



Bowie No. 1 Mine
PO Box 1488
Paonia, CO. 81428
(970)986-6236

October 5, 2020

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. 1 Mine
CDPS Permit No. CO CO49045
Discharge Monitoring Reports

Dear Mr. Zuber:

Find enclosed completed Discharge Monitoring Reports (DMR's) forms for the month of September 2020. This DMR submittal is for outfalls, 003-A, 004-A, 005-A, 006-A and 007-A. 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 #:

CO0049045

Major:

No

Permitted Feature:

003
External Outfall

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Discharge:

003-A
SR/Former Coal Storage Area

Facility:

BOWIE 2 MINE

Facility Location:

1720 4010 DRIVE
PAONIA, CO 81428

Report Dates & Status

Monitoring Period:

From 09/01/20 to 09/30/20

DMR Due Date:

10/28/20

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.b 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:

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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	Units			
00400	pH	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 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.								<=	300.0 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						

01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA ARI		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample													Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI													C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																		
					Permit Req.	<=	0.011 30DA AVG		Req Mon DAILY MX	03 - MGD												01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge														
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
81020	Sulfate	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
82057	Boron, total	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											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:

2020-10-05 07:48 (Time Zone: -06:00)

Report Last Signed By

User:

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Name:

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basilbear@wolverinefuels.com

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CO0049045

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No

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Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE 2 MINE

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1720 4010 DRIVE
PAONIA, CO 81428

Permitted Feature:

004
External Outfall

Discharge:

004-A
SR/Former Coal Loadout and Storage Area

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Principal Executive Officer

First Name:

Basil

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

No Data Indicator (NODI)

Form NODI:

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Code	Name					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														02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 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.								<=	300.0 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						

01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA ARI		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample													Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI													C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																		
					Permit Req.	<=	0.004 30DA AVG		Req Mon DAILY MX	03 - MGD												01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge														
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
81020	Sulfate	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
82057	Boron, total	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											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:

2020-10-05 07:48 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2020-10-05 08:00 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0049045	Permittee:	Bowie Resources LLC	Facility:	BOWIE 2 MINE
Major:	No	Permittee Address:	PO Box 1488 Paconia, CO 81428	Facility Location:	1720 4010 DRIVE PACONIA, CO 81428
Permitted Feature:	005 External Outfall	Discharge:	003-A Surface Runoff from Reclaimed West Mine		
Report Dates & Status		DMR Due Date:	10/28/20	Status:	NetDMR Validated
Monitoring Period:	From 09/01/20 to 09/30/20	Title:	Mine Manager	Telephone:	970-986-6236
Considerations for Form Completion Settleable solids limit applies only if <10YR 24HR precip event is claimed. If claim approved by WCOD, TSS & Iron limits will not be applied to reported measurements - see I.C.1.b for burden of proof requirements. Oil & grease - I.C.1.a, pg 5.					
Principal Executive Officer					
First Name:	Basil				
Last Name:	Bear				
No Data Indicator (NODI)					
Form NODI:					

Form NODI:		Monitoring Location, Season # Param. NODI				Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis Sample Type						
Code	Parameter Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample											
					Permit Req.											
					Value NODI											

01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.011 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	01/07 - Weekly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge	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	Req Mon DAILY MX 19 - mg/L C - No Discharge	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	Req Mon DAILY MX 19 - mg/L C - No Discharge	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	Req Mon DAILY MX 19 - mg/L C - No Discharge	02/30 - Twice Per Month GR - GRAB

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

BBEAR35680

Basil Bear

basilbear@wolverinefuels.com

2020-10-05 07:48 (Time Zone: -06:00)

BBEAR35680

Basil Bear

basilbear@wolverinefuels.com

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CO0049045

Major:

No

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Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE 2 MINE

Facility Location:

1720 4010 DRIVE
PAONIA, CO 81428

Permitted Feature:

006
External Outfall

Discharge:

006-A
SR/Cut and Fill Slopes of Rail Spur/Train Loadout

Report Dates & Status

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From 09/01/20 to 09/30/20

DMR Due Date:

10/28/20

Status:

NetDMR Validated

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Principal Executive Officer

First Name:

Basil

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Bear

Title:

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970-986-6236

No Data Indicator (NODI)

Form NODI:

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					Permit Req.									Req Mon 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 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.								<=	300.0 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						

01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI											C - No Discharge		C - No Discharge				
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA ARI		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI											C - No Discharge		C - No Discharge				
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI											C - No Discharge		C - No Discharge				
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI											C - No Discharge		C - No Discharge				
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample													Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI													C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																	
					Permit Req.	<=	0.005 30DA AVG		Req Mon DAILY MX	03 - MGD											01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge													
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI											C - No Discharge						
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI											C - No Discharge						
81020	Sulfate	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI											C - No Discharge						
82057	Boron, total	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																	
					Value NODI											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:

2020-10-05 07:49 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2020-10-05 08:00 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0049045

Major:

No

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE 2 MINE

Facility Location:

1720 4010 DRIVE
PAONIA, CO 81428

Permitted Feature:

007
External Outfall

Discharge:

007-A
SR/Cut and Fill Slopes of Rail Spur/Train Loadout

Report Dates & Status

Monitoring Period:

From 09/01/20 to 09/30/20

DMR Due Date:

10/28/20

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.b 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:

--

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	Units			
00400	pH	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 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.								<=	300.0 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						

01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA ARI		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge		C - No Discharge					
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample													Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI													C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																		
					Permit Req.	<=	0.001 30DA AVG		Req Mon DAILY MX	03 - MGD												01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge														
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
81020	Sulfate	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											C - No Discharge							
82057	Boron, total	1 - Effluent Gross	0	--	Sample											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI											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:

2020-10-05 07:49 (Time Zone: -06:00)

Report Last Signed By

User:

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Name:

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basilbear@wolverinefuels.com

Date/Time:

2020-10-05 08:00 (Time Zone: -06:00)