

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> Tue, Oct 2, 2018 at 11:33 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 September 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

20181001 September DMR's to CDRMS.pdf 4457K

Permit

Permit #:	CO0000132	Permittee:	9	Oxbow Mining LLC	Esoli		2000			
Major:	No	Permittee Address:		PO Box 535 Somerset, CO 81434-0535	Facility	Facility Location:	3737 HIGH	3737 HIGHWAY 133	OK MINES	
Permitted Feature:	007 External Outfall	Discharge:	28	007-A	-					
Report Dates & Status			-							
Monitoring Period:	From 09/01/18 to 09/30/18	DMR Due Date:		10/28/18	<u>-</u>					
Form Compl	letion				Status:	<u>8</u>	NetDMR Validated	lidated		
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Principal Executive Officer										
First Name:	Mike	Title:	ç	President						
Last Name:	Ludlow				Telephone:	hone:	970-929-5122	22		
No Data Indicator (NODI)										
	1									
Para	Monitoring Location Season # Param. NODI	ram. NODI	Quantit	Quantity or Loading						
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		Value NODI			<= 35 30D C - No	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			Req M	Req Mon 30DA AVG	Req Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	Permit Req.								
		Value NODI Sample			C - No	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				î	10 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
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Correct now, in comparison prior plant 1 - Efficient Gross	ant 1 - Effluent Gross 0	Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge					01/30 - Monthly	IN - INSTAN
70295 Solids, total dissolved	1 - Effluent Gross 0	Sample Permit Req.								
		Value NODI Sample			C - No	C - No Discharge	C - No Discharge	19 - mg/L	01/90 - Quarterly	GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross 0	Permit Req.		Req Mon INST MAX 9P - N=0;Y=1						
		Value NODI		C - No Discharge					01/30 - Monthly	VI - VISUAL
Submission Note										
Edit Check Errors	in any values for the Sample nor E	Effluent Trading, then none of	f the following fields wil	in 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 Ana	lysis, and Sample	Type.			
No errors.										
Comments										
Attachments										

No attachments. Report Last Saved By Oxbow Mining LLC User:

Name:

GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2018-10-02 09:23 (Time Zone: -06:00)

E-Mail: Date/Time: *Report Last Signed By* User: Name:

	03582 Oil and grease			01045 Iron, total [as Fe]			00545 Solids, settleable			00530 Solids, total suspended			00400 pH		Code Name	Parameter	Form NODI: -	No Data Indicator (NODI)	Last Name:	First Name: N	Principal Executive Officer	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR,24HR PRECIP EVEI MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRID.	Considerations for Form Completion	Monitoring Period: F	Report Dates & Status		Permitted Feature:		Major:	
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	ţ			,		2			,							tason # Param, NOD						TLEABLE SOLID		0/18						
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DMR Copy of Record									
Permit									
Permit #:	CO0000132		Permittee:	Oxbow Mining LLC		Facility:	SANRORN CRK &	בו ג סמג אווובט	
Major	No		Permittee Address:	PO Box 535 Somerset, CO 81434-0535		Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434	ELA CRA MINES 1434	
Permitted Feature:	010 External Outfall		Discharge:	010-A	ţ				
Report Dates & Status					9				
Monitoring Period:	From 09/01/18 to 09/30/18		DMR Due Date:	10/28/18		7.4.			
Considerations for Form Completion	pletion			102101		Status:	NetDMR Validated		
TSS & TOTAL IRON LIMITS WI MONITORING-SEE PART VI.A.	LL BE WAIVED, AND SETTLE 2.G OF RATIONALE. 30 DAY	ABLE SOLIDS LN	TAPPLIED FOR <=10YR,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 MONITORING-SEE PART VI.A.2, G OF RATIONALE: 30 DAY AVG. IS HIGHEST MONTHLY AVG. DUBING PERFOR REPORT.	IMIT MAY BE WAIVED FO)R >10YR,24HR EVENT-SEE	E I.A.1, PP 4-5, AND I.A.2, F	, 5 FOR ROMNTS.TDS	
Principal Executive Officer									
First Name:	Mike		Title:	President		Hababaa			
Last Name:	Ludlow					Telephone:	970-929-5122		
No Data Indicator (NODI)									
Form NODI:	1								
Para	Monitoring Location Season # Param. NODI	1 # Param. NODI		Quantity or Loading					
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00530 Solids, total suspended	1 - Effluent Gross 0	- Perm Vaiu	Permit Req. Value NODI		۵	35 30DA AVG <= C - No Discharge	70 DAILY MX 19 - mg/L C - No Discharge	1L 01/30 - Monthly	GR - GRAB
00545 Solids, settleable	1 - Effluent Gross 0	- Perm Valu Sa	Permit Req. Value NODI Sample			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge	1L 01/30 - Monthly	GR - GRAB
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03582 Oil and grease	1 - Effluent Gross 0	Perm Valu Sa	Permit Req. Value NODI Sample			û	10 INST MAX 19 - mg/L C - No Discharge	/L 77/77 - Contingent	GR - GRAB
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70295 Solids, total dissolved	1 - Effluent Gross 0	Perm Valu Sa	Permit Req. Value NODI Sample			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 19 - mg/L C - No Discharge	/L 01/90 - Quarterly	GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross 0	- Perm Valu	Permit Req. Value NODI	Req Mon INST MAX 9P - N=0;Y=1				01/30 - Monthly	VI - VISUAL
Submission Note	· · ·								
Edit Check Errors	on any values for the value		g, men none of the following	Edit Check Errors	nber of Excursions, Frequer	ncy of Analysis, and Sample	Type.		
No errors.									
Comments									
Attachments									
No attachments.									
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Oxbow Mining LLC									
Name:		Douglas Smith							
E-Mail:	9	doug.smith@oxbow.com	1.00m						
		2018-10-02 09:39	2018-10-02 09:39 (Time Zone: -06:00)						

Name: E-Mail: Date/Time: Report Last Signed By User: Name:

Permit #:	CO0000132		Permittee:	Hae.							
Major:	No		Permi	Permittee Address:	PO Box 535		Facility: Facility Location:	SANBORN CI 3737 HIGHW/	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133	MINES	
Permitted Feature:	012 External Outfall		Discharge:	arge:	012-A		-	SOMERSET, CO 81434	CO 81434		
Report Dates & Status			-		SEDIMENT FOND TO ELK CREEK						
Monitoring Period:	From 09/01/18 to 09/30/18	30/18	DMR	DMR Due Date:	10/28/18						
Considerations for Form Completion	mpletion				T T T T T T T T T T T T T T T T T T T		Status:	NetDMR Validated	dated		
TSS & TOTAL IRON LIMITS V MONITORING-SEE PART VI.	VILL BE WAIVED, AND SE A.2.G OF RATIONALE 30	TTLEABLE SOLI	IDS LMT APPLIE	ED FOR <= 10YR,24HR P	TSS & TOTAL IRON LIMITS WILL BE WAVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR24HR 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 ROWNTS TOS MONITORING-SEE PART VI.A.2, G OF RATIONALE 30 DAY AVG IS MIGHEST MONTH Y AVG GUIDANCE TOS CONTACTORS	MAY BE WAIVED	FOR >10YR,24HR EVEN	T-SEE I.A. 1, PP 4-5, AND	I.A.2. P. 5 FOR	ROMNTS TOS	
Principal Executive Officer											
First Name:	Mike		Title:		President						
Last Name:	Ludlow						l elepnone:	970-929-5122			
No Data Indicator (NODI)			_								
Form NODI:	•										
Parameter	Monitoring Location Season # Param. NODI	eason # Param. NO	ğ	2	Quantity or Loading						
Coos Name				Qualifier 1 Value 1	Qualifier 2 Value 2 Units Qualifier 1	Value 1	Qualifier 2 Value 2 Qu	Oualifier 3 Value 3	Inite # of E	# of Ex. Frequency of Analysis Sample Type	sis Sample Tj
00400 pH	1 - Effluent Gross 0	ı	Sample Permit Rep.								
			Value NODI		}	C - No Discharge		<= 9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0	ı	Sample Permit Per			0		de une constant de			
			Value NODI			۵	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	1	Permit Req.				Reg Man 2004 AVC				
			Value NODI Sample				C - No Discharge	C - No Discharge		01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	ı	Permit Req.			î	3000 30DA AVG		20		
			Value NODI Sample				C - No Discharge		Polo - ogic	o noo - monuny	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	,	Permit Req.					<= 10 INST MAX	19 - mn/l	77/77 - Continent	
			Sample								
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	nt plant 1 - Effluent Gross 0	ı	Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX 03 - MGD						
			Value NODI	C - No Discharge	C - No Discharge					UT/30 - Monthly	IN - INSTAN
70295 Solids, total dissolved	1 - Effluent Gross 0	1	Permit Req.								
			Value NODI				C - No Discharge	C - No Discharge	< 19 - mg/L	01/90 - Quarterly	GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross 0	I	Permit Req.		Reg Mon INST MAX 9P - N=0.V=1						
			Value NODI		C - No Discharge					01/30 - Monthly	VI - VISUAL
If a parameter row does not co	ntain any values for the Sau	nnle nor Effluent	Trading them a								
Edit Check Errors				one of the following heres	Edit Check Errors	of Excursions, Fred	tuency of Analysis, and Sa	mple Type.			
No errors.											
Comments											
Attachments											
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Report Last Signed By User: Name:

Date/Time:

User: Name: E-Mail:

Oxbow Mining LLC

doug.smith@oxbow.com 2018-10-02 09:40 (Time Zone: -06:00) GHGSMITHOXBOW Douglas Smith

Permit #: Major:	CC00000132 No	Permittee: Permittee Address:	Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535	Facility: Facility Location:	SANBORN ORK & ELK CRK MINES 3737 HIGHWAY 133 SOMEDEET ON 133
Permitted Feature:	013 External Outfall	Discharge:	013-A	-	
Report Dates & Status			TOTAL TOTALOWA SOUNDON A.		
Monitoring Period:	From 09/01/18 to 09/30/18	DMR Due Date:		-	
Considerations for Form Completion	ompletion		10/28/18		
SS & TOTAL IRON LIMITS			10/28/18	Jians.	NetDMR Validated
incipal Executive Officer	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 MONTHLY AVG. DURING PERIOD REPRTD. Principal Execution Officer	I IDS LMT APPLIED FOR <=10YR,241 GHEST MONTHLY AVG. DURING P	Considerations for Form Completion (UMR Vie Date: 10/28/18 Status: NetDMR Validated Status: NetDMR Validated TS& TOTAL IRON UIMTS 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 Principal Executive Officer	D FOR >10YR,24HR EVENT-SE	NetDMR Validated I.A.1.PP 4-5, AND I.A.2, P. 5 FOR ROMNTS.TDS
Principal Executive Officer First Name: Last Name:	WILL BE WAIVED, AND SETTLEABLE SOL 1.4.2.6 OF RATIONALE: 30 DAY AVG, IS HI 1.4.6 Mike Ludiow	IDS LMT APPLIED FOR ←10YR,241 GHEST MONTHLY AVG. DURING P	10/28/18 RP PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAW ERIOD REPRTD. President	D FOR >10YR,24HR EVENT-SE	NetDMR Validated I LA 1, PP 4-5, AND I.A.2, P. 5 FOR ROMNTS.TDS 970-929-5122

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00400 pH	1 - Effluent Gross	0	Sample Permit Reg.					roi i Vaiuo I	quamer 2	Value Z Qualifier 3	Qualifier :	Value 3	Units		
			Value NODI				X	6.5 MINIMUM C - No Discharge	ų		1	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross	0	Permit Reg.												
			Value NODI						۵	35 30DA AVG C - No Discharge	1	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							Req Mon 30DA AVG		Req Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross	0	Sample Permit Req.						î	C - No Discharge	î		28 - 10/1	-	2
03582 Oil and grease	1 - Effluent Gross	1	Sample Bernit Per							C - No Discharge	1	C - No Discharge	20 - Uğı L	01/30 - Monthly	GR - GRAB
C	- Chinoma Cicoso	1	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 1 - Effluent Gross	0	Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	ŝ	Req Mon DAILY MX 03 - MGD C - No Discharge	MGD							01/30 - Monthly	IN - INSTAN
70295 Solids, total dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI							Req Mon QRTR AVG		Req Mon DAILY MX 19 - mg/L	19 - mg/L	01/90 - Quarterly	GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross	1	Permit Req. Value NODI		C Re	Req Mon INST MAX 9P - N=0;Y=1 C - No Discharge	- N=0;Y=1							01/30 - Monthly	VI - VISUAL
Submission Note															
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors	any values for the S	Sample nor Effluen	it Trading, then n	one of the following	fields will be sub	mitted for that row:	Units, Numb	er of Excursions, F	requency	of Analysis, and Si	ample Ty	be.			
No errors.															
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Orbour Minimut 10															
Uxbow Mining LLC															
User		GHGSMITHOXBOW	IOXBOW												
Name:		Douglas Smith	Smith												
E-Mail:		doug.smith(doug.smith@oxbow.com												
Date/Time:		2018-10-02	2018-10-02 09:40 (Time Zone: -06:00)	one: -06:00)											
Report Last Signed By															
User															

GHGSMITHOXBOW Douglas Smith

User: Name:

r ermit #: Major:	C00000132	Permittee: Permittee Address:	Oxbow Mining LLC PO Box 535 Somerset, CO 81434-0535	Facility: Facility Location:	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET. CO 81434
Permitted Feature:	014 External Outfall	Discharge:	014-A		
Report Dates & Status		-			
Monitoring Period:					
Considerations for Form Completion	From 09/01/18 to 09/30/18	DMR Due Date:	10/28/18	Status:	NotOMB Validated
SS & TOTAL IRON LIMIT:	From 09/01/18 to 09/30/18 Completion	DMR Due Date:	10/28/18	Status:	NetDMR Validated
Incipal Executive Office	Monitoring Period: From 09/01/18 to 09/30/18 DMR Due Date: 10/28/18 Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR,24HR PRECIP EVEN MONITORING-SEE PART VIA 2.6 OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRID. Principal Executive Officer	DMR Due Date: LIDS LMT APPLIED FOR <=10YR; HIGHEST MONTHLY AVG. DURING	Monitoring Period: From 09/01/18 to 09/30/18 DMR Due Date: 10/28/18 Istus: NetDMR Validated Considerations for Form Completion Considerations for Form Completion Status: NetDMR Validated TSS & TOTAL IRON LIMITS WILL GE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR:24HR PRECIP EVENT.SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR:24HR EVENT-SEE IA.1,PP 4-5, AND IA.2, P. 5 FOR ROMNTS.TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD. From 200 REPRTD. Principal Executive Officer Principal Executive Officer From 200 REPRTD.	Status:	NetDMR Validated
MONITORING-SEE PART V Principal Executive Officer First Name: Last Name:	From 09/01/18 to 09/30/18 Completion VII.2.G OF RATIONALE. 30 DAY AVG. IS 37 Mike Ludiow	DMR Due Date: LLIDS LMT APPLIED FOR <=10YR; HIGHEST MONTHLY AVG, DURING Title:	10/28/18 44R PRECIP EVENT:SETTLEABLE SOLIDS LIMIT MAY BE V PERIOD REPRID. President	Status: VAIVED FOR >10YR,24HR EVENT-SEE	NetDMR Validated I.A.1, PP 4-5, AND I.A.2, P. 5 FOR ROMNTS.TDS 970-929-5122
MONITORING-SEE PART Principal Executive Office First Name: Last Name: No Data Indicator (NODI)	From 09/01/18 to 09/30/18 Completion VII.2.G OF RATIONALE. 30 DAY AVG. IS 37 Mike Ludiow	DMR Due Date: LLIDS LMT APPLIED FOR <=10YR; HIGHEST MONTHLY AVG. DURING THE:	10/28/18 4HR PRECIP EVENT:SETTLEABLE SOLIDS LIMIT MAY BE V PERIOD REPRTD. President	Status: AVED FOR >10YR,24HR EVENT-SEE	NetDMR Validated I.A.1,PP 4-5, AND I.A.2, P. 5 FOR ROMNTS.TDS 970-929-5122

Para	Monitoring Locatio	Monitoring Location Season # Param, NODI	1001		0	Quantity or Loading	۵				Quality or Concentration	ration				
Name			Sample	Qualifier 1	Value 1	Qualifier 2	Value 2	Units Q	Qualifier 1 Va	Value 1 Qualif	Qualifier 2 Value 2	Qualifier	Value 2 Qualifier 3 Value 3	Units	- of EX. Frequency of Analysis Sample Type	is Sample Type
00400 pH	1 - Effluent Gross	0	Permit Req.					ň	6.5 MINIMUM	IIMUM		î	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
			Sample						C - No	C - No Discharge			C - No Discharge			
00530 Solids, total suspended	1 - Effluent Gross	0	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			
00545 Solids, settleable	1 - Effluent Gross	0	Permit Req.								Req Mon 30DA AVG	G	Req Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAR
			Value NODI Sample								C - No Discharge		C - No Discharge	-	o noo - monuny	
01045 Iron, total [as Fe]	1 - Effluent Gross	0	Permit Req. Value NODI							۵	3000 30DA AVG	۵		28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Efficient Come		Sample								C - NO DISCIAIGE		C - No Discharge			
		1	Value NODI									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	ant 1 - Effluent Gross	0	Permit Req.	Req	Req Mon 30DA AVG		Req Mon DAILY MX 03 - MGD	03 - MGD							01/30 - Monthly	
			Sample	-	C - No Discharge	C-7	C - No Discharge									
pedias' fotal dissolved	1 - Effluent Gross	0	Permit Req. Value NODI								C - No Discharge	õ	Req Mon DAILY MX 19 - mg/L	19 - mg/L	01/90 - Quarterly	GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross	0	Permit Req.			Req	Req Mon INST MAX 9P - N=0;Y=1	9P - N=0;Y=1					3			
			Value NODI			C-1	C - No Discharge								O HOO - INDITUTIY	VI - VISUAL
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following finites with the south time for the	n any values for the 2	Sample nor Efflue	nt Tradino then	none of the	following fol				ì							
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User		GHGSMITHOXBOW	HOXBOW													
Name:		Douglas Smith	Smith													
E-Mail:		doug.smith	doug.smith@oxbow.com													
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of Faulty DIS- <		ā		Permittee	e Address:	PO Box 535 Somerset, CO 81434-05	8	Facility Location:	373 SOF	7 HIGHWAY 1	33 11434		
Ing. Park 2, Survey Index of Survey Index	Permitted Feature:	015 External Outfall		Discharg	8	015-A	Į						
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The function of the second sec	30 DAY AVERAGE IS HIGHEST	MONTHLY AVERAGE DUP	ING PERIOD REF	PORTED. OIL & C	SREASE - SEE IR 1 D								
Image Link The Predict Predict The predict Function Function<	Principal Executive Officer		1										
nmm Under Imm Imm <t< td=""><td>First Name:</td><td>Mike</td><td></td><td>Title-</td><td></td><td>Dissident</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td></t<>	First Name:	Mike		Title-		Dissident		-					
Underson (NOO) I	Last Name:	Ludlow		į		L IANICAL J		Telephone:	970-	929-5122			
Opp: Image: Interview of the learning	No Data Indicator (NODI)												
Parame Parametry Paramating Parametry <th< td=""><td>Form NODI:</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Form NODI:	1											
Name I <td>Parameter</td> <td>Monitoring Location Seas</td> <td>on # Param. NODI</td> <td></td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Parameter	Monitoring Location Seas	on # Param. NODI		2								
1 - Efficient Gross 0 - Efficient Gross 0 - Efficient Gross - Efficient Gross <th< td=""><td></td><td></td><td></td><td>Qualifier 1</td><td>Value 1</td><td>V-1</td><td></td><td></td><td>Ition</td><td></td><td>#ofE</td><td>c. Frequency of Analysi</td><td>is Samp</td></th<>				Qualifier 1	Value 1	V-1			Ition		#ofE	c. Frequency of Analysi	is Samp
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Interface 1. Elluant Cross 0 - Densition Statution Stat			Val	lue NODI Sample							I9 - mg/L	01/30 - Monthly	GR - GRAB
Name 1 - Ehuant Gross 0 - Yaue KOD Value KOD Value KOD Feag Mon 3DA, AVG Value KOD Reg Mon 3DA, AVG	01045 Iron, total [as Fe]			rmit Req.								articles and a floor and	
esse 1 - Effuent Gross 0 - Partic Rot Value NOD Samp Samp Samp Samp Samp Samp Samp Samp			Val.	Ive NODI							28 - ug/L	01/30 - Monthly	GR - GRAB
onclui or thru treatment pleit 1 Effuence Concerning on Concerning	03582 Oil and grease			pampie						ę			
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al desolved 1 - Effluent Gross 0 - Sample Sample Permit Req Value NOD Value	50050 Flow, in conduit or thru treatment					1							
ai desoved 1 - Effuent Gros 0 - Simple Simple Seave vsual 1 - Effuent Gros 0 - Mile XOD Note r 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. Froms From 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. Froms From 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. From Sample Nor Effluent Trading then Norte fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.					C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge						01/30 - Monthly	IN - INSTAN
ease vasual 1 - Effuent Gross 0 - Simple Simple Note Req Mon INST WX 9P - N=D/Y=1 C - No Discharge C - No Discharge 0107 - Weeky Mote r/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. 0107 - Weeky 0107 - Weeky Frons -	70295 Solids, total dissolved		20010										
vssal 1 - Effluent Gross 0 - Simple Mode Req Mon INST MAX 9P - N=0,Y=1 C - No Discharge C - No Discha				ue NODI				Req Mon QRTR AVC		Mon DAILY MX 1	9 - mg/L	01/90 - Quarterly	GR - GRAB
In cruinel gross a Permit Req Value Not Req Man NRST MAX 9P - NED,Y=1 0107 - Weeky Note C - No Discharge C - No Discharge C - No Discharge 0107 - Weeky I'rrow 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. Trops Trops S S S S	84066 Oil and groace visual		(0)	Sample				C - No Discharge		lo Discharge			
Note C - No Discharge C - No Discharge or 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. From S	and a second second			mit Req.		Req Mon INST MAX 9P - N=0;1	L=/						
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 Atachments No attachments	Submission Note		Val	Ive NODI		C - No Discharge						UT/UZ - Weekly	VI - VIS
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No erros. Comments Attachments No estachments	Edit Check Errors				0	The opposition of which tow. Office	S, INDITIDET OF EXCUTSIONS, F	requency of Analysis, and S	sample Type.				
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User: Name: Report Last Saved By Oxbow Mining LLC GHGSMITHOXBOW Douglas Smith

E-Mail: Date/Time: User: Name: E-Mail: Report Last Signed By Date/Time: doug.smith@oxbow.com 2018-10-02 09:41 (Time Zone: -06:00) doug.smith@oxbow.com 2018-10-02 09:48 (Time Zone: -06:00) Douglas Smith GHGSMITHOXBOW

CO0000132	Permittee:	Outour Mining 11 0					
		CADOM MILITING LEC		Facility:	SANBORN CR	& ELK CRK MINE	
	Permittee Address:	PO Box 535 Somerset, CO 81434-053		Facility Location:	3737 HIGHWA	133	
	Discharge:	015-W					
		ACOLE WELLESTING	-OR UTSA				
From 07/01/18 to 09/30/18	DMR Due Date:	10/28/18		Pintua.			
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OFTEST PROCEDURE. REPOR	T LC50 - STATISTICAL F	INT WSTIMATE WHICH ISLE	ETHAL TO 50% OF TES	T ORGANISMS, AND /	TTACH ACUTE TO	(ICITY TEST REPO	RT FORM TO
	Title:	President		Telephone:	070 000 5100		
Ludlow				reiepnone:	9/0-929-5122		
Monitoring Location Season # Para		Quantity or Loading	- Z	ality or Concentration		Ex. Frequency of Anal	sis Sample Type
TAN6CLC50 State 96Hr Acute Pimephales 1 - Effluent Gross 0	Sample Permit Req.	· verve · Qualities 2 value 2 Unio		Qualifier 2 Value 2 Qualif	er 3 Value 3 Units		
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	Value NODI	f the following fields will be s	C - No Discharg	, its, Number of Excursio	23 - % ns, Frequency of Ar	01/90 - Quarterly alysis, and Sample	ype.
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GHGSMITHOXBC Douglas Smith dous.smith@oxbo	Volue NODI Iluent Trading, then none W	f the following fields will be s	c - No Discharg	its, Number of Excursic	23 - %	01/90 - Cuarterly alysis, and Sample	GR - GRAB
GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2018-10-02 09-42 (Trine	Iluent Trading, then none Iluent Trading, then none W com	f the following fields will be s	c - No Discharg	its. Number of Excursio	23 - %	origo - Quarterly alysis, and Sample	GR - GRAB
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GHGSMITHOXBOW Douglas Smith doug.smith@exbow.com 2018-10-02 09:42 (Tim GHGSMITHOXBOW Douglas Smith doug.smith@exbow.com	Nuent Trading, then none luent Trading, then none w.com (Time Zone: -06:00) (Time Zone: -06:00) W	f the following fields will be s	c - No Discharg	its, Number of Excursio	23 - %	01/90 - Quarterly alysis, and Sample	GR - GRAB
	No O15 External Outfall From 07/01/16 to 09/30/18 Completion ETAILS OFTEST PROCEDURE. REPOR T Mike Ludlow Ludlow Ludlow C T T T T T T T T T T T T T T T T T T	I Outfall Permittee Address: Permittee Address: Discharge: Dischar	I Outfall Permittee Address: PO Box 535 Somerset, CO 81434-05 Or 5-W 7/01/18 to 09/30/18 Discharge: 015-W ACUTE WET TESTING I 7/0 0 10/28/18 0 DMR Due Date: 10/28/18 0 0 Title: President 1< Effluent Gross		Montening Location Permittee Address: Po Box S33 Someset, CO 81434-0535 Facility: Facility: Location: Someset, CO 81434-0535 10urtall Discharge: 015-W ACUTE WET TESTING FOR 015A Status: 707/18 to 09/30/18 DMR Due Date: 10/28/18 Status: 70 DMR Due Date: 10/28/18 Status: 70 TIOTINE to 09/30/18 DMR Due Date: 10/28/18 Status: 70 TITU: President Test ORGANISMS, AND A 70 Title: President Telephone: 1 Title: President Telephone: Sample Cuantity or Loading Cuantity or Loading Cuantity or Consortation	Image: Other Status: Facility: Sandesst: Sand	Formittee Address: POR Dox S05 Somerset, CO 81434-0535 Facility: Facility Location: Facility Location: Discharge: 015-W ACUTE WET TESTING FOR 015A Facility Location: Status: 0/18 DMR Due Date: 10/28/18 Status: EDURE: REPORT LC50 - STATISTICAL PINT WSTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATT/ Title: President Telephone: Title: President Tolephone: Tolephone: Sample Cuantity or Loading Sample Cuantity or Conservation Value 1 Qualifier 1 Value 2 Units Qualifier 1 Value 1 Cuantity or Conservation Qualifier 2 Value 2 Units Qualifier 1

Permit#: CO0000132 Permittee Oxbow Mining LLC Major: No Permittee Address: PO Box 535 Permittee Feature: 016 Po Box 535 PO Box 535 Permittee Feature: 016 Discharge: Or6-A Report Dates & Status External Outfail Discharge: Or6-A Report Dates & Status From 09/01/18 to 09/20/18 DMR Due Date: 10/28/18 Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR 24 HR PRECIP EVENT.SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR 24 HR PRECIP EVENT.SETTLEABLE SOLIDS LMT INTERVIEW RPTD. Principal Executive Officer Freedemt President	Permit			
Major: No Permittee Address: PO Box 535 Permitted Feature: 016 Somerset, CO 81434-0535 Permitted Feature: 016 Discharge: ort6-A Report Dates & Status External Outfail Discharge: ort6-A Monitoring Period: From 09/01/18 to 09/30/18 DMR Due Date: 10/28/18 Considerations for Form Completion TISS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10/YR 24 HR PRECIP EVENT;SETTLEABLE SOLID RDTD. Principal Executive Officer Principal Executive Officer Mile Title: President	Permit #:	C00000132	Permittee:	Oxbow Mining LLC
Permitted Feature: 016 External Outfall Discharge: 016-A SURFACE RUNOFF TO ELK CRE Report Dates & Status From 09/01/18 to 09/30/18 DMR Due Date: SURFACE RUNOFF TO ELK CRE Monitoring Period: From 09/01/18 to 09/30/18 DMR Due Date: 10/28/18 Considerations for Form Completion SURT Completion 10/28/18 MONITORING-SEE PART VIA.2.G OF RATIONALE: 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD. Principal Executive Officer First Name: Mile The: President	Major:	8	Permittee Address:	PO Box 535 Somerset, CO 81434-0535
Report Dates & Status From 09/01/18 to 09/20/18 DMR Due Date: 10/28/18 Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10/YR 24 HR PRECIP EVENT;SETTLEABLE SOLID NONTHILY AVG DURING PERIOD RPTD.	Permitted Feature:	016 External Outfall	Discharge:	016-A
Monitoring Period: From 09/01/16 to 09/30/18 DMR Due Date: 10/28/18 Considerations for Form Completion 10/28/18 Considerations for Form Completion 10/28/18 TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10/R 2.4 HR PRECIP EVENT;SETTLEABLE SOLID MONTHULY AVG DURING PERIOD RPTD.	Report Dates & Status			CONVINCE NONOFF TO ELA CREEM
Considerations for Form Completion TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLDS LMT APPLIED FOR <=10YR.24 HR PRECIP EVENT;SETTLEABLE SOLD MONITORING SEE PART VIA.2G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD. Principal Executive Officer First Name: Mike Tube: President	Monitoring Period:	From 09/01/18 to 09/30/18	DMR Due Date:	10/28/18
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10YR 24 HR PRECIP EVENT,SETTLEABLE SOLID MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD. Principal Executive Officer First Name: Mike Tute: President	Considerations for Form C	ompletion	-	
Principal Executive Officer First Name: Mike Title: President	TSS & TOTAL IRON LIMITS	WILL BE WAIVED, AND SETTLEABLE SOL 1.A.2.G OF RATIONALE. 30 DAY AVG IS HIC	IDS LMT APPLIED FOR <=10YR,24 SHEST MONTHLY AVG DURING PE	HR PRECIP EVENT;SETTLEABLE SOLIDS L
Mike Title:	MONITONING-SEE PART V			
	Principal Executive Officer	Miko	THE	2

Facility: Facility Location:

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

Considerations for Form Completion	From 09/01/18 to 09/30/18	DMR Due Date:	10/28/18	Status:	Net	NetDMR Validated		
TSS & TOTAL IRON LIMITS WI MONITORING-SEE PART VI.A.	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLDS LMT APPLED FOR <=10YR24 HR PRECIP I MONITORING-SEE PART VIA 2.6 OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.	S LMT APPLIED FOR <=10YR,24 EST MONTHLY AVG DURING 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, TDS MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.	IMITS MAY BE WAIVED FOR >10YI	R,24HR EVENT-SEE I.A.1, F	PP 4-5, AND I.A.2., P. 5 F0	OR ROMNTS. TDS	
First Name:	Milo	!						
Last Name:	Ludlow	Title:	President	Telephone:		970-929-5122		
No Data Indicator (NODI)								
Form NODI:								
Parameter Code Name	Monitoring Location Season # Param. NODI	Qualifier 1 Value 1	Quantity or Loading	uality	Quality or Concentration	# of Ex	# of Ex. Frequency of Analysis Sample Type	ble Type
				cillus Qualifier 1 Value 1 Qualifier 2	Value 2 Qualifier 3 V	Value 3 Units		
	1 - Effluent Gross 0 -	Permit Req. Value NODI Sample	ň	6.5 MINIMUM C - No Discharge	<= 9 MAXIMUM C - No Discha	12 - SU Irge	01/30 - Monthly IS - I	IS - INSITU
oosaa aunus, total suspended	1 - Etituent Gross 0	Permit Req. Value NODI Sample		<= 35 30DA AVG C - No Dischar	ge ^=	19 - mg/L Ge	01/30 - Monthly GR -	GR - GRAB
00343 Solids, settleable	1 - Effluent Gross 0	Permit Req. Value NODI		Req Mc	Req Mon 30DA AVG Req Mo	Req Mon DAILY MX 25 - mL/L	01/30 - Monthly GR -	GR - GRAB

			Sample			of more on a		C - No Discharge		
00530 Solids, total suspended	1 - Effluent Gross	0	Permit Req.			1				
			Value NODI			ſ	S STORAGE STORAGE	70 DAILY MX 19 - mg/L	L 01/30 - Monthly	GR - GRAB
			Sample				C - No Discharge	C - No Discharge		
00545 SolidS, settleable	1 - Effluent Gross	0 1	Permit Req.							
			Value NODI					Red WOU DAILY WX 22 - ML/L	L 01/30 - Monthly	GR - GRAB
			Sample				C - No Discharge	C - No Discharge		
0 1040 Iron, total [as Fe]	1 - Effluent Gross	0	Permit Req.			î				
			Value NODI			ŕ		6000 DAILY MX 28 - ug/L	L 01/30 - Monthly	GR - GRAB
			Sample				C - No Lischarge	C - No Discharge		
U3562 Oil and grease	1 - Effluent Gross	0	Permit Req.				ł			
			Value NODI				ſ	10 INST MAX 19 - mg/L	L 77/77 - Contingent	GR - GRAB
			Sample					C - No Uischarge		
Second First, in conduit or thru treatment plant 1 - Effluent Gross	t 1 - Effluent Gross	0 1	Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX 03 - MGD					
			Value NODI	C - No Discharge	C - No Discharge				UT/30 - Monthly	IN - INSTAN
70295 Solids, total dissolved	1 - Effluent Gross		Sample							
		5	Value NODI				Req Mon QRTR AVG	Req Mon DAILY MX 19 - mg/L	L 01/90 - Quarterly	GR - GRAB
			Sample				C - No Discharge	C - No Discharge		
o4000 Oil and grease visual	1 - Effluent Gross	0	Permit Req.		Req Mon INST MAX 9P - N=0;Y=1					
			Value NODI		C - No Discharge				UT/JU - Monthly	VI - VISUAL
Submission Note										
If a parameter row does not contain	any values for the	Sample nor Efflue	nt Trading, then no	ne of the following fields will	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 mw. Units Number of Excursions Excursions and activity a	er of Evoluteione Enound				
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No errors.										
Comments										

Submission Note		
If a parameter row does not contain any va	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 their new Losie Number of Summer of Sum	
Edit Check Errors	o source of the	r of Analysis, and Sample Type.
No errors.		
Comments		
Attachments		
No attachments.		
Report Last Saved By		
Oxbow Mining LLC		
Usen	GHGSMITHOXBOW	
Name:	Douglas Smith	
E-Mail:	doug.smith@oxbow.com	
Date/Time:	2018-10-02 09:43 (Time Zone: -06:00)	
Report Last Signed By		
User:	GHGSMITHOXBOW	
Name:	Douglas Smith	

Permit#:CO0000132PermiteePermiteeOctow Mining LC.Facility:SANBORN CRK & ELK CRK MINESMajor:NoPermitee Address:Po Box S35 Someset. CO BH34-0635Po Box S35 Someset. CO BH34-0635Pacility Loation:3737 HIGHWAY 133 SOMERSET, CO BH34Permitee Fature:017 External OutfallDischarge:017-A SURF RUNOFF TO, FK GUNIS RIV917-A SURF RUNOFF TO, FK GUNIS RIV3737 HIGHWAY 133 SOMERSET, CO BH33Protocic:Fom 090118 to 0912016DMR Due Date:0172M0172MSatus:NetDMR ValidatedConsiderations for Form CompletionTotal:Nor Due Date:1028/18Satus:NetDMR ValidatedTSS & TOTAL IRON LIMITS WILLE BE WAIVED, AND SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR -1017, 24HR EVERT-SEE I A1. PP 45, AND I A2., P 5 FOR ROMNTS. TDS MONTORINGPrincipal Executive OfficerTitle:Title:PresidentTitle:PresidentProtocic:MileTitle:PresidentTitle:PresidentTitle:						
Image: Provide Fature: 017 017 Discharge: 017Autors 017Autors Somerset. CU 8144-USS Somerset. CU 8140-USS Somerset. CU	ermit #: lajor:	C00000132 No	Permittee: Permittee Address:	Oxbow Mining LLC PO Box 535	Facility: Facility Location:	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133
*emitted Feature 017 017-A 017-A *eport Dates & Status Super RUNOFF TO N. FK GUNIS RIV Super RUNOFF TO N. FK GUNIS RIV *eport Dates & Status From 09/01/18 to 09/20/18 MR Due Date: 10/28/18 Status: NetDMR Validated *enolicoring Period: From 09/01/18 to 09/20/18 DMR Due Date: 10/28/18 Status: NetDMR Validated Considerations for Form Completion Status: NetDMR Validated NetDMR Validated NetDMR Validated Sigs & TOTAL JEON LIMITS WILL BE WAVED, AND SETTLEABLE SOLIDS LMT APPLIES FOR <=10YR.24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAVED FOR >10YR.24HR EVERT-SEE LA 1, PP 4-5, AND I.A.2., P 5 FOR ROMNTS. TDS MONITOI Sigs PART VIA.2.G OF RATIONALE.30 DAY AVG IS HIGHEST MONTHLY AGURING PERIOD REPTD President Totaphone: 970-929-5122 *Instrume: Mike Mike Title: President Totaphone: 970-929-5122			-	Concertion of the state of the		SOMERSET, CO 81434
Import Dates & Status From 09/01/18 to 09/20/18 DMR Due Date: 10/28/18 Status NetDMR Validated Ionitoring Period: From 09/01/18 to 09/20/18 DMR Due Date: 10/28/18 Status: NetDMR Validated Ionitoring Period: From 09/01/18 to 09/20/18 DMR Due Date: 10/28/18 Status: NetDMR Validated Ionitoring Period: Six A TOTAL: IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIES FOR <=10/07.24 HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10/07.24 HR EVERT-SEE I.A 1, PP 4.5, AND I.A 2, P 5 FOR ROMNTS. TDS MONITO! SEX A TOTAL: SD AY AVG IS HIGHEST MONTHLY AGD, DURING PERIOD RPTD Time period 970-929-5122 Instrume: Mike Mike President Telephone: 970-929-5122	ermitted Feature:	017 External Outfall	Discharge:	017-A		
Instructing Period: From 09/01/18 to 09/30/18 DMR Due Date: 10/28/18 Status: NetDMR Validated considerations for Form Completion considerations for Form Completion Status: NetDMR Validated SS & 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 RQMNTS. TDS MONITOI SE & 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 RQMNTS. TDS MONITOI IEE PART VIA.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD Inclear Executive Officer Inst. Name: Mile Ludiow Title: President Ludiow	eport Dates & Status					
onsiderations for Form Completion version on the second se	onitoring Period:	From 09/01/18 to 09/30/18	DMR Due Date:	10/28/18	Pint-	
S& TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIES FOR <=10YR,24HR PRECIP EVENT,SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVERT-SEE I.A.1.PP.4-5, AND I.A.2., P.S.FOR ROMNTS. TOS MONITOI The PART VIA.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG. DURING PERIOD RPTD The President President International	onsiderations for Form Co	mpletion			anna:	NetUMR Validated
rincipal Executive Officer Irst Name: Mike Title: President Telephone: 970-929-512 ast Name: Ludiow 970-929-512	EE PART VI.A.2.G OF RAT	WILL BE WAIVED, AND SETTLEABLE SOLIONALE. 30 DAY AVG IS HIGHEST MONTH	IDS LMT APPLIES FOR <=10YR,24H	R PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVE) FOR >10YR,24HR EVERT-SEI	E I.A.1, PP 4-5, AND I.A.2., P 5 FOR ROMNTS. TDS MONITO
Mike Title: President Telephone: Ludow	incipal Executive Officer					
Ludiow longitudiow	rst Name:	Mike	Tiel	Develop-re		
			ilue.	Plesioent	Toleran	

Form NODI: (month) 1

Parameter	Monitoring Locatio	Monitoring Location Season # Param. NODI	2												
Code Name				Qualifier 1 Value 1	Qualifier 2 Value 2	Value 2				uality or Concentr	tion			# of Ex. Frequency of Analysis Sample Type	is Sample Type
			Sample	- 8	a manual	Social Science	Units Qualitier 1	tier 7 Value 7	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
uction but	1 - Effluent Gross	0	Permit Req.				X	6.5 MINIMUM			1	9 MAXIMUM	12 - SII	01/20 - Monthly	
			Value NODI					C - No Discharge	le					C 100 - MOININ	O LICAL - CI
00530 Solids total suspended			Sample									C - NO DISCIBLING			
and and some production	1 - Elinent Gross	ſ	Permit Req.						î	35 30DA AVG	^	70 DAILY MX	10 - 200/		
			Value NODI							C - No Discharge		C - No Discharpe	19-mg/L	U 1/30 - Monthly	GR - GRAB
00545 Solide collection			Sample							e ine enconego		C - NO DISCHALGE			
ocorro solidis, settledible	1 - Effluent Gross	1	Permit Req.							Reg Mon 30DA AVG					
			Value NODI							C - No Discharoo		Red MON DAILY MX 25 - ML/L	20 - mL/L	01/30 - Monthly	GR - GRAB
DADAR INA IDEAL FAN ENI			Sample							C - NO Discharge		C - No Discharge			
o iono ilori, total (as rej	1 - Effluent Gross	1	Permit Req.						î	3000 30DA AVG	1	6000 DAILY MX	20 - 10/1		
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03582 Oil and grease	1 - Effluent Gross	0	Permit Req.												
			Value NODI								1		19 - mg/L	77/77 - Contingent	GR - GRAB
			Sample									C - No Discharge			
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TOODS Contain the state strength			Sample												
	- Eniluent Gross	1	Permit Req.							Req Mon QRTR AVG		Req Mon DAILY MX 19 - mg/L	19 - ma/L	01/90 - Quarterly	GR - GRAR
			Sample							C - No Discharge	~	C - No Discharge		00000000000000000000000000000000000000	
84066 Oil and grease visual	1 - Effluent Gross	0	Permit Req.		Reg	Reg Mon INST MAX 9P - N=0:Y=1	N=0.Y=1								
			Value NODI		C-1	C - No Discharge								01/30 - Monthly	VI - VISUAL
Submission Note															
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that new Units. Number of Excursions: Excursions: and Analysis	any values for the :	Sample nor Effluent	Trading, then nor	e of the following fi	elds will be submi	itted for that row-	Unite Numb	or of Evolutions		A Application and C	-				
Edit Check Errors									i requericy of	o rilaiysis, allu o	sample Type	ġ			
No errors.															
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Oxbow Mining LLC			•												
User:		GHGSMITHOXBOW	DXBOW												
Name:		Douglas Smith													
E-Mail:															
		doug.smith@oxbow.com	oxbow.com												
Date/Time:		2018-10-02	2018-10-02 09:44 (Time Zone: -06:00)	le: -06:00)											
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Report Last Signed By User: Name:

GHGSMITHOXBOW Douglas Smith

Permit			
Permit #:	CO0000132	Permittee:	Oxbow Mining LLC
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535
Permitted Feature:	019 External Outfall	Discharge:	019-A
Report Dates & Status		-	
Monitoring Period:	From 09/01/18 to 09/30/18	DMR Due Date:	10/28/18
Considerations for Form Completion	Completion	-	
TSS & TOTAL IRON LIMITS MONITORING-SEE PART V	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR <=10,24HR PRECIP EVENT,SE MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING REPORTING PERIOD	LIDS LMT APPLIED FOR <=10,24H	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIED FOR ←10.24HR PRECIP EVENT.SETTLEABLE SOLIDS LIMIT MA MONITORING-SEE PART VI.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING REPORTING PERIOD
Principal Executive Officer			
1	Mike	Title:	Descritore

Last Name: No Data Indicator (NODI) Form NODI: 1 Ludlow LE 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 Telephone: 970-929-5122

Status:

NetDMR Validated

Facility: Facility Location:

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

Purameter Code Name 00400 pH 00530 Solids, total suspended	Monitoring Location Season # Param. NOD	n # Param, NOD	Sample Permit Req. Value NODI Sample Permit Req.	Qualifier 1 Value 1 Qualifier 2 Value 2	Vslue 2 Units	Y Dualifier 1	Value 1 0 6.5 MINIMUM C - No Discharge	alifie	et	A A A A	difier 2	Iffer 3 Value 3 9 MAXIMUM C - No Discharge 70 MX 7D AV	Ilfier 3 Value 3 Units 9 MAXIMUM 12 - SU C - No Discharge 70 MX 7D AV 19 - mg/L	Iffer 3 Value 3 Units Bor Ex 9 MAXIMUM 12 - SU C - No Discharge 70 MX 7D AV 19 - mg/L
30 Solids, total suspended		T	Permit Req. Value NODI Sample					٨	1 35 C-	35 30DA AVG C - No Discharge	35 30DA AVG <= C - No Discharge	35 30DA AVG <= C - No Discharge	35 30DA AVG <= C - No Discharge	35 30DA AVG <= 70 MX 7D AV C - No Discharge C - No Discharge
01045 Joinds, settleable 01045 Iron, total [as Fe]	1 - Effluent Gross 0 1 - Effluent Gross 0	1 1	Permit Req. Value NODI Sample Permit Req. Value NODI					•	1 C-	Req Mon 30DA AVG C - No Discharge 3000 30DA AVG C - No Discharge	Req Mon 30DA AVG C - No Discharge 3000 30DA AVG C - No Discharge	Req Mon 30DA AVG C - No Discharge 3000 30DA AVG C - No Discharge	Req Mon 30DA AVG C - No Discharge 3000 30DA AVG C - No Discharge	Req Mon 30DA AVG C - No Discharge 3000 30DA AVG C - No Discharge
03582 Oil and grease 1 - Effuent Gross 50050 Flow, in conduit or thru treatment plant 1 - Effuent Gross	1 - Effluent Gross 0 t plant 1 - Effluent Gross 0	I I	Sample Permit Req. Value NODI Sample Permit Req. Value NODI	Req Mon 30DA AVG Re C - No Discharge C	Req Mon DAILY MX 03 - MGD C - No Discharge						î		î	<= 10 INST MAX C - No Discharge
70295 Solids, total dissolved 84066 Oil and grease visual Submission Note	1 - Effluent Gross 0 1 - Effluent Gross 0	1 1	Permit Req. Value NODI Sample Permit Req. Value NODI	0.2	Req Mon INST MAX 9P - N=0;Y=1 C - No Discharge	121			ç, Z	Req Mon 30DA AVG C - No Discharge	õ	õ	õ	õ
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