

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

NetDMR COR Submission for: CO0000132

Doug Smith <Doug.Smith@oxbow.com> To: "leigh.simmons@state.co.us" <leigh.simmons@state.co.us> Cc: Mike Ludlow <Mike.Ludlow@oxbow.com>

Tue, May 1, 2018 at 9:38 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 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

- International Contention

Permit

00400 pH		Code Name	Parameter	Form NODI:	No Data Indicator (NODI)	Last Name:	First Name:	TSS & TOTAL IRON LIMITS MONITORING-SEE PART V Principal Executive Officer	Considerations for Form Completion	Monitoring Period:	Report Dates & Status	Permitted Feature:	Permit #: Major:
1 - Effluent Gross 0			Monitoring Location Season # Param, NODI		(IC	Ludlow	Mike	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. Principal Executive Officer	m Completion	From 04/01/18 to 04/30/18		019 External Outfall	C00000132 No
Permit Req. Value NODI	Sample		NODI		-		Title:	OLIDS LMT APPLIE HIGHEST MONTHL		DMR Due Date:		Discharge:	Permittee: Permittee
	I DUDA I	Dualifior 1 Valu						D FOR <=10,24 Y AVG DURING		Date:		ë	Permittee: Permittee Address:
	e i Qualitier 2 Value 2		Duantity or Londing				President	HR PRECIP EVENT;SET		05/28/18		019-A SURFACE RUN	Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535
	iue 2 Units							TLEABLE SOLIDS				019-A SURFACE RUNOFF TO HUBBARD CRK	LLC 81434-0535
¥ €,	Qualifier 1							S LIMIT MAY B				2D CRK	
6.5 MINIMUM C - No Discharge	Value 1 Qualifier 2							E WAIVED FO					
		Quality or Concentration				l reichione.	Telephone:	DR >10YR.24HR EV		Status:			Facility: Facility Location:
î	Value 2 Qualifier 3	entration						ENT-SEE I.A.					ation:
9 MAXIMUM C - No Discharge	3 Value 3					771.0-676-076	070 000 54	1,PP 4-5, AND I./	INCLUMIN VAIIDALED	Not THE V			SANBORN CRK & EI 3737 HIGHWAY 133 SOMERSET, CO 814
12 - SU	Units	=				2	3	4.2, P 5 FOF	Indated	lidated			SANBORN CRK & ELK 3737 HIGHWAY 133 SOMERSET, CO 81434
01/30 - Monthly		# of Ex. Frequency of Analysis Sample Type						ROMNTS.TDS					SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434
IS - INSITU		vsis Sample Type											

84066 Oil and grease visual 03582 Oil and grease 01045 Iron, total [as Fe] 00545 Solids, settleable 00530 Solids, total suspended 50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 0 0 0 0 0 1 1 I. : : 1 Sample Permit Ray Sample Permit Ray Value NODI Sample Permit Ray Value NODI Sample Sample Sample Permit Ray 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 î î 35 30DA AVG C - No Discharge 3000 30DA AVG C - No Discharge Req Mon 30DA AVG C - No Discharge î â î 10 INST MAX C - No Discharge 6000 DAILY MX C - No Discharge 70 MX 7D AV C - No Discharge Req Mon DAILY MX 25 - mL/L C - No Discharge NO Discharge 19 - mg/L 28 - ug/L 19 - mg/L 01/30 - Monthly 01/30 - Monthly 01/30 - Monthly 77/77 - Contingent 01/30 - Monthly 01/30 - Monthly VI - VISUAL GR - GRAB GR - GRAB IN - INSTAN GR - GRAB GR - GRAB

Submission Note

If a parameter row does not contain any values for the Sample nor Efflu ent Trading

Edit Check Errors	Edit Check Errors	 e, une compre i glos.	
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)		

Permit	DMR
	Copy
	of Record

	COUUUUT3Z	Permittee:	Oxbow Mining LLC	Facility:	SANRORN COK & ELK COK MINICS
Major:	М	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133
Permitted Feature:	017 External Outfall	Discharge:	DIT-A	-	
Report Dates & Status					
Monitoring Period:	From 04/01/18 to 04/30/18	DMR Due Date:	05/28/18	Status:	NotOND V-III-Actor
Considerations for Form Completion	Completion	-		status.	NetUMR Validated
Permittee Feature: 017 Permittee Address: Permittee Feature: 017 Discharge: Report Dates & Status External Outfall Discharge: Report Dates & Status From 04/01/18 to 04/30/18 DMR Due Date: Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE WAVED, AND SETTLEABLE SOLIDS LIMIT APPLIES FOR <=10YR.241	Permitted Feature: 017 Discharge: DIScharge: 017-A Somerset. CO 8143-0535 Facility Location: 3737 HIGHWAY 133 Permitted Feature: 017 External Outfail Discharge: 017-A Somerset. CO 8143-0535 Facility Location: 3737 HIGHWAY 133 Report Dates & Status External Outfail Discharge: 017-A SURF RUNOFF TO N. FK GUNIS RIV SomErset. CO 81434 Monitoring Period: From 04/01/18 to 04/30/18 DMR Due Date: 05/28/18 Status: NetDMR Vaidated Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE WARVED, AND SETTLEABLE SOLIDS LMT APPLIES FOR saftre 2449 paperio Botton for Form Completion Status: NetDMR Vaidated	Permittee Address: Discharge: DMR Due Date:	PO Box 555 Somerset, CO 81434-0535 017-A SURF RUNOFF TO N. FK GUNIS RIV 05/28/18	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434 NetDMR Validated

First Name: Principal Executive Officer Mike Title: President Telephone: 970-929-5122 ITORING

Last Name: No Data Indicator (NODI) Code Form NODI: Parameter Name Ludlow 1 Monitoring Location Season # Param, NODI Sample
 OuseNty or Loading
 # of Ex
 Frequency of Analysis Sample Type

 Qualifier1
 Value1
 Qualifier2
 Value2
 Qualifier2
 Value3
 Units
 Frequency of Analysis Sample Type

Submission Note	84066 Oil and grease visual	S0050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	COOL OI AND GEORG		01045 Iron, total [as Fe]	occes solice, settleadle		00530 Solids, total suspended	00400 pH
	1 - Effluent Gross	nt 1 - Effluent Gross	1 - Effluent Gross		1 - Effluent Gross	1 - Effluent Gross		1 - Effluent Gross	1 - Effluent Gross
	0	0	0		0	0		0	0
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Value NODI	Sample Permit Req.	Permit Req. Value NODI	Permit Req. Value NODI Sample	Value NODI Sample	Sample Permit Req.	Permit Req. Value NODI	Value NODI Sample	Sample Permit Req.	Permit Req. Value NODI
		Req Mon 30DA AVG C - No Discharge							
C - No Discharge	Req Mon INST MAX 9P - N=0;Y=1	Req Mon DAILY MX 03 - MGD C - No Discharge							X
				1	ì		1		6.5 MINIMUM C - No Discharge
			î	C - No Discharge		Reg Mon 30DA AVG	C - No Discharge		î
			10 INST MAX C - No Discharge	C - No Discharge		Req Mon DAILY MX 25 - mL/L	C - No Discharge	C NO USUBIGO	9 MAXIMUM
			19 - mg/L	28 - ug/L		X 25 - mL/L	19 - mg/L		12 - SU
o noo moneny	D1/30 - Monthly	01/30 - Monthly	77/77 - Contingent	01/30 - Monthly		01/30 - Monthly	01/30 - Monthly		01/30 - Monthly
		IN - INSTAN	GR - GRAB	GR - GRAB		GR - GRAB	GR - GRAB		IS - INSITU

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. Comments Edit Check Errors No errors.

Name: E-Mail: Date/Time:	User:	Report Last Signed By	E-Mail: Date/Time:	Name:	User:	Oxbow Mining LLC	No attachments.	Attachments
Douglas Smith doug smith@oxbow.com 2018-05-01 08:12 (Time Zone: -06:00)	GHGSMITHOXBOW		doug.smith@oxbow.com	Douglas Smith	GHGSMITHOXBOW			

DMR Copy of Record									
Permit									
井	CO0000132	Permittee:	Oxbow Mining LLC	Far					
Major: No		Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Fac	Facility Location:	3737 HIGHWAY 133	Y 133	nines	
Permitted Feature: 016 Extern	016 External Outfall	Discharge:							
Report Dates & Status			SUMPACE RUNOFF ID ELR CREEK						
Monitoring Period: From	From 04/01/18 to 04/30/18	DMR Due Date:	05/28/18	2					
Considerations for Form Completion			01 102 100	Sta	Status:	NetDMR Validated	ited		
TSS & TOTAL IRON LIMITS WILL BE WI MONITORING-SEE PART VI.A.2.G OF R	AIVED, AND SETTLEABLE SOLIDS	LMT APPLIED FOR <=10YR,24 HR P	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 I.A.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	MAY BE WAIVED FOR :	10YR,24HR EVENT-SI	EE I.A.1, PP 4-5, ANI	1.A.2., P. 5 FO	R ROMNTS TO	
Principal Executive Officer									
First Name: Mike		Title:	Drocidont						
Last Name: Ludiow	z			Tel	Telephone:	970-929-5122			
No Data Indicator (NODI)									
Form NODI: -									
	Monitoring Location Season # Param. NODI	Quan	Quantity or Loading	2					
		Qualifier 1 Value 1 Q	Qualifier 2 Value 2 Units Qualifier 1	Value 1 Qualifier 2	2 Value 2 Qualifie	Qualifier 3 Value 3	Units # of Ex. P	# of Ex. Frequency of Analysis Sample Type	is Sample Type
1- E	1 - Effluent Gross 0	Permit Req. Value NODI	C 51	6.5 MINIMUM C - No Discharge	î	9 MAXIMUM 1		01/30 - Monthly	IS - INSITU
00530 Solids, total suspended 1 - E	1 - Effluent Gross 0 - P	Permit Req. Value NODJ		â	35 30DA AVG <= C - No Discharge		19 - mg/L 0	01/30 - Monthly	GR - GRAB
	1 - Effluent Gross 0 - P	Permit Req. Value NODI		0.7	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge		01/30 - Monthly	GR - GRAB
<u>e</u>	1 - Effluent Gross 0 - P	Permit Req. Value NODI Sample		Î Ω ω	3000 30DA AVG <= C - No Discharge		28 - ug/L 0	01/30 - Monthly	GR - GRAB
50050 Elow in conduit or they transmission in a conduction of the statement of the statemen		Permit Req. Value NODI Sample			î	10 INST MAX 1 C - No Discharge	19 - mg/L 71	77/77 - Contingent	GR - GRAB
	1	Value NODI C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge				0	01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual 1 - Ei Submission Note	1 - Effluent Gross 0 P	Sample Permit Reg. Value NODI	Req Mon INST MAX 9P - N=0:Y=1 C - No Discharge				0	01/30 - Monthly	VI - VISUAL
If a parameter row does not contain any va Edit Check Errore	alues for the Sample nor Effluent Tra	iding, then none of the following fields v	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.	cursions, Frequency of	Analysis, and Sample	Type.			
No errors.									
Comments									
Attachments									
No attachments.									
Report Last Saved By Oxbow Mining LLC									
User	GHGSMITHOXBOW	00W							
Name:	Douglas Smith								
E-Mail:	doug.smith@oxbow.com	oow.com							
Date/Time:	2018-05-01 08:	2018-05-01 08:07 (Time Zone: -06:00)							
Report Last Signed By									
Usen	GHGSMITHOXBOW	WO1							
Name: E-Mail	Douglas Smith								
Date/Time:	doug.smith@axbow.com	bow.com							

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Permit

Permit #·		South and the second							
Major:	No	Permittee Permittee	Permittee: Permittee Address:	Oxbow Mining LLC PO Box 535	Facility:	lity:	SANBORN CRK & ELK CRK MINES	< MINES	
	-			Somerset, CO 81434-0535			SOMERSET, CO 81434		
Permitted Feature:	015 External Outfall	Discharge:	le:	015-A	-		SOMERSEI, CO 81434		
Report Dates & Status				UISCHARGE TO ELK CREEK					
Monitoring Period:	From 04/01/18 to 04/30/18	DMR Due Date:	- Data-	A514014 0					
Considerations for Form Completion	pletion			01/02/00	Status:	:ST	NetDMR Validated		
30 DAY AVERAGE IS HIGHES	30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE 18 1 D	RIOD REPORTED OIL &	GREASE - SEE ID 1	,					
Principal Executive Officer			- OT 100 - OLE 1.0. 1.1	Ļ					
First Name:	Mike	Title:			-				
Last Name:	Ludlow	1146.		President	Tele	Telephone:	970-929-5122		
No Data Indicator (NODI)									
Form NODI:									
Parameter	Monitoring Location Season # Bass	NOR							
Code Name	B			Quantity or Loading		Ovality of Concentration			
È		Sample	Value 1	Value 2 Units	Qualifier 1 Value 1 Qua	Qualifier 2 Value 2 Qualifier 3	Value 3 Units	# of Ex. Frequency of Analysis Sample Type	is Sample Type
	Elinent Gross 0 -	Permit Req. Value NODI			>= 6.5 MINIMUM	î	9 MAXIMUM 12 - SU	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	Sample Permit Req.			1		C - NO Discharge		
		Value NODI			1	C - No Discharge	70 MX 7D AV 19 - mg/L	01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	Permit Req.							
		Value NODI			î	C - No Discharge	6000 DAILY MX 28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Dannit Dan				c	e e e e e e e e e e e e e e e e e e e		
		Value NODI				î	10 INST MAX 19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Efficient Conce	2	Sample					C - No Discharge		
		Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD				01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual		Sample	9						
2	- Lincold Global C	Permit Req.		Req Mon INST MAX 9P - N=0;Y=1					
Submission Note		Value NODI		C - No Discharge				01/07 - Weekly	VI - VISUAL
If a parameter row does not cont	ain any values for the Sample nor Efflu	Jent Trading then none of	of the following following						
Edit Check Errors	Edit Check Errors		the color Busices of	i be sublittled for that row: Units, N	umber of Excursions, Freque	ency of Analysis, and Sampl	e Type.		
No errors.									
Comments									
Attachments									
No attachments.									
Report Last Saved By									
Oxbow Mining LLC									

User: Name: E-Mail: Date/Time:	User: Name: E-Mail: Date/Time: Report Last Signed By	regeneringens. Report Last Saved By Oxbow Mining LLC	Attachments
GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2018-05-01 08:12 (Time Zone: -06:00)	GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2018-05-01 08:07 (Time Zone: -06:00)		

Permit									
Permit #: Major:	C00000132 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	RK & ELK CRI AY 133	K MINES	
Permitted Feature:	014 External Outfall	Discharge:	014-A				00 01434		
Report Dates & Status			SUAT RUNOFF TO N FR GUNNISON F	R					
Monitoring Period:	From 04/01/18 to 04/30/18	DMR Due Date:	05/28/18						
Considerations for Form Completion	pletion		01.0704		Status:	NetDMR Validated	dated		
MONITORING-SEE PART VIA	ILL BE WAIVED, AND SETTLEABLE SC .2.G OF RATIONALE. 30 DAY AVG. IS H	HIGHEST MONTHLY AVG. DURING PE	158 & 1014L ROALMATS WILL BE WAVED, AND SETTLEABLE SOLIDS LMT 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 ROMNTS, TDS	VIT MAY BE WAIVED FOR	>10YR,24HR EVENT-SEI	E I.A. 1, PP 4-5, AND I	.A.2, P. 5 FOR	RQMNTS.TDS	
First Name:	Mike	1							
Last Name:	Ludlow	ine.	President		Telephone:	970-929-5122			
No Data Indicator (NODI)									
Form NODI:	1								
Parameter Code Name	Monitoring Location Season # Param. NODI		Quantity or Loading		Quality or Concentration				
Ĩ		Qualifier 1 Value 1	Value 2 Units	Qualifier 1 Value 1 Qualifier 2	2 Value 2 Qualifier 3	Value 3	Units # of Ex	# of Ex. Frequency of Analysis Sample Type	is Sample Type
00000		Permit Req. Value NODI Sample	ň	6.5 MINIMUM C - No Discharge	î	9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	IS - INSITU
00545 Solids settleable	1 - Effluent Gross 0 -	Permit Req. Value NODI Sample		â	35 30DA AVG <= C - No Discharge	70 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
01045 Iron, lotal [as Fe]		Value NODI Sample			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge	25 - mL/L	01/30 - Monthly	GR - GRAB
Dauge of the second		Value NODI Sample		î	3000 30DA AVG <= C - No Discharge	6000 DAILY MX 2 C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB
COLOC OIL and greate	1 - Effluent Gross 0	Permit Req. Value NODI Sample			î	10 INST MAX 1 C - No Discharge	19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	plant 1 - Effluent Gross 0	Permit Reg. Value NODI C - No Discharge	'G Req Mon DAILY MX 03 - MGD C - No Discharge					01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual	1 - Effluent Gross 0	Sample Permit Reg. Value NODI	Reg Mon INST MAX 9P - N=0;Y=1					01/30 - Monthly	VI - VISIJAI
Submission Note		THE PARTY PARTY	C - No Discharge						
If a parameter row does not cont Edit Check Errors	ain any values for the Sample nor Efflue	nt Trading, 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.	er of Excursions, Frequency	of Analysis, and Sample	Type.			
No errors.									
Comments									
Attachments									
No attachments.									
Oxbow Mining IIC									
User	GHGSMITHOXBOW	MORACI							
Name:	Douglas Smith	Smith							
E-Mail:	doug.smith	doug.smith@oxbow.com							
Date/Time:	2018-05-01	2018-05-01 08:08 (Time Zone: -06:00)							
Report Last Signed By									
User:	GHGSMITHOXBOW	IOXBOW							
Name:	Douglas Smith	Smith							
c-iviali. Date/Time:	doug.smith	doug.smith@oxbow.com							
Const Links.	2018-05-01	2018-05-01 08:12 (Time Zone: -06:00)							

DMR Copy of Record Permit Permit#: Major: Permitted Feature: Permitted Feature:	CC0000132 No 013 External Outfall	Permittee: Permittee Address: Discharge:	Oxbow Mining LLC PO Box 535 Somerset, CO 61434-0535 013-A RUNOFF TO N FORK GUNNISON R.	Facility: Facility Location:	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434	K CRK MINES	
Monitoring Period:	From 04/01/18 to 04/30/18	DMR Due Date:	05/78/18				
Considerations for Form Completion	letion		U3/20110	Status:	NetDMR Validated		
TSS & TOTAL IRON LIMITS WILL MONITORING-SEE PART VI.A.2.	G OF RATIONALE 30 DAY AVC IS L	LIDS LMT APPLIED FOR <=10YR,24HR F	TSS & TOTAL IRON UMITS WILL BE WAVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR.24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAVED FOR >10YR.2 MONITORING-SEE PART VIA 2.6 OF RATIONALE 30 DAY AVG IS MIGHERED MONTHLY AVG SUBJECT FOR STORE FOR STORE SOLIDS L	AIVED FOR >10YR,24HR EVENT-SEE	24HR EVENT-SEE I A 1 PP 4-5 AND I A 3 D 5 EOD DOMATS TOS	5 EOD DOWNITS TOS	
Principal Executive Officer							
First Name:	MELO						
	MIKE	Title:	President	Telephone:	070 000 5100		
Last Name:	Ludlow			- coopinoire.	7710-676-016		
No Data Indicator (NODI)							
Form NODI:	-						
Parameter	Monitoring Location Season # Param, NODI		Ownerlify as I and I and				
Loae Name		Qualifier 1 Value 1	Qualifier 2 Value 2 Units Qualifier 1 Value 1	1 Qualifier 2 Value 2 Qualifier 3	3 Value 3 Holt-	# of Ex. Frequency of Analysis Sample Type	is Sample Type
00400 pH	1 - Effluent Gross 0	Permit Req.	>= 6.5 MINIMUM	M		01/20 - Молны	0
		Sample	C - No Discharge	hange	irge		
uccou solias, total suspended	1 - Effluent Gross 0	Permit Req. Value NODI		<= 35 30DA AVG <= C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	01/30 - Monthly	GR - GRAB
00545 Solids, settleable	1 - Effluent Gross 0	Permit Reg. Value NODI		Req Mon 30DA AVG	Req Mon DAILY MX 25 - mL/L	01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]	0	Sample Downit Down		C - No Discharge	C - No Discharge		
a real mart water	- Emulent Gross 0 -	Permit Req. Value NODI		<= 3000 30DA AVG <= C - No Discharge	6000 DAILY MX 28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Sample Permit Req.		afriction	C - No Discharge		
		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	ant 1 - Effluent Gross 0	Permit Req. Req Mon 30DA AVG	Reg Mon DAILY MX 03 - MGD				
			C - No Discharge			01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual	>						
		Permit Req.	Req Mon INST MAX 9P - N=0;Y=1			01/20 - Monthly	VI VICILAI
Submission Note		Value NODI	C - No Discharge			0 1/30 - Monuny	VI - VISUAL
If a parameter row does not contai	in any values for the Sample nor Effluer	nt Trading, then none of the following fields					
Edit Check Errors			Edit Check Errors	is, Frequency of Analysis, and Sample T	ype.		
No errors.							
Comments							
Attachments							

No attachments. Report Last Saved By Oxbow Mining LLC Name: E-Mail: Date/Time: User: E-Mail: Name: User: Report Last Signed By Date/Time: 2018-05-01 08:12 (Time Zone: -06:00) Douglas Smith doug.smith@oxbow.com GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2018-05-01 08:08 (Time Zone: -06:00) GHGSMITHOXBOW

DMR Copy of Record							
Permit							
Permit #:	CO0000132	Permittee:	Oxhow Mining 110				
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133	
Permitted Feature:	012 External Outfall	Discharge:	012-A	-		001	
Report Dates & Status			OCONNENT FORD TO EEA CREEK				
Monitoring Period:	From 04/01/18 to 04/30/18	DMR Due Date:	0E790/40				
Considerations for Form Completion	letion		1071201	Status:	NetDMR Validated	fed	
TSS & TOTAL IRON LIMITS WILL MONITORING-SEE PART VI.A.2	G OF RATIONALE 30 DAY AVC 10	SOLIDS LMT APPLIED FOR <=10YR,24HF	TSS & TOTAL IRON LIMITS WILL BE WAVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR 4=10YR 24HR PRECIP EVENT.SETTLEABLE SOLIDS LIMIT MAY BE WAVED FOR 310YR 24HR EVENT.SEE 1A 1 BD 4 5 AVD 1 A 2 5 COND. 1 A	IAY BE WAIVED FOR >10YR 24HR EVENT.			
Principal Executive Officer			RIOU REPRIU.			A CONTRACTOR OF THE PROPERTY O	
First Name:	Mike	Title.					
Last Name:	Ludlow	- INE.	President	Telephone:	970-929-5122		
No Data Indicator (NODI)							
Form NODI:	1						
Parameter	Monitoring Location Season # Param, NODI		Quantity or Loading				
		Qualifier 1 Value 1 Sample	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	lysis Sample Type
	- childent Gloss D	Permit Req. Value NODI	Y	6.5 MINIMUM		12 - SU 01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	Sample Permit Reg.		C AND UNDERLIGENER CE 35 30DA AVG CE	C - No Discharge		
00545 Solids, settleable	1 - Effluent Gross 0	Sample Permit Rec.		ge	ge	19 - Hight U 1/30 - Monthly	GR - GRAB
		Value NODI Sample		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge	5 - mL/L 01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	Permit Req. Value NODI		<= 3000 30DA AVG <=		28 - ug/L 01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Sample Permit Req.		C - No Discharge	C - No Discharge		
		Value NODI Sample		î	10 INST MAX 19 C - No Discharge	19 - mg/L 77/77 - Contingent	GR - GRAB
SUUSU Flow, in conduit or thru treatment plant 1 - Effluent Gross	ant 1 - Effluent Gross 0	Value NODI C - No Discharge				01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual			officiences on the				
o rooo on one greese visual	1 - Effluent Gross 0	Permit Reg.	Reg Mon INST MAX 9P - N=0;Y=1			01/30 - Monthly	
Submission Note			C - NO CISCINIGE				
If a parameter row does not contain	in any values for the Sample nor Effli	Jent 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 much links. Number of Excursions Excursion				
Edit Check Errors				excursions, Frequency of Analysis, and Sam	ole Type.		
no errors.							
Comments							

Attachments No attachments. Report Last Saved By Oxbow Mining LLC E-Mail: Date/Time: Name: User: E-Mail: Name: User: Date/Time: Report Last Signed By GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2018-05-01 08:09 (Time Zone: -06:00) 2018-05-01 08:12 (Time Zone: -06:00) Douglas Smith doug.smith@oxbow.com GHGSMITHOXBOW

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Permit

Permit #: CO Major: No	0000132	Permittee:	Oxbow Mining LLC		1				
		Permittee Address:	PO Box 535 Somerset, CO 81434-0535		Facility: Facility Location:	3737 HIG	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133	CRK MINES	
Permitted Feature: 01 E	010 External Outfall	Discharge:	010-A	_		SOMERS	SOMERSET, CO 81434		
Report Dates & Status			SEDIMENT FUND TO SANBORN CREEK						
Monitoring Period: Fr	From 04/01/18 to 04/30/18	DMR Due Date:	05/38/48						
Considerations for Form Completion			01/02/0		Status:	NetDMR	NetDMR Validated		
TSS & TOTAL IRON LIMITS WILL B MONITORING-SEE PART VI.A.2.G	3E WAIVED, AND SETTLEABLE SOLIDS LM OF RATIONALE. 30 DAY AVG, IS HIGHEST	MONTHI V AVC DI IDINO DEDINI	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 MAY BE WAIVED FOR >10YR,24HR EVENT;SET LA 1 PP 4.5 AND 1.4 2 B 5 COD DOWNTO TO DOWNT	Y BE WAIVED FOR >	10YR.24HR EVENT	-SEE IA 1 DD 4-5 AM			
Principal Executive Officer			, אבדאום.				10 mm, 1.01	ON NUMBER OF	
First Name: Mi Last Name: Lu	Mike	Title:	President		Telephone:	970-929-5122	5122		
No Data Indicator (NODI)									
Form NODI:									
Parameter Code Name	Monitoring Location Season # Param. NODI	Quant	Quantity or Loading	5					
PH	,	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	Sample Type
00530 Solids, total suspended		Permit Req. Value NODI Sample	¥ 6.5	6.5 MINIMUM C - No Discharge	î	9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	IS - INSITU
		Value NODI		â	35 30DA AVG <=	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB

Code Name					Dualiflor 1 Value 4							Quality or Concentration	ation			a sales and shares and a survey of	
00400 24				Sample		Quaimer 2 Value 2	Value Z	Units	Qualifier 1	Value 1 Qualifier 2	Qualifier	2 Value 2 Qualifier 3	Qualifie	r 3 Value 3	Units	T OF LAST Frequency of Analysis Sample Type	s sample Type
	1 - Effluent Gross	0	ı	Permit Req.				,									Contractorio and a
				Value NODI				,	}	0.5 MINIMUM			î	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
				Sample						C - NO Discharge				C - No Discharge			
Daniadene ieren 'erritor	1 - Effluent Gross	0	ı	Permit Req.													
				Value NODI							A II	35 30DA AVG	ŝ	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
				Sample								C - No Discharge		C - No Discharge			
coord Control, settleable	1 - Effluent Gross	0	1	Permit Req.													
				Value NODI								Req Mon 30DA AVG	G	Req Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAB
01045 Iron Intal Ise Eat	1			Sample								C - No Discharge		C - No Discharge			
	- Cilluent Gross	G	i	Permit Req.													
				Value NODI							í	JODA AVG	î	7000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and mease		8		Sample								C - No Discharge		C - No Discharge			
	1 - Effluent Gross	0	ı	Permit Req.													
				Value NODI									î	10 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 Efficient Court		,		Sample										C - No Discharge			
		C	1	Permit Req.	Req Mon 30DA AVG		Req Mon DAILY MX 03 - MGD	3 - MGD									
				Value NODI	C - No Discharge		C - No Discharge									01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual		•		Sample			5										
	- Eniopint Gloss	C	i	Permit Req.		Re	Req Mon INST MAX 9P - N=0;Y=1	- N=0:Y=1									
Submission Note				Value NODI		c-	C - No Discharge									01/30 - Monthly	VI - VISUAL
If a parameter row does not contain an	y values for the S	ample	nor Effluent T	rading, then r	none of the following	folds will be suit.											
Edit Check Errors							Initiation for that too	W: UNITS, NU	Imper of	Excursions, Fr	equency	of Analysis, and	Sample T	ype.			
No errors.																	
Comments																	

Attachments No attachments. Report Last Saved By Oxbow Mining LLC

Report Last Signed By User: Name: E-Mail: GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2018-05-01 08:10 (Time Zone: -06:00)

E-Mail: User:

Name: Date/Time:

Date/Time:

GHGSMITHOXBOW

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

DMR Copy of Record

Submission Note	84066 Oil and grease visual 1 - Effluent Gross		Supportion, its contout of thru treatment plant 1 - Effluent Gross		1 - Effluent Gross			01045 Iron, total [as Fe] 1 - Effluent Gross		00545 Solids, settleable 1 - Effluent Gross			00530 Solids, total suspended		1 - Effluent Gross		Code Name	Parameter Monitoring	Form NODI:	No Data Indicator (NODI)	Last Name: Ludlow	First Name: Mike	NOW TO CHARLEND SWILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10VR24HR PRECIP EVENT.SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10VR,24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P. 5 FOR ROMNTS.TDS MONTHLY AVG. DURING PERIOD REPRTD. Principal Executive Officer	TSS & TOTAL IDOLLARS TO Completion	Monitoring Period: From 04/01/18 to 04/30/18	Report Dates & Status	Permitted Feature: 009 External Outfall	Major: No
	ross 0		ross 0		iross 0			noss 0		iross 0		oross u			Sross 0			Location Sea					VALE. 30 D/		18 to 04/30/		fall	
	ı		ı		ı			ı		ł		ı			1			Monitoring Location Season # Param, NODI					LEABLE SO		18			
Inchailantes	Permit Req.	Value NODI Sample	Permit Req.	Sample	Permit Req.	Sample	Value NODI	Sample	Value NODI	Permit Req.	Sample	Permit Req.	Sample	Value NODI	Permit Req.	Sample		ē				Title:	IIGHEST MONTHLY		DMR Due Date:		Discharge:	Permittee: Permittee Address:
		C - No Discharge	Req Mon 30DA AVG														Qualifier 1 Value 1	2					AVG. DURING PER		Date:		R	: Address:
C - No Discharge	Req Mon INST MAX 9P - N=0:Y=1	C - No Discharge	Reg Mon DAILY MX 03 - MGD													Units	Dualifier 2 Volue 2 11-14					President	PRECIP EVENT;SETTLEABLE SOL IOD REPRTD.		05/28/18		009-A SURF RUNOFF TO N FK GINIS BIVD	Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535
	7												C - NO DISCHAIGE		>= 65 MINIMI M	Qualifier 1 Value 1							IDS LIMIT MAY BE WAN			CIVER	SBND	
							î					î	Je.	1		Qualifier 2					-	-	VED FOR >	The second second	-		-	
						C - No Discharge	3500 30DA AVG	C - NO Discharge	Req Mon 30DA AVG		C - No Discharge	35 30DA AVIC				2 Value 2	Quality or Concentration				Telephone:		10YR,24HR EV		Status:			Facility: Facility Location:
				3	î		î		ດ		í	ì		î		Qualifier 3	ration						ENT-SEE					R
				C - No Discharge	10 NOT MAY	C - No Discharge	7000 DAILY MX	C - No Discharge	Req Mon DAILY MX 25 - mL/L		C - No Discharge		C - No Discharge	9 MAXIMUM		3 Value 3					970-929-5122		I.A.1,PP 4-5, AN	NetUNIK Validated	Nontra			SANBORN CRK & E
				18 - mg/L	5	¢	28 - ug/L		1X 25 - mL/L		19 - mg/L			12 - SU		Units	#0				22		D I.A.2, P. 5 F	alidated				SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET CO 84434
VITAL - MIDITURY	01/30 - Monthly	01/30 - Monthly		11117 - Contingent		time money	01/30 - Monthly		01/30 - Monthly		01/30 - Monthly			01/30 - Monthly			# of Ex. Frequency of Analysis Sample Tupe						OR ROMNTS.TDS					CRK MINES
VI - VISUAL		IN - INSTAN		GR - GRAB		ON - GIVE	GP - GPAB		GR - GRAB		GR - GRAB			IS - INSITU		of a submer and	Ivels Samnia Tun											

Submission Note	1 - Effluent Gross 0 Permit Req. <u>Value NOD1</u>	Req Mon INST MAX 9P - N=D:Y=1 C - No Discharge	01/30 - Monthly	VI - VISUAL
If a parameter row does not contain any value Edit Check Errors	es for the Sample nor Effluent Trading, then none of the follow	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 08:10 (Time Zone: -06:00)			
Report Last Signed By				
User:	GHGSMITHOXBOW			
Name:	Douglas Smith			
E-Mail: Date/Time:	doug.smith@oxbow.com			

i - Linnon Luoso 0 - Venine Ktod, <= 10 INST MAX Value NODI Sample For thru treatment plant 1 - Effluent Gross 0 - Permit Red, Reg Mon 30DA AVG Reg Mon DALLY MX 03 - MGD Value NODI C - No Discharge	- Pernit Reg Value NODI Sample C - No Discharge C - No Discharge C - No Discharge	1-Effuent Gross 0 - Pamic Req. >= 6.5 MINIUM <= 6.5 MINIUM ended 1-Effuent Gross 0 - Pamic Req. <= 6.5 MINIUM C-No Discharge C-No Discharge 1-Effuent Gross 0 - Pamic Req. C-No Discharge C-No Discharge C-No Discharge 1-Effuent Gross 0 - Sample C-No Discharge C-No Discharge C-No Discharge 1-Effuent Gross 0 - Sample C-No Discharge C-No Discharge C-No Discharge 1-Effuent Gross 0 - Sample C-No Discharge C-No Discharge C-No Discharge 1-Effuent Gross 0 - Sample Sample C-No Discharge C-No Discharge 1-Effuent Gross 0 - Pamic Req. Sample C-No Discharge C-No Discharge 1-Effuent Gross 0 - Pamic Req. C-No Discharge C-No Discharge C-No Discharge 1-Effuent Gross 0 - Pamic Req. C-No Discharge C-No Discharge C-No Discharge 1-Effuent Gross 0 - Pamic Req. C-No Discharge C-No Discharge C-No Discharge	PLIED FOR <=10YR 24HR PRECIP EVENT:SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT-SEE I.A.1.PP 4-5, AND NTHLY AVG. DURING PERIOD RECIP EVENT:SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT-SEE I.A.1.PP 4-5, AND The solution of the	00132 Permittee: Oxbow Mining LLC Facility: Permittee Address: PO Box 535 Po Box 535 Facility: nal Outfall Discharge: 007-A SEDIMENT POND TO HUBBARD CREEK 04/01/18 to 04/30/18 DMR Due Date: 05/28/18 Status:	DMR Copy of Record
Subje Of and grease visual 1 - Effluent Gross 0 - Sumple Sum	3500 30DA AVG C - No Discharge	ge <= 35 30DA AVG C - No Discharge Rete Mon 30DA AVG C - No Discharge	Y BE WAIVED FOR >10YR,24HR EVENT-SEE I.A.1,PP 4-5, ANI [Telephone: 970-929-5] Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Location:	
01/30 - Monthly	28 - ug/L 01/30 - Monthly 19 - mg/L 77/77 - Contingent 01/30 - Monthly	12 - SU 01/30 - Monthly 19 - mg/L 01/30 - Monthly 19 - mg/L 01/30 - Monthly 25 - mL/L 01/30 - Monthly	Units For Fragmenty of Analysis Sample Type	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET, CO 81434	
GR - GRAB	GR - GRAB	IS - INSITU GR - GRAB	sia Sample Type		