

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

### NetDMR COR Submission for: CO0000132

1 message

Doug Smith <Doug.Smith@oxbow.com> To: "leigh.simmons@state.co.us" <leigh.simmons@state.co.us> Cc: Mike Ludlow <Mike.Ludlow@oxbow.com> Mon, Jul 1, 2019 at 11:51 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 June 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



## **DMR Copy of Record**

Permit

Permit #:	CO0000132	Permittee:	Oxbow Mining II C	1		
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	SANBURN CRR & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET CO 81434	Ū
Permitted Feature:	007 External Outfall	Discharge:	007-A	-		
Report Dates & Status						
Monitoring Period:	From 06/01/19 to 06/30/19	DMR Due Date:	07/28/19	Cénétia-		
<b>Considerations for Form Completion</b>	mpletion			contrast.	NetDMR validated	
TSS & TOTAL IRON LIMITS V MONITORING-SEE PART VI.	TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLDS LIMT APPLIED FOR <=10YR,24HR PRECIP EVEN MONITORING-SEE PART VI.A.2.G OF RATIONALE, 30 DAY AVG, IS HIGHEST MONTHLY AVG, DURING BERIND REPORT	SOLIDS LMT APPLIED FOR <=10YR,	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 MONTHLY AVG DI JENIG SEEDED	WAIVED FOR >10YR,24HR EVENT-SEE I	.A.1, PP 4-5, AND I.A.2, P. 5 FOR ROMI	NTS.TDS
Principal Executive Officer						
First Name:	MIKE	Title:	PRESIDENT	Televis		
Last Name:	LUDLOW			interiore.	771.C-676-016	
No Data Indicator (NODI)		_				
Form NODI:	1					
Para	Monitoring Location Season # Param, NODI	I. NODI	Quantity or Loading	Quality or Concentration		
Code Name		Qualifier 1 Value 1	Qualifier 2 Value 2 Units Qualifier 1	Value 1 Qualifier 2 Value 2 Qualifier 3	Value 3 Inite	* of EX. Frequency of Analysis Sample Type
00400 pH	1 - Effluent Gross 0	Sample Permit Req.	>= 6.5 MINIMUM		MAXIMUM 12 - SU	D1/30 - Monthly IS - INSITI
		Sample	C - No Discharge	scharge	ige	
00530 Solids, total suspended	1 - Effluent Gross 0	Permit Req. Value NODI		<= 35 30DA AVG <=	19 - mg/L	01/30 - Monthly GR - GRAB
00545 Solids, settleable	5	Sample		•		
		Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L 01/30 - C - No Discharge	01/30 - Monthly GR - GRAB
01045 Iron, total [as Fe]	Ð	Dample Dan				
onovonom, total (as rej	1 - Effluent Gross 0 -	Permit Req. Value NODI Sample		<= 3500 30DA AVG <= C - No Discharge	7000 DAILY MX 28 - ug/L 01/30 - C - No Discharge	01/30 - Monthly GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Permit Req. Value NODI		6	19 - mg/L	77/77 - Contingent GR - GRAB
		Sample			C - No Discharge	
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	nt plant 1 - Effluent Gross 0	Permit Req. Req Mon 30DA AVG Value NODI C - No Discharge	A AVG Req Mon DAILY MX 03 - MGD rrge C - No Discharge		01/30 -	01/30 - Monthly IN - INSTAN
70295 Solids, total dissolved	1 - Effluent Gross 0	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 19 - mg/L 01/90 - C - No Discharge	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		01/30 -	01/30 - Monthly VI - VISUAL
Submission Note			of interior of the			

		Sample		C - NO Discharge C - No Discharge		
84066 Oil and grease visual	1 - Effluent Gross 0	Permit Req. Value NODI	Req Mon INST MAX 9P - N=0,Y=1 C - No Dischance		01/30 - Monthly	VI - VISUAL
Submission Note						
If a parameter row does not cor	tain any values for the Sample nor	Effluent Trading, then none of the following	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	ions. Frequency of Analysis and Sample Type		
Edit Check Errors				renet i redevinoj or minijera, and campie Type.		
No errors.						
Comments						
Attachments						
No attachments.						
Report Last Saved By						
Oxbow Mining LLC						
User:	GHO	GHGSMITHOXBOW				
Name:	Dou	Douglas Smith				
E-Mail:	hop	doug.smith@oxbow.com				
Date/Time:	2019	2019-07-01 09:03 (Time Zone: -06:00)				
Report Last Signed By						

User: Name:

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Telephone: 970-929-5122				No Data Indicator (NODI)
				and indino.
				ast Name.
	PRESIDENT	Title:	MIKE	First Name:
			-	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   A.1, PP 4-5, AND   A.2, P. 5 FOR ROMNTS.TDS MONITORING-SEE PART VI.A.2. O F RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.	4HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE PERIOD REPRTD.	IDS LMT APPLIED FOR <=10YR,24 GHEST MONTHLY AVG. DURING F	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.	IONITORING-SEE PART
			Completion	<b>Considerations for Form Completion</b>
Status: NetDMR Validated	07/28/19	DMR Due Date:	From 06/01/19 to 06/30/19	Monitoring Period:
				Report Dates & Status
	009-A SURF RUNOFF TO N FK GUNIS RIVR	Discharge:	009 External Outfall	Permitted Feature:
Facility Location: 3737 HIGHWAY 133 SOMERSET, CO 81434	PO Box 535 Somerset, CO 81434-0535	reminee Address:	ē	
Facility: SANBORN CRK & ELK CRK MINES	Oxbow Mining LLC	Permittee:	CO0000132	Permit #: Maior:

Parameter	Monitoring Location Season # Param, NODI	ion Seas	on # Param. NO	ğ			Quantity or Loading	Ing				Quality	v or Concentration	5			the second second second	
Code Name					Qualifier 1	Value 1	Qualifier 2 Value 2	Value 2	Units Qu	Qualifier 1 \	Value 1 Qu	Qualifier 2	Value 2 Qualifier 3	Qualifier 3	Value 3	Units	+ of cx, riequeincy of Analysis sample Type	is sample type
00400 pH	1 - Effluent Gross	0	1	Sample Permit Req.						л				}	:	1		
				Value NODI							C - No Discharge				C - No Discharge		Circo - monuly	IS - INSI O
00530 Solids total suspended	1 - Efficient Cross	0		Sample														
	I - Ellivent Gross	c	ĥ	Value NODI							î	3530	35 30DA AVG	1	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
		96		Sample								0	o no provinsi go		C - NO Discialige			
UU545 Solids, settleable	1 - Effluent Gross	0	ı	Permit Req.								Req	Req Mon 30DA AVG		Req Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAB
				Sample								C-1	C - No Discharge	0	C - No Discharge			
01045 Iron, total [as Fe]	1 - Effluent Gross	0	ı	Permit Req.							\$	3500	3500 30DA AVG	AI 7	7000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
				Value NODI								0-7	C - No Discharge	0	C - No Discharge			
				Sample														
03582 Oil and grease	1 - Effluent Gross	0	ı	Permit Req.										1	10 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
				Value NODI Sample										0	C - No Discharge			
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	1 - Effluent Gross	0	ı	Permit Req.	R	Req Mon 30DA AVG		Req Mon DAILY MX 03 - MGD	03 - MGD								01/30 - Monthly	IN - INSTAN
				Value NODI	0	C - No Discharge		C - No Discharge							,			
70295 Solids, total dissolved	1 - Effluent Gross	0	1	Permit Req.								Ran	Mon 30DA AVG		Dan Man DAILY MY	10		
				Value NODI								0-7	C - No Discharge		C - No Discharge	main	Circo - Quality	
				Sample														
04066 Oil and grease visual	1 - Effluent Gross	0	ł	Permit Req.			Re	Req Mon INST MAX 9P - N=0;Y=1	( 9P - N=0;Y=1								01/30 - Monthly	VI - VISUAL
				Value NODI			0	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	e Samp	le nor Effluent	t Trading, ther	none of th	e following t	fields will be sub	omitted for that	row: Units, Nu	mber of Exc	Irsions, Freq	uency of A	nalysis, and :	Sample Typ	ē			
Edit Check Errors																		
No errors.																		
Comments																		
Attachments																		
No attachments.																		
Report Last Saved By																		
Oxbow Mining LLC																		
User			GHGSMITHOXBOW	OXBOW														
Name:																		

Report Last Signed By User: Name: Name: E-Mail: Date/Time: GHGSMITHOXBOW Douglas Smith Douglas Smith doug.smith@oxbow.com 2019-07-01 09:02 (Time Zone: -06:00)

# **DMR Copy of Record**

Country     Permittee:     Oxbow Mining LLC     Facility:     SANBORN CRK & E       No     Permittee Address:     po Box 535     Po Box 535     Pacility:     SanBoRN CRK & E       010     Discharge:     po Box 535     Somerset; CO 81434-0535     Pacility:     3737 HigHway 133       010     Edemail Outfall     Discharge:     010-A     September:     Somerset; CO 81434-0535     Facility: Location:     3737 HigHway 133       rus     From 0601119 to 0630119     Discharge:     010/LC     010-A     September:     0172819     Status:     NetDMR Vaildated       Form Completion     Form 0801119 to 0630119     DMR Due Date:     0712819     Status:     NetDMR Vaildated       Form Completion     Function:     Somerset; CO 81434-0535     Status:     NetDMR Vaildated       Form Completion     Status:     NetDMR Vaildated     Status:     NetDMR Vaildated       Form Completion     Status:     NetDMR Vaildated     Status:     NetDMR Vaildated       Form Completion     Status:     NetDMR Vaildated											Namo	Code
COUNDING     Permittee     Address:     Solwer Mining LLC     Feality:     Cality:     SANBORN CRK & ELK CRK MINES       No     Permittee Address:     Somessit. CO 81434-0535     Permittee     Address:     Somessit. CO 81434-0535     Paritity:     SanBorton:     3737 HIGHWAY 133       e:     610     Discharge:     010.A     SEDIMENT POND TO SANBORN CREEK     Facility:     SomErset, CO 81434-0535     SomErset, CO 81434-0535     SomErset, CO 81434-0535     3737 HIGHWAY 133       e:     From 06/01/19 to 06/30/19     DINR Due Date:     010.A     SEDIMENT POND TO SANBORN CREEK     SomErset, CO 81434-0535     SomErset, CO 81434-0535       vir form Completion     From 06/01/19 to 06/30/19     DINR Due Date:     07128/19     07128/19     Status:     NetDMR Validated       NUMITS WILL SE WANVED, AND SETTLEABLE SOLIDS LIMT APPLIED FOR <=10YR, 24HR PRECIP EVENT-SETTLEABLE SOLIDS LIMIT MAY BE WANVED FOR >10YR.24HR EVENT-SEE I.A1, PP 45, AND I.A.2, P. 5 FOR RQMNTS.TDS       E PART VI A.2.G OF RATIONALE: 30 DAY AVG: IS HIGHEST MONTHLY AVG. DURING PERIOD REPRID.     You other     NetDMR Validated       WINTE     MIKE     The:     PRESIDENT     PRESIDENT     NetDMR 24HR EVENT-SEE I.A1, PP 45, AND I.A.2, P. 5 FOR RQMNTS.TDS       UDLOW     The:     PRESIDENT     PRESIDENT     Proteine:     970-929-5122	Boff Ex Empliancy of Analysis Cample Time	Quality or Concentration				oading	Quantity or L			Monitoring Location Season # Param. NODI		
COUVUNTSZ     Permittee     Address:     Oxbow Mining LLC     Facility:     SANBORN CRK & ELK CRK MINES       No     Permittee Address:     Permittee Address:     Somerset. OD BXX SSS     Permittee Address:     SanBORN CRK & ELK CRK MINES       e:     010     Discharge:     010.A     Somerset. OD 81434-0535     SanBorset. OD 81434-0535     Facility:     Sa737 HIGHWAY 133       e:     External Outfall     Discharge:     010.A     SEDIMENT POND TO SANBORN CREEK     Satus:     SATE SATE CREATING ADDRESS TO SATE CREATING ADDRESS TO SATE CREATING ADDRESS TO CREATING ADDRESS TO SATE CREATING ADDRESS TO SA											1	Form NODI:
COUVUNI2Z No     Permittee:     Oxbow Mining LLC Permittee Address:     Source Mining LLC Permittee Address:     Facility:     SANBORN CRK & ELK CRK MINES       e:     010 External Outfall     Discharge:     00 Box 553 Somest, CO 81434-0535     Po Box 553 Somest, CO 81434-0535     Facility: Location:     3737 HIGHWAY 133 SOMERSET, CO 81434       visuur     From 06/01/19 to 06/301/9     Discharge:     010,A SEDIMENT POND TO SANBORN CREEK     Status:     NetDMR Validated       visuur     From 06/01/19 to 06/301/9     DMR Due Date:     01/28/19     01/28/19     Status:     NetDMR Validated       visuur     From 06/01/19 to 06/301/9     DMR Due Date:     01/28/19     01/28/19     Status:     NetDMR Validated       visuur     Form Completion     Source = 10YR, 24/R PRECIP EVENT:SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24/R EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P. 5 FOR RQMNTS.TDS       visuur     MIKE     MIKE     Title:     PRESIDENT     Facility:     970-929-512											(NODI)	No Data Indicator (NODI)
COUVUNTSZ     Permittee:     Oxbow Mining LLC     Facility:     SANBORN CRK & ELK CRK MINES       No     Permittee Address:     D0 Dax 553     Somerset, C0 81434-0535     Facility:     Cation:     3737 HIGHWAY 133       e:     010     Discharge:     010-A     Somerset, C0 81434-0535     Facility:     SomErset, C0 81434-0535       et:     External Outfall     Discharge:     010-A     SEDIMENT POND TO SANBORN CREEK     Facility:     SomErsET, C0 81434       Yatus     From 06/01/19 to 06/30/19     DMR Due Date:     07/28/19     07/28/19     Isatus:     NetDMR Validated       or Form Completion     STILE-ABLE SOLIDS LMT APPLIED FOR <10YR, 24HR PRECIP EVENT.SETTLE-ABLE 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       EPART VI.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.     Status:     NetDMR Validated       Ver Officer     Ver Officer     Ver Officer     Status:     NetDMR Validated	970-929-5122	Telephone:				DENT	PRESI		Title:	DLOW		First Name: Last Name:
COUVUNT22     Permittee:     Oxbow Mining LLC     Facility:     SANBORN CRK & ELK CRK MINES       No     Permittee Address:     D0 Box 553     Somesti, CO 81434-0535     Facility Location:     3737 HIGHWAY 133       e:     010     Discharge:     010-A     Somesti, CO 81434-0535     Facility Location:     3737 HIGHWAY 133       e:     010     External Outfail     Discharge:     010-A     Somesti, CO 81434-0535     Facility Location:     3737 HIGHWAY 133       e:     From 0607119 to 0630119     Discharge:     010-A     Somesti, CO 81434-0535     Somerset, CO 81434-0535       c:     From 0607119 to 0630119     Discharge:     01728119     01728119     Status:     NetDMR Validated       c:     Form Completion     DMR Due Date:     07728119     07728119     Status:     NetDMR Validated       EPART VI, A2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.     Status:     NetDMR Validated     Status:     NetDMR Validated											e Officer	Principal Executive Officer
Country     Permittee:     Oxow Mining LLC     Facility:       No     Permittee Address:     PO Box 535     Policy:       010     Inscharge:     010-A     Somerset: CO 81424-0535       010     Discharge:     010-A     Second Status:       External Outfall     Discharge:     010-A       From 0600119 to 06/30119     DMR Due Date:     07/28119	PP 4-5, AND I.A.2, P. 5 FOR ROMNTS.TDS	10YR,24HR EVENT-SEE I.A.1,	BE WAIVED FOR 3	OS LIMIT MAY E	<b>LEABLE SOLID</b>	EVENT;SETT RTD.	4HR PRECIP I PERIOD REPI	R <=10YR,2	MT APPLIED FOF	" WAIVED, AND SETTLEABLE SOLIDS L F RATIONALE. 30 DAY AVG. IS HIGHE	N LIMITS WILL BE PART VI.A.2.G O	ISS & TOTAL IRO
COUVU132     Permittee     Oxbow Mining LLC     Facility:       No     Permittee Address:     PO Box 535     Facility: Location:       010     External Outfall     Discharge:     010-A       External Outfall     Discharge:     010-A     SEDIMENT POND TO SANBORN CREEK       From 06/01/19 to 06/30/19     DMR Due Date:     07/28/19     Status:										3	r Form Completio	Considerations fo
COUVUT32     Permittee:     Oxbow Mining LLC     Facility:       No     Permittee Address:     PO Box 535     Facility: Location:       010     Discharge:     010-A     SEDIMENT POND TO SANBORN CREEK       External Outfall     Discharge:     5EDIMENT POND TO SANBORN CREEK	NetDMR Validated	Status:				9	07/28/1		DMR Due Date:	m 06/01/19 to 06/30/19		<b>Monitoring Period:</b>
COUNTISZ     Permittee:     Oxbow Mining LLC     Facility:       No     Permittee Address:     PO Box 53     Facility: Location:       010     Discharge:     010-A     PO-A       External Outfail     Discharge:     010-A     SEDIMENT POND TO SANBORN CREEK											atus	Report Dates & Status
0000132 Permittee: Oxbow Mining LLC Facility: Permittee Address: PO Box 535 Somerset, CO 81434-0535 Facility Location:				REEK	O SANBORN C	ENT POND T	010-A SEDIMI		Discharge:	ernal Outfall		Permitted Feature:
uuuut32 Permittee: Oxbow Mining LLC Facility:	3737 HIGHWAY 133 SOMERSET, CO 81434	Facility Location:			4-0535	c 535 set, CO 8143-	PO Box Somers	SS	Permittee Addre		No	Major:
	SANBORN CRK & ELK CRK MINES	Facility:				Mining LLC	Oxbow		Permittee:	0000132	00	Permit #:

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Permit #:	CO0000132		Permittee:	Oxbow Mining LLC	Fa	Facility:	SANBORN CRK & ELK CRK MINES	K & ELK CRK	MINES	
Major:	No		Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Fa	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434	Y 133 O 81434		
Permitted Feature:	012 External Outfall		Discharge:	012-A SEDIMENT POND TO ELK CREEK						
Report Dates & Status										
Monitoring Period:	From 06/01/19 to 06/30/19	9	DMR Due Date:	07/28/19	the second se	÷	NixtOMD Valida	1		
Considerations for Form Completion	letion		-			omino.	IVELDININ VAIIDALED	Inen		
TSS & TOTAL IRON LIMITS WILL MONITORING-SEE PART VI.A.2.	BE WAIVED, AND SETTL	EABLE SOLIDS L	TSS & TOTAL ROY LIMITS WILL BE WARVED, 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.	TSS & TOTAL IRON UMITS WILL BE WAIVED, AND SETTLEABLE SOLDS LMT APPLIED FOR <=10YR,24HR PRECIP EVENT.SETTLEABLE SOLDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT-SEE I.A.1,PP 4-5, AND I.A.2, P. 5 FOR ROMNTS.TDS MONTHLY AVG. DURING PERIOD REPRTD.	r may be waived for >	10YR,24HR EVENT-SE	E I.A.1,PP 4-5, AND I	A.2, P. 5 FOF	ROMNTS.TDS	
Principal Executive Officer										
First Name:	MIKE		Title:	PRESIDENT	1	Tolophopo:	070 000 5400			
Last Name:	LUDLOW				_	epiione.	7710-676-016			
No Data Indicator (NODI)			-							
Form NODI:	1									
Para	Monitoring Location Season # Param. NODI	on # Param. NODI	Qua	Quantity or Loading		Quality or Concentration		* 0.7	我 of Ex. Frequency of Analysis Sample Type	is Sample Type
		(0)	Sample	Qualifier 2 Value 2 Units Qualifier 1	er 1 Value 1 Qualifier 2	Value 2 Qualifier 3	ifler 3 Value 3	Units		
00400 pH	1 - Effluent Gross 0	I Pe	Permit Req.	¥2	6.5 MINIMUM	î	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
		(0)	Sample		C - No Discharge		C - No Discharge			
UUDUU Soliids, total suspended	1 - Effluent Gross 0	- Per	Permit Req. Value NODI		î	35 30DA AVG <=		19 - mg/L	01/30 - Monthly	GR - GRAB
		(0)	Sample			C - No Discharge	C - No Discharge			
	1 - Effluent Gross U	-	Permit Req.			Req Mon 30DA AVG	Req Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAB
			Sample			C - No Discharge	C - No Discharge			
01045 Iron, total [as Fe]	1 - Effluent Gross 0	1	Permit Req.		î	3000 30DA AVG <=	6000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
			Sample			C - No Discharge				
03582 Oil and grease	1 - Effluent Gross 0	Pe	Permit Req.			î	10 INST MAX	19 - mo/	77/77 - Contingent	
		Val	Value NODI				90	io mar	Contraction of the second second	01-0100
50050 Flow, in conduit or thru treatment plant 1 - Efficient Grass		0-1/200	idee							
	Contraction Contraction		T.C.L.	Req Mon DAILY MX 03 - MGD					01/30 - Monthly	IN - INSTAN
		(0)	Sample	C - No Discharge						
70295 Solids, total dissolved	1 - Effluent Gross 0	Pe	Permit Req.			Req Mon ORTR AVG	Req Mon DAILY MX 19 - mg/L	19 - mg/L	01/90 - Quarterly	GR - GRAB
		(0)	Sample			C - No Discharge	C - No Discharge			

84066 Oil and grease visual	1 - Effluent Gross 0 Permit Req. Value NOD	Reg Mon INST MAX 9P - N=0;Y=1	C - No Discharge	C - No Discharge	01/30 - Monthly	VI - VISUAL
Submission Note						
If a parameter row does not co	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	wing fields will be submitted for that row: Units, Number of Excursions, F	requency of Analysis, and Same	Ne Tune		
Edit Check Errors			and the second second second second second	no ijpo.		
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:	2019-07-01 09:01 (Time Zone: -06:00)					
Report Last Signed By						
User:	GHGSMITHOXBOW					
Name:	Douglas Smith					

Permit	DMR
	Copy
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	Record

Permit #:	CO000132	Dentition		-			
Major:	No	Permittee Address:	Oxoow Mining LLC PO Box 535 Somerset, CO 81434-0535	Facility: Facility Location:	SANBORN CRK & ELK CRK MINES 3737 HIGHWAY 133 SOMERSET CO 81434	RK MINES	
Permitted Feature:	013 External Outfall	Discharge:	013-A RUNOFF TO N FORK GUNNISON R				
Report Dates & Status		-					
Monitoring Period:	From 06/01/19 to 06/30/19	DMR Due Date:	07/28/19	Status:	Ninto Malidatad		
<b>Considerations for Form Completion</b>	npletion			viatuo.	INELDINIK Validated		
TSS & TOTAL IRON LIMITS W MONITORING-SEE PART VI.4	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 REPRITD	IDS LMT APPLIED FOR <=10YR,24H	TSS & TOTAL IRON LIMITS MILL 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 REPRID	IVED FOR >10YR,24HR EVENT-SE	E I.A.1, PP 4-5, AND I.A.2, P. 5 FC	OR ROMNTS.TDS	
Principal Executive Officer							
First Name:	MIKE	Title:	PRESIDENT	Telephone	070 000 5100		
Last Name:	LUDLOW			- orepriorie.	7710-676-016		
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Form NODI:	1						
Parameter	Monitoring Location Season # Param. NODI		Quantity or Loading				
Code Name		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	is Sample Type
00400 pH	1 - Effluent Gross 0	Sample Permit Req. Value NODI	>= 6.5 MINIMUM C - No Discharge		MAXIMUM	01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0 -	Sample 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 Req. Value NODI Sample		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge	01/30 - Monthly	GR - GRAB
01045 iron, total [as Fe]	1 - Effluent Gross 0	Permit Req. Value NODI Sample		<= 3000 30DA AVG <= C - No Discharge	6000 DAILY MX 28 - ug/L C - No Discharge	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Permit Req. Value NODI Sample		ĥ	10 INST MAX 19 - mg/L C - No Discharge	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	nt plant 1 - Effluent Gross 0	Permit Req. Req Mon 30DA AVG Value NODI C - No Discharge	VG 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		Req Mon QRTR AVG C - No Discharge	Req Mon DAILY MX 19 - mg/L C - No Discharge	01/90 - Quarterly	GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross 0	Permit Req. Value NODI	Req Mon INST MAX 9P - N=0,Y=1 C - No Discharte			01/30 - Monthly	VI - VISUAL
Submission Note							
If a parameter row does not co Edit Check Errors	ntain 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	s, Frequency of Analysis, and Sample	Type.		
No errors.							
Comments							

Attachments No attachments Report Last Saved By Oxbow Mining LLC User: Name: E-Mail: GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2019-07-01 09:01 (Time Zone: -06:00)

Date/Time: Report Last Signed By User: Name:

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50050 Flow in conduit or their treatment plant 1 - Efficient Con-	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:	Eirst Name-	TSS & TOTAL IRON LIMITS MONITORING-SEE PART VI Principal Executive Officer	<b>Considerations for Form Completion</b>	Monitoring Period:	Report Dates & Status	Permitted Feature:	Major:	Permit #:	Permit
ant plant is I think Come	1 - Effluent Gross 0	1 - Effluent Gross 0		1 - Effluent Gross 0	1 - Effluent Gross 0		Monitoring Location Season # Param, NODI	-		LUDLOW	MIKE	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. DURING PERIOD REPRTD. Principal Executive Officer	ompletion	From 06/01/19 to 06/30/19		014 External Outfall	S	CO0000132	
	Permit Req. Value NODI Sample	Permit Req Value NOD Sample	Permit Req. Value NODI Sample	Permit Req Value NOD Sample	Permit Req. Value NODI Sample		# Param. NODI			11116:		ABLE SOLIDS LMT AP AVG. IS HIGHEST MON		DMR		Disc	Perm	Pern	
	(¥ ¥			A A A A A A A A A A A A A A A A A A A		Qualifier 1 Value 1				·		PLIED FOR <=10YR,24 VTHLY AVG. DURING F		DMR Due Date:		Discharge:	Permittee Address:	Permittee:	
						Qualifier 2 Value 2	Quantity or Loading				0000000	HR PRECIP EVENT;SETTL ERIOD REPRTD.		07/28/19		014-A SURF RUNOFF TO N FK GUNNISON R	PO Box 535 Somerset, CO 81434-0535	Oxbow Mining LLC	
					ч П	Units Qualifier 1						EABLE SOLIDS LIMIT MA				N FK GUNNISON R	-0535		
		û		î	rge	Value 1 Qualifier 2				-		Y BE WAIVED FOR >					- 11 -		
	â	3000 30DA AVG <= C - No Discharge	Req Mon 30DA AVG C - No Discharge	35 30DA AVG C - No Discharge			Quality or Concentration			Telephone:		10YR,24HR EVENT-SE		Status:			Facility Location:	Facility	
	10 INST MAX C - No Discharge	6000 DAILY MX C - No Discharge	Req Mon DAILY MX 25 - mL/L C - No Discharge	70 DAILY MX C - No Discharge	9 MAXIMUM C - No Discharge	lfler 3 Value 3				970-929-5122		ee I.A.1,pp 4-5, and I.		NetDMR Validated			SOMERSET, CO 81434	SANDODNO	
	19 - mg/L	28 - ug/L	25 - mL/L	19 - mg/L	12 - SU	Units	# of Ex			N		.A.2, P. 5 FOR	Second Second	dated			SOMERSET, CO 81434		
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01/20 - Monthly GR - GRAB 01/20 - Monthly GR - GRAB 01/20 - Monthly GR - GRAB 77/77 - Contingent GR - GRAB 01/20 - Monthly IN - INSTAN 01/20 - Monthly VI - VISUAL
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Name:

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Permit #:	CO0000132		Permittee:	Oxbow Mining LLC		Facility:	SANB	SANBORN CRK & ELK CRK MINES	LK CRK MI	NES	
Major:	N		Permittee Address:	PO Box 535 Somerset, CO 81434-0535		Facility Location:	3737 I	3737 HIGHWAY 133 SOMERSET CO 81434	434	į	
Permitted Feature:	015 External Outfall		Discharge:	015-A							
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Considerations for Form Completion	ation					otatus.	INITIAN	NetDWK Validated			
30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE I.B. 1.D.	MONTHLY AVERAGE DURING PE	RIOD REPORTED	). OIL & GREASE - SEE I.B.1 D								
Principal Executive Officer											
First Name:	MIKE	_	Title:	PRESIDENT		Tologhan					
Last Name:	LUDLOW					relephone:	8-0/6	7710-878-016			
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01045 Iron, total [as Fe]	1 - Effluent Gross 0	Permit Req. Value NODI			â	3000 30DA AVG C - No Discharge	<= 6000 C	6000 DAILY MX 28. C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB
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84066 Oil and grease visual	1 - Effluent Gross 0	Permit Req. Value NODI		Req Mon INST MAX 9P - N=0;Y=1 C - No Discharge						01/07 - Weekly	VI - VISUAL
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Edit Check Errors	n any values for the Sample nor Ef	luent Trading, the	n none of 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. Edit Check Errors	of Excursions, Free	quency of Analysis, and S	Sample Type.				
No errors.											
Comments											
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No attachments. Report Last Saved By											
Oxbow Mining LLC											
User	GHGS	GHGSMITHOXBOW									
Name:	Dougla	Douglas Smith									

E-Mail: Date/Time: Report Last Signed By User: Name: E-Mail: Date/Time: 2019-07-01 09:00 (Time Zone: -06:00)

GHGSMITHOXBOW Douglas Smith doug.smith@oxbow.com 2019-07-01 09:03 (Time Zone: -06:00)

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Permit:         CO000132         Permittee:         Oxnow Mining LLC         Facility:         SANDERN CRK & ELK CRK MINES           Major:         No         Permittee Address:         On Box 535         Smirst: CO 8143-0535         Facility: Location:         3737 HIGHWAY 133           Permittee Facture:         015         Discharge:         O15 Somerset: CO 8143-0535         Facility: Location:         3737 HIGHWAY 133           Report Dates & Stritus:         External Outrial         From 040119 to 063019         Immotion period:         From 040119 to 063019         Immotion period:         Nontoring For Completion         Status:         NetDMR Vailage           Considerations for Form Completion         From 040119 to 063019         Immotion Date:         173819         Immotion Status:         NetDMR Vailage           SEELA-A. PS 6 FOR DETAILS OFTEST PROCEDURE. REPORT LC50 - STATISTICAL PINT WISTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS. AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO           DMR         ULDLOW         Immotion of Mine Value         970-929-512         Facility:		20- 20					
Permittee:     Oxbow Mining LLC     Facility:     SANDORN       Permittee Address:     PO Box 555 Somerset. C0 81434-0535     Facility: Location::     3737 HIGH SomErset       Discharge:     015-W ACUTE WET TESTING FOR 015A     Facility: Location::     3737 HIGH SomErset       D19     DMR Due Date:     01728/19     Status:     NetDMR Value       DURE. REPORT LC50 - STATISTICAL PINT WSTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE     PRESIDENT     Telephone:     970-929-51       Title:     PRESIDENT     PRESIDENT     Telephone:     970-929-51       Country or Loading     Country or Loading     Country or Conventation     970-929-51       On Season # Parm. NOD     Country or Loading     Country or Conventation     970-929-51       On Season # Parm. NOD     Country or Loading     Country or Conventation     970-929-51       On Season # Parm. NOD     Country or Loading     Country or Conventation     970-929-51       On Season # Parm. NOD     Country or Loading     Country or Conventation     970-929-51       On Season # Parm. NOD     Country or Loading     Country or Conventation     970-929-51							
Intit     CO0000132     Permittee:     Oxbow Mining LLC     Facility:     SANBORN CRK & ELK CRK MINES       glor:     No     Permittee Address:     OD Box 555     Someset: CO 81434-0535     Facility:     ST37 HIGHWAY 133       gor:     Discharge:     O15     Discharge:     O15A     Someset: CO 81434-0535     Facility: Location:     ST37 HIGHWAY 133       port Dates & Status     Discharge:     O15A     Discharge:     O15A     Status:     NetDMR Validated       port Dates & Status     Form 04/01/19 to 06/30/19     DMR Due Date:     07/28/19     Status:     NetDMR Validated       port Dates & Status     Form O4/01/19 to 06/30/19     DMR Due Date:     07/28/19     Status:     NetDMR Validated       port Dates & Status     Form 04/01/19 to 06/30/19     DMR Due Date:     07/28/19     Status:     NetDMR Validated       Post Port Der Completion     Form Completion     Fischarge:     Validated     PRESIDENT     Fischarge:     NetDMR Validated       Inniplac Executive Officer     Inniplac Executive Officer     MIKE     Title:     PRESIDENT     Fischarge:     970-929-512       Immittee Name:     UD_OW     -     Country or Loading of Value 2 Value		22 - 94	IN VALUE				AN6C LC50 Statre 96Hr Acute Pime
32     Permittee:     Oxbow Mining LLC     Facility: Permittee Address:     Po Box 535 Somerset. CO 81434-0535     Facility Location: Facility Location:       vurtall     Discharge:     015W ACUTE WEIT TESTING FOR 015A     Facility Location:       1/19 to 06/30/19     DMR Due Date:     0728/19     Status:       1/19 to 06/30/19     DMR Due Date:     0728/19     Status:       TEST PROCEDURE:     REPORT LCSO - STATISTICAL PINT WSTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATT/ TEST PROCEDURE:     PRESIDENT     Talephone:       Title:     PRESIDENT     Itality or Concentration Qualifier 1 Value 1     Country or Concentration							
Innit #:     CO0000132     Permittee:     Oxbow Mining LLC     Facility:     SANBORN CRK & ELK CRK MINES       glor:     No     Permittee Address:     Do Box 555     Somerset. CO 81434-0535     Facility:     SANBORN CRK & ELK CRK MINES       port Dates & Status:     D15     D15charge:     015-W     Somerset. CO 81434-0535     Facility Location:     3737 HIGHWAY 133       port Dates & Status:     From 0401/19 to 06/30/19     Discharge:     015-W     ACUTE WET TESTING FOR 015A     SomERSET. CO 81434       port Dates & Status:     From 0401/19 to 06/30/19     DMR Due Date:     07/28/19     Status:     NetDMR Vaildated       port Dates & Status:     From Completion     Immode Date:     07/28/19     Vert TESTING FOR 015A     NetDMR Vaildated       ELA-A. PP 6-6 FOR DETAILS OFTEST PROCEDURE. REPORT LC50 - STATISTICAL PINT WSTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO MR.       rst Name:     LUDLOW     Inte:     PRESIDENT     Telephone:     970-923-5122       vist Name:     LUDLOW     -     President for the form of the form o		er 3 Value 3 Units	Value 1 Qualifier 2 Value 2 Qualifie	Ter 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 \	Qualifi		
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Imitial         CO000132         Permittee:         Oxbow Mining LLC         Facility:         SANBORN CRK & ELK CRK MINES           glor:         No         Permittee Address:         Po Box S35         Somerset: C0 81434-0535         Permittee Address:         Somerset: C0 81434-0535         Permittee Address:         Somerset: C0 81434-0535         Permittee Address:         Somerset: C0 81434-0535         Somerset: C0 81434         Somerset: C0 81434-0535         NetDMR Validated           somerset:         From 04/01/19 to 06/30/19         DNR Due Date:         07/28/19         Zatus:         NetDMR Validated         NetDMR Validated           solutions for Form Completion         E1 A4. AP 5-6 FOR DETAILS OFTEST PROCEDURE: REPORT LC50 - STATISTICAL PINT WSTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS. AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO         Somerset: C0 20000000000000000000000000000000000							No Data Indicator (NODI)
Initial:       CO0000132       Permittee:       Oxbow Mining LLC       Facility:       SANBORN CRK & ELK CRK MINES         glor:       No       Permittee Address:       PO Box 535       Po Box 535       Facility:       SANBORN CRK & ELK CRK MINES         imittee       015       Constance:       Po Box 535       Po Box 535       Facility:       SANBORN CRK & ELK CRK MINES         imittee       015       Constance:       Po Box 535       Somerset: CO 81434-0535       SomErset:       SomErset: CO 81434         iport Dates & Status       Discharge:       O15-M       ACUTE WET TESTING FOR 015A       SomErset: CO 81434       SomErset: CO 81434         introing Period:       From 04/01/19 to 06/20/19       DMR Due Date:       07/28/19       ACUTE WET TESTING FOR 015A       NetDMR Validated         insiderations for Form Completion       ELA-A. PP 5-6 FOR DETAILS OFTEST PROCEDURE. REPORT LCSO - STATISTICAL PINT WSTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO MR.         Incipal Executive Officer       MKF       Incorport       Incorport		970-929-5122	Telephone:	PRESIDENT	THE.	UDLOW	
Initit         CO0000132         Permittee:         Oxbow Mining LLC         Facility:         SANBORN CRK & ELK CRK MINES           glor:         No         Permittee Address:         Do Box 555         Somerset. CO 81434-0535         Facility Location:         3737 HIGHWAY 133           imitted Feature:         015         Discharge:         015-W         COUTE WET TESTING FOR 015A         Facility Location:         3737 HIGHWAY 133           port Dates 4 Status         Discharge:         015-W         COUTE WET TESTING FOR 015A         Form 04/01/19 to 06/30/19         Discharge:         01/28/19         Status:         NetDMR Vaildated           port Dates 4 Status         From 04/01/19 to 06/30/19         DMR Due Date:         07/28/19         VIT/28/19         Status:         NetDMR Vaildated           posiderations for Form Completion         ELA A. PP 6-6 FOR DETAILS OFTEST PROCEDURE. REPORT LC50 - STATISTICAL PINT WSTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO MR.					THE	NKT	(ecutive Officer
CO0000132     Permittee:     Oxbow Mining LLC     Facility:       No     Permittee Address:     PO Box 535     Facility: Location:       015     C15     Somerset, CO 81434-0535     Facility Location:       015     Discharge:     015-W     ACUTE WET TESTING FOR 015A       tus     From 04/01/19 to 06/30/19     DMR Due Date:     07/28/19     Status:	ICITY TEST REPORT FORM TO	TTACH ACUTE TOX	, OF TEST ORGANISMS, AND A	. PINT WSTIMATE WHICH ISLETHAL TO 50%	EPORT LC50 - STATISTICAL	npletion AILS OFTEST PROCEDURE. R	Considerations for Form Con SEE I.A.4.A, PP 5-6 FOR DET DMR.
CC0000132     Permittee:     Oxbow Mining LLC     Facility:       No     Permittee Address:     PO Box 535     Facility:       015     C15     Somerset, CO 81434-0535     Facility Location:       015     Discharge:     015-W     ACUTE WET TESTING FOR 015A       ftus     External Outfall     Discharge:     015-W	é	NetDMR Validate	Status:	07/28/19	DMR Due Date:	rom 04/01/19 to 06/30/19	Monitoring Period: F
CC0000132         Permittee:         Oxbow Mining LLC         Facility:           No         Permittee Address:         PO Box 535         Facility Location:           015         Discharge:         015-W         Particle Address:         Porticle Address           015         Discharge:         015-W         AcUTE WET TESTING FOR 015A         Facility Location:							Report Dates & Status
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	& ELK CRK MINES	SANBORN CRK	Facility:	Oxbow Mining LLC	Permittee:	00000132	Ħ

### Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. Edit Check Errors

Comments	No errors.

## Attachments No attachments Report Last Saved By

Name User: Oxbow Mining LLC

GHGSMITHOXBOW

Date/Time:	E-Mail:	Name:
2019-07-01 08:59 (Time Zone: -0	doug.smith@oxbow.com	Douglas Smith

Report Last Signed By -06:00)

Douglas Smith GHGSMITHOXBOW

Name:

E-Mail: User:

Date/Time:

doug.smith@oxbow.com 2019-07-01 09:03 (Time Zone: -06:00)

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Major:	No		Permittee Address:	ldress:	PO Box 535			Facility:		SANBORN CRK & ELK CRK MINES	RK & ELK C	RK MINES	
			-		Somerset, CO 81434-0535	0535				SOMERSET, CO 81434	CO 81434		
Permitted Feature:	016 External Outfall		Discharge:		016-A SURFACE RUNDEE TO ELK ORFEK								
Report Dates & Status													
Monitoring Period:	From 06/01/19 to 06/30/19	19	DMR Due Date:	ite:	07/28/19			Statue:		Notom MD Vali	ł		
<b>Considerations for Form Completion</b>	pletion									NetONIX validated	rated		
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 . MONITORING-SEE PART VI,4.2.G OF RATIONALE 30 DAY AVG IS EIGHERST MONTALY AVG DI IBNG BEDIOD BOTO	2.G OF RATIONALE 30 DA	LEABLE SOLIC	US LMT APPLIED FO	R <= 10YR,24 HR P	RECIP EVENT;SETTLEA	BLE SOLIDS LIMI	TS MAY BE WAN	ED FOR >10YR,24HR	EVENT-SEE	I.A.1, PP 4-5, AN	ID I.A.2., P.	>10YR,24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2., P. 5 FOR ROMNTS. TDS	S
Principal Executive Officer													
First Name:	MIKE		Title:		PRESIDENT			Tolophano					
Last Name:	LUDLOW							releptione.		7710-676-076			
No Data Indicator (NODI)													
Form NODI:	•												
Parameter	Monitoring Location Season # Param, NODI	son # Param. NOD	2	Quan	Quantity or Loading								
Code Name			Qualifier 1	Value 1	Qualifier 2 Value 2	Units Qualifier 1	Value 1	Qualifier 2 Value 2	Qualifier 3	Value 3	Units	and a submitted or building of an and a submitted at the	At aidine cie
00400 pH	1 - Effluent Gross 0	T	Permit Req. Value NODI			ň	6.5 MINIMUM		î	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
00530 Solids total suspanded			Sample							C - INC Disciplinge			
	1 - Eliluent Gross 0	1	Value NODI					<= 35 30DA AVG	•	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00545 Solids settleable			Sample										
		,	Value NODI					Req Mon 30DA AVG	AVG	Req Mon DAILY MX 25 - mL/L	25 - mL/L	01/30 - Monthly	GR - GRAB
			Sample					C - NO Discharge	a	C - No Discharge			
01045 Iron, total [as Fe]	1 - Effluent Gross 0	I	Permit Req.					<= 3000 30DA AVG	1	6000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
			Value NODI					C - No Discharge	0	C - No Discharge			
03582 Oil and grease	1 - Effluent Gross 0	I	Permit Red										
8			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	t plant 1 - Effluent Gross 0	ı	Sample Permit Ren	Pag Man 2004 AVC		200							
			Value NODI	C - No Discharge	C - No Discharge	00-100						01/30 - Monthly	IN - INSTAN
			i.e.e										
/UZ95 Solids, total dissolved	1 - Effluent Gross 0	ı	Permit Req.					Req Mon QRTR AVG	AVG	Req Mon DAILY MX 19 - mg/L	( 19 - mg/L	01/90 - Quarterly	GR - GRAB
			Value NODI					C - No Discharge	e	C - No Discharge	a no migra		01-0101
84066 Oil and grease visual	1 - Effluent Gross 0	I	Permit Reg.		Reg Mon INST MAX	QD - NEOVE1							
			Value NODI		C - No Discharge	9F - N-0, T-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	tain any values for the Sam	ole nor Effluent	Trading, then none of	f the following fields	will be submitted for that r	row: Units, Number	r of Excursions. Fi	equency of Analysis, a	nd Sample Tv	D			
Edit Check Errors													
No errors.													
Comments													

Attachments No attachments Report Last Saved By Oxbow Mining LLC

User:

Douglas Smith doug.smith@oxbow.com 2019-07-01 08:59 (Time Zone: -06:00) GHGSMITHOXBOW

GHGSMITHOXBOW

Date/Time: Report Lest Signed By User: Name:

E-Mail: Name:

Douglas Smith

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Permit #:	CO0000132		Permittee:		Oxbow Mining LLC		Facility:				
Major:	N		Permittee Address:		PO Box 535 Somerset, CO 81434-0535		Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434	AY 133 CO 81434		
Permitted Feature:	017 External Outfall		Discharge:		017-A SURF RUNOFF TO N. FK GUNIS RIV						
Report Dates & Status											
Monitoring Period:	From 06/01/19 to 06/30/19	0/19	DMR Due Date:		07/28/19		Status:	NotOMD Valie	ł		
<b>Considerations for Form Completion</b>	mpletion								AUCA		
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LMT APPLIES FOR <=10YR,2 SEE PART VI.A.2.G OF RATIONALE, 30 DAY AVG IS HIGHEST MONTHLY AVG ID IRING PERIOD BOTD	VILL BE WAIVED, AND SET	TLEABLE SO	LIDS LMT APPLIES FOR <	=10YR,24HR PR	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 RQMNTS, TDS MONITORING SEE PART VI.A.2, O F RATIONALE, 30 DAY AVG IS HIGHEST MONTHLY AVG. DUBING BEFORD BETO	MAY BE WAIVED	FOR >10YR,24HR EVERT-SI	EE I.A.1,PP 4-5, AND I	.A.2., P 5 FC	OR ROMNTS. TDS M	VONITO
Principal Executive Officer											
First Name:	MIKE		Title:		PRESIDENT						
Last Name:	LUDLOW						reiebiioite:	771.0-676-016			
No Data Indicator (NODI)											
Form NODI:	1										
Para	Monitoring Location Season # Param. NODI	ason # Param, N		Quant	Quantity or Loading		Quality or Concentration			th of Ex. Evening of Analysis Gample Type	Velo Cam
voue name			Qualifier 1	Value 1 Qi	Qualifier 2 Value 2 Units Qualifier 1	Value 1	Qualifier 2 Value 2 Qua	Qualifier 3 Value 3	Units		
00400 pH	1 - Effluent Gross 0	ı	Permit Req.		X	6.5 MINIMUM	î	9 MAXIMUM	12 - SU	01/30 - Monthly	IS - INSITU
			Sample			C - No Discharge		egn			
00530 Solids, total suspended	1 - Effluent Gross 0	1	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
00545 Solids, settleable	1 - Effluent Gross 0	I	Permit Req. 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
01045 Iron, total [as Fe]	1 - Effluent Gross 0	ı	Sample			î	= 3000 30DA AVG <= C - No Discharge	6000 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	1	Permit Req. Value NODI Sample				â	10 INST MAX C - No Discharge	19 - mg/L	77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	nt plant 1 - Effluent Gross 0	I	2 A I	Req Mon 30DA AVG C - No Discharge	Req Men DAILY MX 03 - MGD C - No Discharge					01/30 - Monthly	IN - INSTAN
70295 Solids, total dissolved		ı	Permit Req. Value NODI Sample				Req Mon QRTR AVG C - No Discharge	Req Mon DAILY MX 19 - mg/L C - No Discharge	19 - mg/L	01/90 - Quarterly	GR - GRAB
			Permit Req.		Keq Mon INST MAX 9P - N=0;Y=1					01/30 - Monthly	VI - VISUAL

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.

Submission Note

reck Errors 75. 76. 77. 78. 78. 78. 78. 78. 78. 78. 78. 78	201407.01 08.58 (Time Zone: 06:00)	Date/Time:
Errors Saved By ng LLC GHGSMITHOXBOW Douglas Smith	doug.smith@oxbow.com	E-Mail:
Errors s seved By g LLC GHGSMITHOXBOW	Douglas Smith	Name:
Errors Saved By Ing LLC	GHGSMITHOXBOW	User:
Errors		Oxbow Mining LLC
S Errors		Report Last Saved By
Erros S		No attachments.
		Attachments
		Comments
Edit Check Errors		No errors.
		Edit Check Errors

2019-07-01 08:58 (Time Zone: -06:00)

GHGSMITHOXBOW Douglas Smith

User:

Report Last Signed By

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Name:

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Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK		
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:		SOMERSET OF 81434	
Permitted Feature:	019 External Outfall	Discharge:	019-A SURFACE RUNOFF TO HUBBARD OBK	-			
Report Dates & Status		-					
Monitoring Period:	From 06/01/19 to 06/30/19	DMR Due Date:	07/28/19	Status:	Nin+DMD Validato		
<b>Considerations for Form Completion</b>	ompletion			Cumuro:		Ē	
TSS & TOTAL IRON LIMITS MONITORING-SEE PART VI	WILL BE WAIVED, AND SETTLEABLE SO	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 MAY BE WAIVED FOR >10YR MONITORING-SEE PART VI.4.2.G OF RATIONALE: 30 DAY AVG IS HIGHEST MONTHY AVG IN IBING SEPARTING SEPART	WAIVED FOR >10YR.24HR EVENT	.24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P 5 FOR ROMNTS.TDS	5 FOR RQMNTS.TDS	
<b>Principal Executive Officer</b>							
First Name:	MIKE	Title:	PRESIDENT	Telephone:	070 000 5100		
Last Name:	LUDLOW			l respirete.	2710-228-016		
No Data Indicator (NODI)		-					
Form NODI:	1						
Parar	Monitoring Location Season # Param. NODI	0	Quantity or Loading	Quality or Concentration	ation	# of Ex. Frequency of Analysis Sample Type	s Sample T
Note indine		Qualifier 1 Value 1	Qualifier 2 Value 2 Units Qualifier 1	Value 1 Qualifier 2 Value 2	Qualifier 3 Value 3 Units		
00400 pH	1 - Effluent Gross 0	Sample Permit Req. Value NODI	>= 651 C-1	6.5 MINIMUM C - No Discharge	<= 9 MAXIMUM 12 - SU C - No Discharge	SU 01/30 - Monthly	IS - INSITU
00530 Solids, total suspended	1 - Effluent Gross 0 -	Permit Req. Value NODI		<= 35 30DA AVG C - No Discharge	<= 70 MX 7D AV 19 - mg/L C - No Discharge	ng/L 01/30 - Monthly	GR - GRAB
00545 Solids, settleable	1 - Effluent Gross 0	Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge		nL/L 01/30 - Monthly	GR - GRAB
01045 Iron, total [as Fe]	1 - Effluent Gross 0	Sample Permit Req. Value NODI		<= 3000 30DA AVG C - No Discharge	<= 6000 DAILY MX 28 - ug/L C - No Discharge	ig/L 01/30 - Monthly	GR - GRAB
03582 Oil and grease	1 - Effluent Gross 0	Permit Req. Value NODI Sample			<= 10 INST MAX 19 - mg/L C - No Discharge	mg/L 77/77 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross	nent plant 1 - Effluent Gross 0	Value NODI Samble	AAVG Req Men DAILY MX 03 - MGD ge C - No Discharge			01/30 - Monthly	IN - INSTAN
70295 Solids, total dissolved	1 - Effluent Gross 0	Permit Req. Value NODI Sample		Req Mon 30DA AVG C - No Discharge	'G Req Mon DAILY MX 19 - mg/L C - No Discharge	ng/L 01/90 - Quarterly	GR - GRAB
84066 Oil and grease visual	1 - Effluent Gross 0 -	Permit Req. Value NODI	Req Mon INST MAX 9P - N=0;Y=1 C - No Discharge			01/30 - Monthly	VI - VISUAL
Submission Note							
If a parameter row does not c Edit Check Errors	contain any values for the Sample nor Efflue	nt Trading, then none of the following	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 Edit Check Errors	cursions, Frequency of Analysis, and	Analysis, 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 2019-07-01 08:57 (Time Zone: -06:00)

Douglas Smith GHGSMITHOXBOW

Date/Time: Report Lest Signed By User: Name:

E-Mail: