



Bowie No. 2 Mine
PO Box 1488
Paonia, CO. 81428
(970)986-6236

December 2, 2019

Mr. Rob Zuber
Department of Natural Resources
Division of Reclamation, Mining and Safety
1313 Sherman Street, Room 215
Denver, CO. 80203

RE: Bowie Resources LLC
Bowie No. 2 Mine
CDPS Permit No. CO 0044776
Discharge Monitoring Reports

Dear Ms. Binns:

Find enclosed completed Discharge Monitoring Reports (DMR's) forms for the month of November 2019. This DMR submittal is for outfalls, 001A, 002A, 003A, 005A, 006A 007A, 008A, 011A, 012A, 013A, 014A, 015A

If you have any questions or concerns regarding this submittal contact me at (970)986-6236.

Sincerely;

Basil R. Bear
Mine Manager

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

001
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Discharge:

001-A
SR/Mine Water to Deer Trail Ditch

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Settleable solids limit applies only if <10YR,24HR precip event is claimed. If claim approved by WQCD, TSS & Iron limits will not be applied to reported measurements - see I.C.1.c for burden of proof requirements. Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

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 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.						>=	6.5 MINIMUM				<=	9 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
					Value NODI							C - No Discharge					C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	35 30DA AVG		<=	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge			C - No Discharge			
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	3000 30DA AVG		<=	6000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge			C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	1.34 30DA AVG			Req Mon DAILY MX 03 - MGD									01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge			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.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:32 (Time Zone: -07:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

002
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

002-A
SR/Deer Trail DTC or Unnamed Tributary

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Settleable solids limit applies only if <10YR,24HR precip event is claimed. If claim approved by WQCD, TSS & Iron limits will not be applied to reported measurements - see I.C.1.c for burden of proof requirements. Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

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 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.						>=	6.5 MINIMUM				<=	9 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
					Value NODI							C - No Discharge					C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.															
					Value NODI															
					Sample															
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	1.13 30DA AVG			Req Mon DAILY MX 03 - MGD									01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge			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.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:33 (Time Zone: -07:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

003
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

003-A
SR/Deer Trail DTC or Unnamed Tributary

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Settleable solids limit applies only if <10YR,24HR precip event is claimed. If claim approved by WQCD, TSS & Iron limits will not be applied to reported measurements - see I.C.1.c for burden of proof requirements. Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Title:

Mine Manager

Telephone:

970-986-6236

Last Name:

Bear

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample	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	--	Sample															
					Permit Req.						>=	6.5 MINIMUM				<=	9 MAXIMUM	12 - SU		
					Value NODI							C - No Discharge					C - No Discharge		01/07 - Weekly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	35 30DA AVG		<=	70 DAILY MX	19 - mg/L		
					Value NODI									C - No Discharge			C - No Discharge		01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	3000 30DA AVG		<=	6000 DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge			C - No Discharge		01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	.16 30DA AVG			Req Mon DAILY MX 03 - MGD										
					Value NODI		C - No Discharge			C - No Discharge									01/07 - Weekly	IN - INSTAN

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

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:34 (Time Zone: -07:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

005
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

005-A
SR/Deer Trail DTC or Unnamed Tributary

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Settleable solids limit applies only if <10yr,24 HR precip event is claimed. If claim approved by WQCD, TSS & Iron limits will not be applied to reported measurements - see I.C.1.c for burden of proof requirements. Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

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 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
					Permit Req.							C - No Discharge							
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														
					Permit Req.						<=	35 30DA AVG		<=	70 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI							C - No Discharge			C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														
					Permit Req.						<=	3000 30DA AVG		<=	6000 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB	
					Value NODI							C - No Discharge			C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample														
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge							
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					Permit Req.	<=	1.14 30DA AVG		Req Mon DAILY MX 03 - MGD									01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge		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.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:38 (Time Zone: -07:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:52 (Time Zone: -07:00)

Permit					
Permit #:	CO0044776	Permittee:	Bowie Resources LLC	Facility:	BOWIE NO. 2 MINE
Major:	No	Permittee Address:	225 N 5 St Ste 900 Grand Junction, CO 81501	Facility Location:	5 MI NE OF TOWN ON CO HWY 133 DELTA COUNTY, CO 81428
Permitted Feature:	006 External Outfall	Discharge:	006-A Mine Water Discharge to North Fork of Gunnison River		
Report Dates & Status					
Monitoring Period:	From 11/01/19 to 11/30/19	DMR Due Date:	12/28/19	Status:	NetDMR Validated
Considerations for Form Completion					
Oil & grease - I.C.1.a, pg 5. SAR - report calculated at MLOC=EG :adjusted value @ MLOC=P.					
Principal Executive Officer					
First Name:	Basil	Title:	Mine Manager	Telephone:	970-986-6236
Last Name:	Bear				
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 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			7B - dS/m		02/30 - Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						>=	6.5 MINIMUM C - No Discharge		<=	9 MAXIMUM C - No Discharge	12 - SU		01/07 - Weekly	GR - GRAB
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	35 30DA AVG C - No Discharge	<=	70 DAILY MX C - No Discharge	19 - mg/L		01/30 - Monthly	GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio		02/30 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio		02/30 - Twice Per Month	GR - GRAB
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	5 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	3000 30DA AVG C - No Discharge	<=	6000 DAILY MX C - No Discharge	28 - ug/L		01/30 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	3297 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon DAILY MX C - No Discharge	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L		02/30 - Twice Per Month	GR - GRAB

01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														Req Mon 30DA AVG C - No Discharge			28 - ug/L			02/30 - Twice Per Month	GR - GRAB				
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX C - No Discharge	28 - ug/L			02/30 - Twice Per Month	GR - GRAB			
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX C - No Discharge	28 - ug/L			02/30 - Twice Per Month	GR - GRAB			
01322	Nickel, potentially dissolvd	P - See Comments	0	--	Sample Permit Req. Value NODI														Req Mon ROLL AVG C - No Discharge				28 - ug/L			02/30 - Twice Per Month	GR - GRAB			
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI															<=		10 DAILY MX C - No Discharge	19 - mg/L			7/7/7 - Contingent	GR - GRAB			
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI																	Req Mon DAILY MX C - No Discharge	28 - ug/L			02/30 - Twice Per Month	GR - GRAB			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	1.44	30DA AVG C - No Discharge											Req Mon DAILY MX C - No Discharge	03 - MGD						01/07 - Weekly	IN - INSTAN			
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														<=	.12	30DA AVG C - No Discharge				28 - ug/L			02/30 - Twice Per Month	GR - GRAB	
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI																	Req Mon 30DA AVG C - No Discharge				19 - mg/L			02/30 - Twice Per Month	GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI																	Req Mon 30DA AVG C - No Discharge				19 - mg/L			02/30 - Twice Per Month	GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI																	Req Mon 30DA AVG C - No Discharge				19 - mg/L			02/30 - Twice Per Month	GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI																	Req Mon DAILY MX AB - abst=0;prst=1 C - No Discharge						01/07 - Weekly	VI - VISUAL	

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

007
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

007-A
Discharge or SR to Gunnison River

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Settleable solids limit applies only if <10YR,24HR precip event is claimed. If claim approved by WQCD, TSS & Iron limits will not be applied to reported measurements - see I.C.1.c for burden of proof requirements. Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

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 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
					Permit Req.							C - No Discharge							
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.						<=	35 30DA AVG		<=	70 DAILY MX	19 - mg/L			
					Value NODI							C - No Discharge			C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.						<=	3000 30DA AVG		<=	6000 DAILY MX	28 - ug/L			
					Value NODI							C - No Discharge			C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L		
					Value NODI							C - No Discharge							
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample													01/07 - Weekly	IN - INSTAN
					Permit Req.	<=	.87 30DA AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI		C - No Discharge		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.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User: BBEAR35680

Name: Basil Bear

E-Mail: basilbear@wolverinefuels.com

Date/Time: 2019-12-02 09:40 (Time Zone: -07:00)

Report Last Signed By

User: BBEAR35680

Name: Basil Bear

E-Mail: basilbear@wolverinefuels.com

Date/Time: 2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

008
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

008-A
Discharge of SR to Gunnison River

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Settleable solids limit applies only if <10YR,24HR precip event is claimed. If claim approved by WQCD, TSS & Iron limits will not be applied to reported measurements - see I.C.1.c for burden of proof requirements. Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

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 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
					Permit Req.							C - No Discharge							
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.						<=	35 30DA AVG		<=	70 DAILY MX	19 - mg/L			
					Value NODI							C - No Discharge			C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.						<=	3000 30DA AVG		<=	6000 DAILY MX	28 - ug/L			
					Value NODI							C - No Discharge			C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L		
					Value NODI							C - No Discharge							
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	<=	.16 30DA AVG		Req Mon DAILY MX	03 - MGD								01/07 - Weekly	IN - INSTAN
					Permit Req.														
					Value NODI		C - No Discharge		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.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:40 (Time Zone: -07:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

011
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

011-A
SR to Deer Trail Ditch

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					Units	# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI															
					Sample															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI															
					Sample															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI															
					Sample															
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI															
					Sample															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.	<=	.16 30DA AVG		Req Mon DAILY MX	03 - MGD									01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge		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.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User: BBEAR35680

Name: Basil Bear

E-Mail: basilbear@wolverinefuels.com

Date/Time: 2019-12-02 09:42 (Time Zone: -07:00)

Report Last Signed By

Bowie Resources LLC

User: BBEAR35680

Name: Basil Bear

E-Mail: basilbear@wolverinefuels.com

Date/Time: 2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

012
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

012-A
SR to Deer Trail Ditch

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

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 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							C - No Discharge							
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.						<=	35 30DA AVG		<=	70 DAILY MX	19 - mg/L			
					Value NODI							C - No Discharge			C - No Discharge				
					Sample														
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Permit Req.						<=	3000 30DA AVG		<=	6000 DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge			C - No Discharge				
					Sample														
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Permit Req.													02/30 - Twice Per Month	GR - GRAB
					Value NODI							Req Mon 30DA AVG					28 - ug/L		
					Sample							C - No Discharge							
					Permit Req.	<=	.08 30DA AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI		C - No Discharge		C - No Discharge									01/07 - Weekly	IN - INSTAN

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

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:43 (Time Zone: -07:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

013
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Discharge:

013-A
SR to North Fork of Gunnison River

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

No Data Indicator (NODI)

Form 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

No attachments.

Report Last Saved By

Bowie Resources LLC

User: BBEAR35680

Name: Basil Bear

E-Mail: basilbear@wolverinefuels.com

Date/Time: 2019-12-02 09:43 (Time Zone: -07:00)

Report Last Signed By

User: BBEAR35680

Name: Basil Bear

E-Mail: basilbear@wolverinefuels.com

Date/Time: 2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

014
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

014-A
SR to North Fork of Gunnison River Ditch

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

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 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							C - No Discharge							
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.						<=	35 30DA AVG		<=	70 DAILY MX	19 - mg/L			
					Value NODI							C - No Discharge			C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.						<=	3000 30DA AVG		<=	6000 DAILY MX	28 - ug/L			
					Value NODI							C - No Discharge			C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample													02/30 - Twice Per Month	GR - GRAB
					Permit Req.														
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					Permit Req.	<=	.08 30DA AVG		Req Mon DAILY MX	03 - MGD								01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge		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.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User: BBEAR35680

Name: Basil Bear

E-Mail: basilbear@wolverinefuels.com

Date/Time: 2019-12-02 09:44 (Time Zone: -07:00)

Report Last Signed By

Bowie Resources LLC

User: BBEAR35680

Name: Basil Bear

E-Mail: basilbear@wolverinefuels.com

Date/Time: 2019-12-02 09:52 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permitted Feature:

015
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

225 N 5 St Ste 900
Grand Junction, CO 81501

Facility:

BOWIE NO. 2 MINE

Facility Location:

5 MI NE OF TOWN ON CO HWY 133
DELTA COUNTY, CO 81428

Discharge:

015-A
SR to North Fork of Gunnison River Ditch

Report Dates & Status

Monitoring Period:

From 11/01/19 to 11/30/19

DMR Due Date:

12/28/19

Status:

NetDMR Validated

Considerations for Form Completion

Oil & grease - I.C.1.a, pg 5.

Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

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	--	Sample						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Permit Req.							C - No Discharge								
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.						<=	35 30DA AVG		<=	70 DAILY MX	19 - mg/L				
					Value NODI							C - No Discharge			C - No Discharge					
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.						<=	3000 30DA AVG		<=	6000 DAILY MX	28 - ug/L				
					Value NODI							C - No Discharge			C - No Discharge					
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI															
					Sample															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.	<=	.09 30DA AVG		Req Mon DAILY MX	03 - MGD									01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge		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.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:45 (Time Zone: -07:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-12-02 09:52 (Time Zone: -07:00)