46 (Time Zone: -07:00) GHGSMITHOXBOW

DMR Copy of Record

Permit #:	C00000132	Permittee:	Oxhow Mining 110				
Major:	N	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133	< MINES	
Permitted Feature:	015 External Outfall	Discharge:	015-A	-			
Report Dates & Status							
Monitoring Period:	From 01/01/19 to 01/31/19	DMR Due Date:	02/28/19	Chature			
Considerations for Form Completion	npletion			Status	NetDMR Validated		
30 DAY AVERAGE IS HIGHES	30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE I.B.1.D.	D REPORTED. OIL & GREASE - SEE I.F	3.1.D.				
Principal Executive Officer							
First Name:	Mike	Title:	President	Telester			
Last Name:	Ludlow			i erepnone:	970-929-5122		
No Data Indicator (NODI)							
Form NODI:	1						
	Upplication Transfer Draw #2						
Parameter Code Name	Monitoring Location Season # Param. NODI	Dualifier 1 Value 1		Quality or Concentrat		#of Ex. Frequency of Analysis Sample Type	sis Sample Type
t	1	Sample	Qualifier 2 Value 2 Units Qualifier 1	Value 2	Qualifier 3 Value 3 Units		
00400 pH	1 - Effluent Gross 0 -	Permit Req. Value NODI Samole	Y	6.5 MINIMUM C - No Discharge	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	Permit Req. Value NDDI		<= 35 30DA AVG <= C - No Discharge	70 MX 7D AV 19 - mg/L C - No Discharge	01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	Permit Req. Value NODI		<= 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		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	t plant 1 - Effluent Gross 0	Value NODI C - No Discharge	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	Value NODI	Reg Mon INST MAX 9P - N=0;Y=1 C - No Discharge			01/07 - Weekly	VI - VISUAL
If a parameter row does not con Edit Check Errors	tain any values for the Sample nor Effluer	nt Trading, then none 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.	excursions, Frequency of Analysis, and Sar	nple Type.		
No errors.							
Comments							
Attachments							
No attachments.							
Report Last Saved By							
Oxbow Mining LLC							
User:	GHGSMITHOXBOW	OXBOW					
Name:	Douglas Smith	mith					
E-Mail:	doug.smith@oxbow.com	goxbow.com					
Date/Time:	2019-02-01	2019-02-01 09:43 (Time Zone: -07:00)					
Report Last Signed By							
User	GHGSMITHOXBOW	OXBOW					
Name:	Douglas Smith	mith					
E-Mail:	doug.smith@oxbow.com	boxbow.com					
	2019-02-01	2019-02-01 09:46 (Time Zone: -07:00)					

ooooo oolids, ibial suspended	00400 pH		Code Part	Form NODI:	No Data Indicator (NODI)	Last Name:	First Name:	Principal Executive Officer	TSS & TOTAL IR MONITORING-SE	Considerations for Form Completion	Monitoring Period:	Report Dates & Status	Permitted Feature:	Permit #: Major:	Permit	DMR Copy of Record
spended			Parameter		T (NODI)			ive Officer	E PART VIJ	For Form Col	ų	Status	e:			of Recon
1 - Effluent Gross 0	1 - Effluent Gross 0		Monitoring Location Season # Param. NODI	1		Ludiow	Mike		TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR.24 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10YR.24 HR EVENT-SEE IA.1, PP 4-5, AND I.A.2., P. 5 FOR ROMNTS. TOS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.	mpletion	From 01/01/19 to 01/31/19		016 External Outfall	C00000132 No		đ
Value	Perm Value Sa	s	m. NODI						SOLIDS LM							
Permit Req. Value NODI	Permit Req. Value NODI Sample	Sample					Title:		T APPLIED FO		DMR Due Date:		Discharge:	Permittee: Permittee Address:		
		Value 1							G DURING PEI		ite:			idress:		
		Qualifier 2	Quantity or Loading				President		IR PRECIP EVE		02/28/19		016-A SURFA	Oxbow Minir PO Box 535 Somerset, C		
		Value 2	B			;	4		ENT;SETTLE		Ű		016-A SURFACE RUNOFF TO ELK CREEK	Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535		
		Units							ABLE SOLI				TO ELK CF	4-0535		
	۲ ۵	Qualifier 1							DS LIMITS I				Â			
	6.5 MINIMUM C - No Discharge	Value 1							MAY BE WA							
1 0 (i)		Qualifier 2	Q			liek	1		IVED FOR :	-	Sta			Fac		
35 30DA AVG		Qualifier 1 Value 1 Qualifier 2 Value 2	Quality or Concentration			relephone:			>10YR,24HR E		Status:			Facility: Facility Location:		
î	î	Qualifier 3	ation						VENT-SEE							
70 DAILY MX	9 MAXIMUM C - No Discharge	Qualifier 3 Value 3				970-929-5122			I.A.1, PP 4-5, AI	Notional Valuated	NotOMD Vali			SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434		
19 - mg/L	12 - SU	Units	*0						ND I.A.2., P.	uateu	ł			RK & ELK C AY 133 CO 81434		
01/30 - Monthly	01/30 - Monthly		# of Ex. Frequency of Analysis Sample Type						5 FOR ROMNTS. TI					RK MINES		
GR - GRAB	IS - INSITU		rsis Sample Type						SC							

	Date/Time:	E-Mail:	Name:		User	Report Last Signed By	Date/Time:	E-Mail:	Name:	User:	Oxbow Mining LLC	Report Last Saved By	No attachments.	Attachments	Comments	No errors.	Edit Check Errors	If a parameter row does not c	Submission Note		84066 Oil and grease visual		Souso Flow, in conduit of thru treatment plant 1 - Effluent Gross		U3062 Oil and grease			01045 Iron, total [as Fe]			00545 Solids settleable	
																		ontain any values for the :			1 - Effluent Gross		ent plant 1 - Effluent Gross		1 - Effluent Gross			1 - Effluent Gross		- Enident Gross		
2013	2010	guob	Doug	010	GHA		2019	doug.	Doug	GHG								Sample nor I			•		-		0			0		-	5	
2013-02-01 03:40 (Tittle 20the: -07:00)	-02-01 00-46	doug.smith@oxbow.com	Douglas Smith	OLIGOWII LIOVDOAN	SMITHOVEO		2019-02-01 09:44 (Time Zone: -07:00)	doug.smith@oxbow.com	Douglas Smith	GHGSMITHOXBOW								Effluent Tradir		Valu	Pern	Valu	Pern	Sa	Pern	S	Valu	Pern	S and a second	Pern	S	Valu
(1012 a001)	11111 700	N.COM		A.A.	×		(Time Zon	N.COM		W								ng, then non		Value NODI	Sample Permit Reg.	Value NODI	Permit Req.	Sample	Permit Req.	Sample	Value NODI	Permit Req.	Sample	Permit Req.	Sample	Value NODI
e: -07:00)	a. 07-001						e: -07:00)											e of the following fields w				C - No Discharge	Req Mon 30DA AVG									
																		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 Tune		C - No Discharge	Reg Mon INST MAX 9P - N=0-Y=1	C - No Discharge	Req Mon DAILY MX 03 - MGD									
																		er of Excursions. Frequer									1	ì				ŝ
																		nev of Analysis and									C - No Discharge	2000 2000 2000	C - No Discharge	Reg Mon 30DA AVG		35 30DA AVG
																	- compo	T Sample T							î		î	ł.		VG		Â
																	Jhe-	'me						C - No Discharge	10 INST MAX	O - NO Diachaige	C - No Discharge		C - No Discharge	Req Mon DAILY MX 25 - mL/L	C - NO Discharge	70 DAILY MX
																									19 - mg/L		28 - ug/L			X 25 - mL/L		19 - mg/L
																				01/30 - Monthly		o moor - internativ	01/20 - Monthly		77/77 - Contingent		01/30 - Monthly			01/30 - Monthly		01/30 - Monthly
																				VI - VISUAL			IN INCTAN		GR - GRAB		GR - GRAB			GR - GRAB		GR - GRAB

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Permit #:	C00000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES	ו ג טסג אואובט	
Major:	No	Permittee Address:	PO Box 535 Somerset: CO 81434-0535	Facility Location:	3737 HIGHWAY 133		
Permitted Feature:	017 External Outfall	Discharge:	017-A SURE RUNDEE TO N EK CUNIC DAY			4	
Report Dates & Status							
Monitoring Period:	From 01/01/19 to 01/31/19	DMR Due Date:	02/28/19	2			
Considerations for Form Completion	ompletion			oratus:	NetUMR Validated		
SEE PART VI.A.2.G OF RA	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIES FOR <=10YR,24 - SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD	LMT APPLIES FOR <=10YR,24H AVG. DURING PERIOD RPTD	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIES FOR <= 10YR,24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVERT-SEE I.A.1,PP 4-5, AND I.A.2,, P 5 FOR ROMNTS, TDS MONITORING - SEE PART VI.A.2, OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTO	BE WAIVED FOR >10YR,24HR EVE	RT-SEE I.A.1,PP 4-5, AND I.A.2.,	P 5 FOR ROMNTS. TDS MC	NITORIN
First Name:	Mike	Title:	President	Telephone:	970-929-5122		
No Data Indicator (NODI)							
Form NODI:							
Parameter	Monitoring Location Season # Param. NODI		Quantity or Loading				
Code Name		Qualifier 1 Value 1	Value 2 Units Qualifier 1	1	Utilize 9 Victor 9	# of Ex. Frequency of Analysis Sample Type	s Sample T
00400 pH	1 - Effluent Gross 0 F	Sample Permit Rec.		Amonina T	Quantier 3 Value 3 Units		
	8	Value NODI	91 6.5 M	6.5 MINIMUM C - No Discharge	<= 9 MAXIMUM 12 - SU C - No Discharge	J 01/30 - Monthly	IS - INSITU
1520 Colide total suspended		sample					
ouppor politics, total suspended	1 - Effluent Gross 0 P	Permit Req.		<= 35 30DA AVG	<= 70 DAILY MX 19 - mg/L	J/L 01/30 - Monthly	GR - GRAB
		Sample		C - No Discharge	C - No Discharge		
00545 Solids, settleable	1 - Effluent Gross 0 P	Permit Req.		Req Mon 30DA AVG	Req Mon DAILY MX 25 - mL/L	JL 01/30 - Monthly	GR - GRAB
		Samole		C - No Discharge	C - No Discharge		
					the second s		

84066 Oil and grease 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, Numbr
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, Numbr 03582 Oil and grease 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 01045 Iron, total [as Fe] 1 - Effluent Gross 1 - Effluent Gross 1 - Effluent Gross 0 0 0 0 1 ; r 1 Permit Req. Value NODI Sample Permit Req. Value NODI Sample Permit Req. Value NODI Value NODI Req Mon 30DA AVG C - No Discharge Req Mon DAILY MX 03 - MGD C - No Discharge Req Mon INST MAX 9P - N=0:Y=1 C - No Discharge ber of Exc ons. Freque Â 3000 30DA AVG <= C - No Discharge of Analysis î 10 INST MAX C - No Discharge 6000 DAILY MX 28 - ug/L C - No Discharge 19 - mg/L 77/77 - Contingent 01/30 - Monthly 01/30 - Monthly 01/30 - Monthly VI - VISUAL GR - GRAB GR - GRAB IN - INSTAN

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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:	2019-02-01 09:44 (Time Zone: -07:00)	
Report Last Signed By		
User	GHGSMITHOXBOW	
Name:	Douglas Smith	
E-Mail:	daug smith@oxbow.com	
Date/Time:	2019-02-01 08:46 (Time Zone: -07:00)	

DMR Copy of Record								
Permit								
Permit #:	CO000132	Permittee:	Oxbow Mining LLC	inina LLC	Enalita.			
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	019-A SURFACE RUNDEE TO HUBBADD ODV				
Report Dates & Status								
Monitoring Period:	From 01/01/19 to 01/31/19	DMR Due Date:	02/28/19		Chadran	N-MIN V-BJ-A-J		
Considerations for Form Completion	oletion				status:	NetDMR Validated		
TSS & TOTAL IRON LIMITS WIL MONITORING-SEE PART VI.A.	L BE WAIVED, AND SETTLEA	BLE SOLIDS LMT APPLIED FOR	<=10,24HR PRECIP EVEN	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 IA.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.	>10YR.24HR EVENT-SEE I.A.	1,PP 4-5, AND I.A.2, P 5 FOR	RQMNTS.TDS	
Principal Executive Officer								
First Name:	Mike	Title:	President		Telephone:	970-929-5122		
Last Name:	Ludiow				-			
No Data Indicator (NODI)								
Form NODI:	•							
Parameter Code Name	Monitoring Location Season # Param, NODI	Param. NODI	ę		Quality or Concentration	10#	# of Ex. Frequency of Analysis Sample Type	s Sample Type
00400 pH	1 - Etailort Cross	Sample	- unor -	value 2 Units Qualifier 1 Value 1 Que	Qualifier 2 Value 2 Qualifier 3	Value 3 Units		
		Value NODI		>= 6.5 MINIMUM C - No Discharge	â	9 MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	- Permit Req.		٥	35 30DA AVG			
		Value NODI Sample			ge	C - No Discharge	0 i/30 - Monthly	GK - GKAB
UUD40 Solids, settleable	1 - Effluent Gross 0	Permit Req. Value NODI			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		A.	3000 30DA AVG <=	6000 DAILY MX 28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Permit Req.			î	10 INST MAX 19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment		Sample				C - No Discharge		
ייייייייייייייייייייייייייייייייייייי	prant i - emitient Gross g	Permit Req. Re Value NODI C - Sample	C - No Discharge C -	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	с л	Req Mon INST MAX 9P - N=0;Y=1 C - No Discharge			01/30 - Monthly	VI - VISUAL
If a parameter row does not cont	ain any values for the Sample n	or Effluent Trading, then none of the	e following fields will be sub	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.	ency of Analysis, and Sample T	vpe.		
No errors.								
Comments								
Attachments								
No attachments.								
Report Last Saved By								
User	φ	GHGSMITHOXBOW						
Name:	8	Douglas Smith						
E-Mail:	do do	doug.smith@oxbow.com						
Date/Time:	20	2019-02-01 09:45 (Time Zone: -07:00)	0)					
Report Last Signed By								
User:	្	GHGSMITHOXBOW						
E-Mail:	88	Douglas Smith doug.smith@oxbow.com						
Date/Time:	20	2019-02-01 09:46 (Time Zone: -07:00)	0					