



STATE OF
COLORADO

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

NetDMR COR Submission for: CO0000132

Doug Smith <Doug.Smith@oxbow.com>

Wed, Sep 5, 2018 at 4:16 PM

To: "leigh.simmons@state.co.us" <leigh.simmons@state.co.us>

Cc: Mike Ludlow <Mike.Ludlow@oxbow.com>

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 August 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



20180901 August DMR's to CDRMS.pdf
4121K

DMR Copy of Record

Permit	Permit #: CO0000132	Permittee: Oxbow Mining LLC	Facility: SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address: PO Box 535 Someset, CO 81434-0535	Facility Location: 3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	007 External Outfall	Discharge: 007-A SEDIMENT POND TO HUBBARD CREEK	

Report Dates & Status	Monitoring Period: From 08/01/18 to 08/31/18	DMR Due Date: 09/28/18	Status: Not DMR Validated
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TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1,PP.4-5, AND I.A.2, P. 5 FOR RQMNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

First Name: Mike	Title: President
Last Name: Ludlow	Telephone: 970-525-5122

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis			Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Qualifier 4	
00400 pH		1 - Effluent Gross	0	--										
		Sample												
00530 Solids, total suspended		1 - Effluent Gross	0	--										
		Sample												
00546 Solids, settleable		1 - Effluent Gross	0	--										
		Sample												
01045 Iron, total [as Fe]		1 - Effluent Gross	0	--										
		Sample												
03582 Oil and grease		1 - Effluent Gross	0	--										
		Sample												
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--										
		Sample												
84058 Oil and grease visual		1 - Effluent Gross	0	--										
		Sample												

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-09-05 15:14 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-09-05 15:25 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerst, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	009 External Outfall	Discharge:	009-A SURF RUNOFF TO N FK GUNIS RIVR		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 08/01/18 to 08/31/18	09/28/18	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENT. SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P. 5 FOR RQMNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IF HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-929-5122

No Data Indicator (NODI)

Form NODI:

Parameter	Sample	Qualifier 1	Qualifier 2	Qualifier 3	Value 1	Value 2	Value 3	Units	Qualifier 4	Value 4	Qualifier 5	Value 5	Qualifier 6	Value 6	Qualifier 7	Value 7	Qualifier 8	Value 8	Qualifier 9	Value 9	Qualifier 10	Value 10	Qualifier 11	Value 11	Qualifier 12	Value 12	Qualifier 13	Value 13	Qualifier 14	Value 14	Qualifier 15	Value 15	Qualifier 16	Value 16	Qualifier 17	Value 17	Qualifier 18	Value 18	Qualifier 19	Value 19	Qualifier 20	Value 20	Qualifier 21	Value 21	Qualifier 22	Value 22	Qualifier 23	Value 23	Qualifier 24	Value 24	Qualifier 25	Value 25	Qualifier 26	Value 26	Qualifier 27	Value 27	Qualifier 28	Value 28	Qualifier 29	Value 29	Qualifier 30	Value 30	Qualifier 31	Value 31	Qualifier 32	Value 32	Qualifier 33	Value 33	Qualifier 34	Value 34	Qualifier 35	Value 35	Qualifier 36	Value 36	Qualifier 37	Value 37	Qualifier 38	Value 38	Qualifier 39	Value 39	Qualifier 40	Value 40	Qualifier 41	Value 41	Qualifier 42	Value 42	Qualifier 43	Value 43	Qualifier 44	Value 44	Qualifier 45	Value 45	Qualifier 46	Value 46	Qualifier 47	Value 47	Qualifier 48	Value 48	Qualifier 49	Value 49	Qualifier 50	Value 50	Qualifier 51	Value 51	Qualifier 52	Value 52	Qualifier 53	Value 53	Qualifier 54	Value 54	Qualifier 55	Value 55	Qualifier 56	Value 56	Qualifier 57	Value 57	Qualifier 58	Value 58	Qualifier 59	Value 59	Qualifier 60	Value 60	Qualifier 61	Value 61	Qualifier 62	Value 62	Qualifier 63	Value 63	Qualifier 64	Value 64	Qualifier 65	Value 65	Qualifier 66	Value 66	Qualifier 67	Value 67	Qualifier 68	Value 68	Qualifier 69	Value 69	Qualifier 70	Value 70	Qualifier 71	Value 71	Qualifier 72	Value 72	Qualifier 73	Value 73	Qualifier 74	Value 74	Qualifier 75	Value 75	Qualifier 76	Value 76	Qualifier 77	Value 77	Qualifier 78	Value 78	Qualifier 79	Value 79	Qualifier 80	Value 80	Qualifier 81	Value 81	Qualifier 82	Value 82	Qualifier 83	Value 83	Qualifier 84	Value 84	Qualifier 85	Value 85	Qualifier 86	Value 86	Qualifier 87	Value 87	Qualifier 88	Value 88	Qualifier 89	Value 89	Qualifier 90	Value 90	Qualifier 91	Value 91	Qualifier 92	Value 92	Qualifier 93	Value 93	Qualifier 94	Value 94	Qualifier 95	Value 95	Qualifier 96	Value 96	Qualifier 97	Value 97	Qualifier 98	Value 98	Qualifier 99	Value 99	Qualifier 100	Value 100	Qualifier 101	Value 101	Qualifier 102	Value 102	Qualifier 103	Value 103	Qualifier 104	Value 104	Qualifier 105	Value 105	Qualifier 106	Value 106	Qualifier 107	Value 107	Qualifier 108	Value 108	Qualifier 109	Value 109	Qualifier 110	Value 110	Qualifier 111	Value 111	Qualifier 112	Value 112	Qualifier 113	Value 113	Qualifier 114	Value 114	Qualifier 115	Value 115	Qualifier 116	Value 116	Qualifier 117	Value 117	Qualifier 118	Value 118	Qualifier 119	Value 119	Qualifier 120	Value 120	Qualifier 121	Value 121	Qualifier 122	Value 122	Qualifier 123	Value 123	Qualifier 124	Value 124	Qualifier 125	Value 125	Qualifier 126	Value 126	Qualifier 127	Value 127	Qualifier 128	Value 128	Qualifier 129	Value 129	Qualifier 130	Value 130	Qualifier 131	Value 131	Qualifier 132	Value 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215	Qualifier 216	Value 216	Qualifier 217	Value 217	Qualifier 218	Value 218	Qualifier 219	Value 219	Qualifier 220	Value 220	Qualifier 221	Value 221	Qualifier 222	Value 222	Qualifier 223	Value 223	Qualifier 224	Value 224	Qualifier 225	Value 225	Qualifier 226	Value 226	Qualifier 227	Value 227	Qualifier 228	Value 228	Qualifier 229	Value 229	Qualifier 230	Value 230	Qualifier 231	Value 231	Qualifier 232	Value 232	Qualifier 233	Value 233	Qualifier 234	Value 234	Qualifier 235	Value 235	Qualifier 236	Value 236	Qualifier 237	Value 237	Qualifier 238	Value 238	Qualifier 239	Value 239	Qualifier 240	Value 240	Qualifier 241	Value 241	Qualifier 242	Value 242	Qualifier 243	Value 243	Qualifier 244	Value 244	Qualifier 245	Value 245	Qualifier 246	Value 246	Qualifier 247	Value 247	Qualifier 248	Value 248	Qualifier 249	Value 249	Qualifier 250	Value 250	Qualifier 251	Value 251	Qualifier 252	Value 252	Qualifier 253	Value 253	Qualifier 254	Value 254	Qualifier 255	Value 255	Qualifier 256	Value 256	Qualifier 257	Value 257	Qualifier 258	Value 258	Qualifier 259	Value 259	Qualifier 260	Value 260	Qualifier 261	Value 261	Qualifier 262	Value 262	Qualifier 263	Value 263	Qualifier 264	Value 264	Qualifier 265	Value 265	Qualifier 266	Value 266	Qualifier 267	Value 267	Qualifier 268	Value 268	Qualifier 269	Value 269	Qualifier 270	Value 270	Qualifier 271	Value 271	Qualifier 272	Value 272	Qualifier 273	Value 273	Qualifier 274	Value 274	Qualifier 275	Value 275	Qualifier 276	Value 276	Qualifier 277	Value 277	Qualifier 278	Value 278	Qualifier 279	Value 279	Qualifier 280	Value 280	Qualifier 281	Value 281	Qualifier 282	Value 282	Qualifier 283	Value 283	Qualifier 284	Value 284	Qualifier 285	Value 285	Qualifier 286	Value 286	Qualifier 287	Value 287	Qualifier 288	Value 288	Qualifier 289	Value 289	Qualifier 290	Value 290	Qualifier 291	Value 291	Qualifier 292	Value 292	Qualifier 293	Value 293	Qualifier 294	Value 294	Qualifier 295	Value 295	Qualifier 296	Value 296	Qualifier 297	Value 297	Qualifier 298	Value 298	Qualifier 299	Value 299	Qualifier 300	Value 300	Qualifier 301	Value 301	Qualifier 302	Value 302	Qualifier 303	Value 303	Qualifier 304	Value 304	Qualifier 305	Value 305	Qualifier 306	Value 306	Qualifier 307	Value 307	Qualifier 308	Value 308	Qualifier 309	Value 309	Qualifier 310	Value 310	Qualifier 311	Value 311	Qualifier 312	Value 312	Qualifier 313	Value 313	Qualifier 314	Value 314	Qualifier 315	Value 315	Qualifier 316	Value 316	Qualifier 317	Value 317	Qualifier 318	Value 318	Qualifier 319	Value 319	Qualifier 320	Value 320	Qualifier 321	Value 321	Qualifier 322	Value 322	Qualifier 323	Value 323	Qualifier 324	Value 324	Qualifier 325	Value 325	Qualifier 326	Value 326	Qualifier 327	Value 327	Qualifier 328	Value 328	Qualifier 329	Value 329	Qualifier 330	Value 330	Qualifier 331	Value 331	Qualifier 332	Value 332	Qualifier 333	Value 333	Qualifier 334	Value 334	Qualifier 335	Value 335	Qualifier 336	Value 336	Qualifier 337	Value 337	Qualifier 338	Value 338	Qualifier 339	Value 339	Qualifier 340	Value 340	Qualifier 341	Value 341	Qualifier 342	Value 342	Qualifier 343	Value 343	Qualifier 344	Value 344	Qualifier 345	Value 345	Qualifier 346	Value 346	Qualifier 347	Value 347	Qualifier 348	Value 348	Qualifier 349	Value 349	Qualifier 350	Value 350	Qualifier 351	Value 351	Qualifier 352	Value 352	Qualifier 353	Value 353	Qualifier 354	Value 354	Qualifier 355	Value 355	Qualifier 356	Value 356	Qualifier 357	Value 357	Qualifier 358	Value 358	Qualifier 359	Value 359	Qualifier 360	Value 360	Qualifier 361	Value 361	Qualifier 362	Value 362	Qualifier 363	Value 363	Qualifier 364	Value 364	Qualifier 365	Value 365	Qualifier 366	Value 366	Qualifier 367	Value 367	Qualifier 368	Value 368	Qualifier 369	Value 369	Qualifier 370	Value 370	Qualifier 371	Value 371	Qualifier 372	Value 372	Qualifier 373	Value 373	Qualifier 374	Value 374	Qualifier 375	Value 375	Qualifier 376	Value 376	Qualifier 377	Value 377	Qualifier 378	Value 378	Qualifier 379	Value 379	Qualifier 380	Value 380	Qualifier 381	Value 381	Qualifier 382	Value 382	Qualifier 383	Value 383	Qualifier 384	Value 384	Qualifier 385	Value 385	Qualifier 386	Value 386	Qualifier 387	Value 387	Qualifier 388	Value 388	Qualifier 389	Value 389	Qualifier 390	Value 390	Qualifier 391	Value 391	Qualifier 392	Value 392	Qualifier 393	Value 393	Qualifier 394	Value 394	Qualifier 395	Value 395	Qualifier 396	Value 396	Qualifier 397	Value 397	Qualifier 398	Value 398	Qualifier 399	Value 399	Qualifier 400	Value 400	Qualifier 401	Value 401	Qualifier 402	Value 402	Qualifier 403	Value 403	Qualifier 404	Value 404	Qualifier 405	Value 405	Qualifier 406	Value 406	Qualifier 407	Value 407	Qualifier 408	Value 408	Qualifier 409	Value 409	Qualifier 410	Value 410	Qualifier 411	Value 411	Qualifier 412	Value 412	Qualifier 413	Value 413	Qualifier 414	Value 414	Qualifier 415	Value 415	Qualifier 416	Value 416	Qualifier 417	Value 417	Qualifier 418	Value 418	Qualifier 419	Value 419	Qualifier 420	Value 420	Qualifier 421	Value 421	Qualifier 422	Value 422	Qualifier 423	Value 423	Qualifier 424	Value 424	Qualifier 425	Value 425	Qualifier 426	Value 426	Qualifier 427	Value 427	Qualifier 428	Value 428	Qualifier 429	Value 429	Qualifier 430	Value 430	Qualifier 431	Value 431	Qualifier 432	Value 432	Qualifier 433	Value 433	Qualifier 434	Value 434	Qualifier 435	Value 435	Qualifier 436	Value 436	Qualifier 437	Value 437	Qualifier 438	Value 438	Qualifier 439	Value 439	Qualifier 440	Value 440	Qualifier 441	Value 441	Qualifier 442	Value 442	Qualifier 443	Value 443	Qualifier 444	Value 444	Qualifier 445	Value 445	Qualifier 446	Value 446	Qualifier 447	Value 447	Qualifier 448	Value 448	Qualifier 449	Value 449	Qualifier 450	Value 450	Qualifier 451	Value 451	Qualifier 452	Value 452	Qualifier 453	Value 453	Qualifier 454	Value 454	Qualifier 455	Value 455	Qualifier 456	Value 456	Qualifier 457	Value 457	Qualifier 458	Value 458	Qualifier 459	Value 459	Qualifier 460	Value 460	Qualifier 461	Value 461	Qualifier 462	Value 462	Qualifier 463	Value 463	Qualifier 464	Value 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506	Value 506	Qualifier 507	Value 507	Qualifier 508	Value 508	Qualifier 509	Value 509	Qualifier 510	Value 510	Qualifier 511	Value 511	Qualifier 512	Value 512	Qualifier 513	Value 513	Qualifier 514	Value 514	Qualifier 515	Value 515	Qualifier 516	Value 516	Qualifier 517	Value 517	Qualifier 518	Value 518	Qualifier 519	Value 519	Qualifier 520	Value 520	Qualifier 521	Value 521	Qualifier 522	Value 522	Qualifier 523	Value 523	Qualifier 524	Value 524	Qualifier 525	Value 525	Qualifier 526	Value 526	Qualifier 527	Value 527	Qualifier 528	Value 528	Qualifier 529	Value 529	Qualifier 530	Value 530	Qualifier 531	Value 531	Qualifier 532	Value 532	Qualifier 533	Value 533	Qualifier 534	Value 534	Qualifier 535	Value 535	Qualifier 536	Value 536	Qualifier 537	Value 537	Qualifier 538	Value 538	Qualifier 539	Value 539	Qualifier 540	Value 540	Qualifier 541	Value 541	Qualifier 542	Value 542	Qualifier 543	Value 543	Qualifier 544	Value 544	Qualifier 545	Value 545	Qualifier 546	Value 546	Qualifier 547	Value 547	Qualifier 548	Value 548	Qualifier 549	Value 549	Qualifier 550	Value 550	Qualifier 551	Value 551	Qualifier 552	Value 552	Qualifier 553	Value 553	Qualifier 554	Value 554	Qualifier 555	Value 555	Qualifier 556	Value 556	Qualifier 557	Value 557	Qualifier 558	Value 558	Qualifier 559	Value 559	Qualifier 560	Value 560	Qualifier 561	Value 561	Qualifier 562	Value 562	Qualifier 563	Value 563	Qualifier 564	Value 564	Qualifier 565	Value 565	Qualifier 566	Value 566	Qualifier 567	Value 567	Qualifier 568	Value 568	Qualifier 569	Value 569	Qualifier 570	Value 570	Qualifier 571	Value 571	Qualifier 572	Value 572	Qualifier 573	Value 573	Qualifier 574	Value 574	Qualifier 575	Value 575	Qualifier 576	Value 576	Qualifier 577	Value 577	Qualifier 578	Value 578	Qualifier 579	Value 579	Qualifier 580	Value 580	Qualifier 581	Value 581	Qualifier 582	Value 582	Qualifier 583	Value 583	Qualifier 584	Value 584	Qualifier 585	Value 585	Qualifier 586	Value 586	Qualifier 587	Value 587	Qualifier 588	Value 588	Qualifier 589	Value 589	Qualifier 590	Value 590	Qualifier 591	Value 591	Qualifier 592	Value 592	Qualifier 593	Value 593	Qualifier 594	Value 594	Qualifier 595	Value 595	Qualifier 596	Value 596	Qualifier 597	Value 597	Qualifier 598	Value 598	Qualifier 599	Value 599	Qualifier 600	Value 600	Qualifier 601	Value 601	Qualifier 602	Value 602	Qualifier 603	Value 603	Qualifier 604	Value 604	Qualifier 605	Value 605	Qualifier 606	Value 606	Qualifier 607	Value 607	Qualifier 608	Value 608	Qualifier 609	Value 609	Qualifier 610	Value 610	Qualifier 611	Value 611	Qualifier 612	Value 612	Qualifier 613	Value 613	Qualifier 614	Value 614	Qualifier 615	Value 615	Qualifier 616	Value 616	Qualifier 617	Value 617	Qualifier 618	Value 618	Qualifier 619	Value 619	Qualifier 620	Value 620	Qualifier 621	Value 621	Qualifier 622	Value 622	Qualifier 623	Value 623	Qualifier 624	Value 624	Qualifier 625	Value 625	Qualifier 626	Value 626	Qualifier 627	Value 627	Qualifier 628	Value 628	Qualifier 629	Value 629</
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Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Someset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	010 External Outfall	Discharge:	010-A SEDIMENT POND TO SANBORN CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 08/01/18 to 08/31/18	09/28/18	NetDMR Validated

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1,PP 4-5, AND I.A.2, P. 5 FOR RQMNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-929-5122

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis		Sample Type
					Qualifier 1	Value 1	Qualifier 1	Value 1	Qualifier 2	Value 2	
00400 pH	1 - Effluent Gross	0	--	Sample							
				Permit Req. Value NODI							
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample							
				Permit Req. Value NODI							
00545 Solids, settleable	1 - Effluent Gross	0	--	Sample							
				Permit Req. Value NODI							
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample							
				Permit Req. Value NODI							
03582 Oil and grease	1 - Effluent Gross	0	--	Sample							
				Permit Req. Value NODI							
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample							
				Permit Req. Value NODI							
84066 Oil and grease visual	1 - Effluent Gross	0	--	Sample							
				Permit Req. Value NODI							

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

Edit Check Errors

No errors.

Comments

Attachments

Report Last Saved By

Oxbow Mining LLC

User:

Name: GHGSMITHXBOW

E-Mail: doug.smith@oxbow.com

Date/Time: 2018-09-05 15:17 (Time Zone: -06:00)

Report Last Signed By

User:

Name: GHGSMITHXBOW

E-Mail: doug.smith@oxbow.com

Date/Time: 2018-09-05 15:25 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Features:	012 External Outfall	Discharge:	012-A SEDIMENT POND TO ELK CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 08/01/18 to 08/31/18	09/28/18	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENT;SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR,24HR EVENT-SEE I.A.1,PP 4-5, AND I.A.2, P. 5 FOR RQMNTS.TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-929-5122

Parameter		Monitoring Location		Season		Param. NODI		Quantity or Loading		Quality or Concentration		# of Ex.		Frequency of Analysis		Sample Type	
Code	Name	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units			
00400 pH	1 - Effluent Gross	0	--														
00530 Solids, total suspended	1 - Effluent Gross	0	--														
00545 Solids, settleable	1 - Effluent Gross	0	--														
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--														
03562 Oil and grease	1 - Effluent Gross	0	--														
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--														
84066 Oil and grease visual	1 - Effluent Gross	0	--														

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-09-05 15:18 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-09-05 15:25 (Time Zone: -06:00)

DMR Copy of Record

Permit	Permittee:	Facility:
Permit #: CO0000132	Oxbow Mining LLC	SANBORN CRK & ELK CRK MINES
Major: No	PO Box 535 Somerse, CO 81434-0535	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	Discharge:	
013 External Outfall	013-A RUNOFF TO N FORK GUNNISON R.	

Report Dates & Status	Status:
Monitoring Period: From 08/01/18 to 08/31/18	NetDMR Validated

TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR 24HR PRECIP EVENT; SETTLEABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, P.P. 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 MONTHLY AVG. DURING PERIOD REPRPT.

Principal Executive Officer

First Name:	Title:	Telephone:
Mike	President	970-929-5122
Last Name:		
Ludlow		

Form NOD: No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Season	# Param. NOD	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis			Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Qualifier 4	Value 4	Sample Type
00400 pH		1 - Effluent Gross	0	--										IS - INSTITU
00530 Solids, total suspended		1 - Effluent Gross	0	--										GR - GRAB
00545 Solids, settleable		1 - Effluent Gross	0	--										GR - GRAB
01045 Iron, total [as Fe]		1 - Effluent Gross	0	--										GR - GRAB
03582 Oil and grease		1 - Effluent Gross	0	--										GR - GRAB
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--										IN - INSTAN
84066 Oil and grease visual		1 - Effluent Gross	0	--										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

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-09-05 15:18 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-09-05 15:25 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	014 External Outfall	Discharge:	014-A SURF RUNOFF TO N FK GUNNISON R		

Report Dates & Status	
Monitoring Period:	From 08/01/18 to 08/31/18
DMR Due Date:	09/28/18
Status:	NetDMR Validated

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENT;SETTLABLE SOLIDS LIMIT MAY BE WAIVED FOR >10YR.24HR EVENT-SEE I.A.1.PP 4-5, AND I.A.2, P. 5 FOR RQWNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG. IS HIGHEST MONTHLY AVG. DURING PERIOD REPRTD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-925-5122

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Qualifier:1	Value 1	Qualifier:2	Value 2	Units	Qualifier:1	Value 1	Qualifier:2	Value 2	Quality or Concentration	Qualifier:3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--																
00530	Solids, total suspended	1 - Effluent Gross	0	--																
00545	Solids, settleable	1 - Effluent Gross	0	--																
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--																
03582	Oil and grease	1 - Effluent Gross	0	--																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--																
84066	Oil and grease visual	1 - Effluent Gross	0	--																

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

GHGSMITHOXBOW
Douglas Smith
doug.smith@oxbow.com
2018-09-05 15:19 (Time Zone: -06:00)

GHGSMITHOXBOW
Douglas Smith
doug.smith@oxbow.com
2018-09-05 15:25 (Time Zone: -06:00)

DMR Copy of Record

Permit Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Someset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	015 External Outfall	Discharge:	015-A DISCHARGE TO ELK CREEK		

Report Dates & Status	DMR Due Date:	Status:
Monitoring Period: From 08/01/18 to 08/31/18	09/28/18	NetDMR Validated
Considerations for Form Completion 30 DAY AVERAGE IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE - SEE I.B.1.D.		

First Name:	Title:	Telephone:
Last Name:		
Mike Ludlow	President	970-325-5122

No Data Indicator (NODI)	
Form NODI:	

Code	Parameter Name	Monitoring Location	Season	Param. NODI	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
00400	pH	1 - Effluent Gross	0	--															
00530	Solids, total suspended	1 - Effluent Gross	0	--															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--															
03582	Oil and grease	1 - Effluent Gross	0	--															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--															
84066	Oil and grease visual	1 - Effluent Gross	0	--															

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

Edit Check Errors
No errors.

Comments

Attachments
No attachments.

Report Last Saved By
Oxbow Mining LLC

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-09-05 15:20 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHOXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com
Date/Time: 2018-09-05 15:25 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	016 External Outfall	Discharge:	016-A SURFACE RUNOFF TO ELK CREEK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 08/01/18 to 08/31/18	09/28/18	NetDMR Validated

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR 24HR PRECIP EVENT; SETTLEABLE SOLIDS LIMITS MAY BE WAIVED FOR >10YR 24HR EVENT-SEE I.A.1, PP 4-5, AND I.A.2, P. 5 FOR RQMTS. TDS MONITORING-SEE PART V.I.A.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD RPTD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-929-5122

Form NOD:	No Data Indicator (NOD)
-----------	-------------------------

Code	Parameter Name	Monitoring Location	Season	# Param. NOD	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis			Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units		
00400 pH	1 - Effluent Gross	0	--											
00530 Solids, total suspended	1 - Effluent Gross	0	--											
00545 Solids, settleable	1 - Effluent Gross	0	--											
01045 Iron, total [as Fe]	1 - Effluent Gross	0	--											
03582 Oil and grease	1 - Effluent Gross	0	--											
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--											
84066 Oil and grease visual	1 - Effluent Gross	0	--											

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

Attachments
No attachments.

Report Last Saved By
Oxbow Mining LLC

User: GHGSMITHXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com

Date/Time: 2018-09-05 15:20 (Time Zone: -06:00)

Report Last Signed By

User: GHGSMITHXBOW
Name: Douglas Smith
E-Mail: doug.smith@oxbow.com

Date/Time: 2018-09-05 15:25 (Time Zone: -06:00)

DMR Copy of Record

Permit	Permittee:	Facility:
Permit #: CO0000132	Oxbow Mining LLC	SANBORN CRK & ELK CRK MINES
Major: No	PO Box 535 Somerset, CO 81434-0535	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	Discharge:	
017 External Outfall	017-A SURF RUNOFF TO N. FK GUNIS RIV	

Report Dates & Status	Status:
Monitoring Period: From 08/01/18 to 08/31/18	NetDMR Validated

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIES FOR <=10YR.24HR PRECIP EVENT;SETTLABLE 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 MONTHLY AVG. DURING PERIOD RPTD

Principal Executive Officer

First Name:	Title:	Telephone:
Mike	President	970-929-5122

Last Name: Ludlow

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	Param. NODI	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
00400	pH	1 - Effluent Gross	0	--															
		1 - Effluent Gross	0	--															
00530	Solids, total suspended	1 - Effluent Gross	0	--															
		1 - Effluent Gross	0	--															
00545	Solids, settleable	1 - Effluent Gross	0	--															
		1 - Effluent Gross	0	--															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--															
		1 - Effluent Gross	0	--															
03582	Oil and grease	1 - Effluent Gross	0	--															
		1 - Effluent Gross	0	--															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--															
		1 - Effluent Gross	0	--															
84066	Oil and grease visual	1 - Effluent Gross	0	--															
		1 - Effluent Gross	0	--															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

User:

Name:

E-Mail:

Date/Time:

User:

Name:

E-Mail:

Date/Time:

User:

Name:

E-Mail:

Date/Time:

User:

Name:

E-Mail:

Date/Time:

User:

Name:

E-Mail:

Date/Time:

DMR Copy of Record

Permit #:	CO0000132	Permittee:	Oxbow Mining LLC	Facility:	SANBORN CRK & ELK CRK MINES
Major:	No	Permittee Address:	PO Box 535 Somerset, CO 81434-0535	Facility Location:	3737 HIGHWAY 133 SOMERSET, CO 81434
Permitted Feature:	019 External Outfall	Discharge:	019-A SURFACE RUNOFF TO HUBBARD CRK		

Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:
	From 08/01/18 to 08/31/18	09/28/18	NetDMR Validated

Considerations for Form Completion
TSS & TOTAL IRON LIMITS WILL BE WAIVED, AND SETTLEABLE SOLIDS LIMIT APPLIED FOR <=1024HR 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 RQIMNTS.TDS MONITORING-SEE PART VIA.2.G OF RATIONALE. 30 DAY AVG IS HIGHEST MONTHLY AVG DURING REPORTING PERIOD.

Principal Executive Officer

First Name:	Mike	Title:	President
Last Name:	Ludlow	Telephone:	970-925-5122

No Data Indicator (NODI)

Form NODI:

Parameter		Monitoring Location Season # Param. NODI				Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis		Sample Type		
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	
00400 pH		1 - Effluent Gross	0	-			>=	6.5 MINIMUM C - No Discharge	<=		9 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	IS - INSTTU
00530 Solids, total suspended		1 - Effluent Gross	0	-				<=	35 30DA AVG C - No Discharge	<=	70 MX 7D AV C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00545 Solids, settleable		1 - Effluent Gross	0	-					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	-				<=	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	-							10 INST MAX C - No Discharge	19 - mg/L	77777 - Contingent	GR - GRAB
50050 Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	-			Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 03 - MGD C - No Discharge				01/30 - Monthly	IN - INSTAN
84066 Oil and grease visual		1 - Effluent Gross	0	-				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 contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Oxbow Mining LLC

User:

Name:

GHGSMITHXBOW

E-Mail:

doug.smith@oxbow.com

Date/Time:

2018-09-05 15:22 (Time Zone: -06:00)

Report Last Signed By

User:

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Date/Time:

2018-09-05 15:25 (Time Zone: -06:00)