



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

September 14, 2021

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 Mr. Zuber:

Find enclosed completed Discharge Monitoring Reports (DMR's) forms for the month of August 2021. 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

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE NO. 2 MINE

Facility Location:

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

Permitted Feature:

001
External Outfall

Discharge:

001-A
SR/Mine Water to Deer Trail Ditch

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

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:

--

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														01/07 - Weekly	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														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 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.								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	IN - INSTAN
					Permit Req.	<=	1.34 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:

2021-09-14 10:23 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2021-09-14 10:29 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE NO. 2 MINE

Facility Location:

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

Permitted Feature:

002
External Outfall

Discharge:

002-A
SR/Deer Trail DTC or Unnamed Tributary

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

Status:

NetDMR Validated

Considerations for Form Completion

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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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Paonia, CO 81428

Facility:

BOWIE NO. 2 MINE

Facility Location:

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

Permitted Feature:

003
External Outfall

Discharge:

003-A
SR/Deer Trail DTC or Unnamed Tributary

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

Status:

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Considerations for Form Completion

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00400	pH	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	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														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 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.								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	IN - INSTAN
					Permit Req.	<=	0.16 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											

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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:

2021-09-14 10:24 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2021-09-14 10:29 (Time Zone: -06:00)

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Permit

Permit #:

CO0044776

Major:

No

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE NO. 2 MINE

Facility Location:

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

Permitted Feature:

005
External Outfall

Discharge:

005-A
SR/Deer Trail DTC or Unnamed Tributary

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

Status:

NetDMR Validated

Considerations for Form Completion

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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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Attachments

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Bowie Resources LLC

User:

BBEAR35680

Name:

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E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2021-09-14 10:24 (Time Zone: -06:00)

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BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2021-09-14 10:29 (Time Zone: -06:00)

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Permit #:

CO0044776

Major:

No

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE NO. 2 MINE

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 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

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

Last Name:

Bear

Title:

Mine Manager

Telephone:

970-986-6236

No Data Indicator (NODI)

Form NODI: --

01074	Nickel, total recoverable	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					
01114	Lead, 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				
01118	Chromium, total recoverable	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			
01314	Chromium, trivalent, potentially dissolvd	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					
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			
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			
01322	Nickel, potentially dissolvd	P - See Comments	0	--	Sample												Req Mon ROLL AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.																		
					Value NODI													C - No Discharge					
03582	Oil and grease	1 - Effluent Gross	0	--	Sample													<=	10.0 DAILY MX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Permit Req.																		
					Value NODI														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																	01/07 - Weekly	IN - INSTAN
					Permit Req.	<=	1.44 30DA AVG		Req Mon DAILY MX	03 - MGD													
					Value NODI		C - No Discharge		C - No Discharge														
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample												<=	0.12 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					
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample																	01/07 - Weekly	VI - VISUAL
					Permit Req.					Req Mon DAILY MX	AB - abst=0;prst=1												
					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:	2021-09-14 10:25 (Time Zone: -06:00)
<i>Report Last Signed By</i>	
User:	BBEAR35680
Name:	Basil Bear
E-Mail:	basilbear@wolverinefuels.com
Date/Time:	2021-09-14 10:29 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE NO. 2 MINE

Facility Location:

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

Permitted Feature:

007
External Outfall

Discharge:

007-A
Discharge or SR to Gunnison River

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

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:

--

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

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User:

BBEAR35680

Name:

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E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2021-09-14 10:25 (Time Zone: -06:00)

Report Last Signed By

User:

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Name:

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basilbear@wolverinefuels.com

Date/Time:

2021-09-14 10:29 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE NO. 2 MINE

Facility Location:

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

Permitted Feature:

008
External Outfall

Discharge:

008-A
Discharge of SR to Gunnison River

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

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:

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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														01/07 - Weekly	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														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 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.								<=	3000.0 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														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.	<=	0.16 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

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basilbear@wolverinefuels.com

Date/Time:

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Facility:

BOWIE NO. 2 MINE

Facility Location:

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

Permitted Feature:

011
External Outfall

Discharge:

011-A
SR to Deer Trail Ditch

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

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

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DELTA COUNTY, CO 81428

Permitted Feature:

012
External Outfall

Discharge:

012-A
SR to Deer Trail Ditch

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Facility Location:

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

Permitted Feature:

013
External Outfall

Discharge:

013-A
SR to North Fork of Gunnison River

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

Status:

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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:

2021-09-14 10:27 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2021-09-14 10:29 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

Permittee:

Bowie Resources LLC

Permittee Address:

PO Box 1488
Paonia, CO 81428

Facility:

BOWIE NO. 2 MINE

Facility Location:

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

Permitted Feature:

014
External Outfall

Discharge:

014-A
SR to North Fork of Gunnison River Ditch

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

DMR Due Date:

09/28/21

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:

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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				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	3000.0 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.									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.	<=	0.08 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											

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Attachments

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Report Last Saved By

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2021-09-14 10:28 (Time Zone: -06:00)

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

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Last Name:

Bear

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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				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	3000.0 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.									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.	<=	0.09 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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basilbear@wolverinefuels.com

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