
J. E. STOVER & ASSOCIATES, INC.

2352 NORTH 7TH STREET, UNIT B
GRAND JUNCTION, COLORADO 81501
PHONE: (970) 245-4101, FAX: (970) 242-7908

MINE ENGINEERING
MINE RECLAMATION

CIVIL ENGINEERING
CONST. MANAGEMENT

April 2, 2019

Janet Binns
Division of Reclamation, Mining & Safety
1313 Sherman Street, Room 215
Denver, CO 80203

Re: Bowie Resources, LLC
 Bowie No. 2 Mine
 CDPS Permit No. CO 0044776

Dear Ms. Binns:

On behalf of Bowie Resources LLC, enclosed are discharge monitoring reports for CDPS Permit No. CO 0044776. The reports are for November 2018. DMRs are provided for outfalls, 001A, 002A, 003A, 004A, 005A, 006A, 006X, 007A, 008A, 009A, 010A, MN06 and MN10.

Sincerely,

J. E. Stover

J. E. Stover, P.E.
Consulting Engineer

Enclosures

cc: Mine Records

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

001
External Outfall

Discharge:

001-A
SR/MINE WTR TO DEER TRAIL DTCH

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

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.A.3, PG 4-5 FOR BURDEN OF PROOFREQUIREMENTS. OIL & GREASE-I.B.1,3, PG 9. QRTRLY SAMPLING INSTRUCTIONS-I.C.10, PG. 10.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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:

2019-04-02 08:28 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

002
External Outfall

Discharge:

002-A
SR;DEER TRL DTC OR UNMD TRIB

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

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Principal Executive Officer

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Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

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Edit Check Errors

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Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-04-01 14:56 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

003
External Outfall

Discharge:

003-A
SR;DEER TRL DTC OR UNMD TRIB

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

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Edit Check Errors

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Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-04-01 14:57 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

004
External Outfall

Discharge:

004-A
WWTF TO DEER TRAIL DITCH

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

OIL & GREASE - I.B.1.E, PG. 9. QRTRLY SAMPLING INSTRUCTIONS - I.C.10, PG. 10.

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Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

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Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC	
User:	BBEAR35680
Name:	Basil Bear
E-Mail:	basilbear@wolverinefuels.com
Date/Time:	2019-04-01 14:57 (Time Zone: -06:00)
Report Last Signed By	
User:	BBEAR35680
Name:	Basil Bear
E-Mail:	basilbear@wolverinefuels.com
Date/Time:	2019-04-02 08:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

005
External Outfall

Discharge:

005-A
SR;DEER TRL DTC OR UNMD TRIB

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

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Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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						=	8.8			=	8	12 - SU	0	01/07 - Weekly	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9 MAXIMUM	12 - SU		01/07 - Weekly	IS - INSITU
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	11	=	11	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35 30DA AVG	<=	70 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								=	0	=	0	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample								=	160	=	160	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	3000 30DA AVG	<=	6000 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample										=	0	19 - mg/L	0	77/77 - Contingent	GR - GRAB
					Permit Req.										<=	10 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0459	=	0.1987	03 - MGD								0	01/07 - Weekly	IN - INSTAN
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD									01/07 - Weekly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	1540	=	1540	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTTR AVG		Req Mon QRTTR MAX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0	9P - N=0;Y=1								0	01/07 - Weekly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									01/07 - Weekly	VI - VISUAL
					Value NODI															

Submission Note

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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:

2019-04-02 08:29 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

006
External Outfall

Discharge:

006-A
UNNAMED TRIB TO N. FRK GUNNISON RVR

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

OIL & GREASE - I.B.1.E, PG. 9. QRTRLY SAMPLING INSTRUCTIONS - I.C.10, PG. 10.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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:

2019-04-01 15:04 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-04-02 08:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

006
External Outfall

Discharge:

006-X
CHRONIC WET TESTING FOR 006A

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

SEE PART I.A.6 FOR DETAILS OF TESTPROCEDURE. RPT RESULTS OF LETHALITY DERIVS AS "%EFFECT", GROWTH ANDREPROD DERIVS AS "TOXICITY". RPT LOWEST % EFFL AT WHICH STATISTICALLY SIGNIF DIFF BTWN TEST & CONTROLWAS OBSERVED USING "S". RPT IC25 USING "P". IWC=100%. ATTACH TOX RPT FORM TO DMR.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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			
61426	Toxicity [chronic], Ceriodaphnia dubia	P - See Comments	0	--	Sample														01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MO AV MN					2G - tox chronic				
					Value NODI						C - No Discharge									
61426	Toxicity [chronic], Ceriodaphnia dubia	S - See Comments	0	--	Sample														01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MO AV MN					2G - tox chronic				
					Value NODI						C - No Discharge									
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	P - See Comments	0	--	Sample														01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MO AV MN					2G - tox chronic				
					Value NODI						C - No Discharge									
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	S - See Comments	0	--	Sample														01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MO AV MN					2G - tox chronic				
					Value NODI						C - No Discharge									
TCP3B	%Effect Static Renewal 7 Day Chronic Ceriodaphnia dubia	P - See Comments	0	--	Sample														01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MO AV MN					23 - %				
					Value NODI						C - No Discharge									
TCP3B	%Effect Static Renewal 7 Day Chronic Ceriodaphnia dubia	S - See Comments	0	--	Sample														01/90 - Quarterly	03 - COMP-3
					Permit Req.					>=	100 MN VALUE					23 - %				
					Value NODI						C - No Discharge									
TCP6C	%Effect Statre 7Day Chronic Pimephales	P - See Comments	0	--	Sample														01/90 - Quarterly	03 - COMP-3
					Permit Req.						Req Mon MO AV MN					23 - %				
					Value NODI						C - No Discharge									
TCP6C	%Effect Statre 7Day Chronic Pimephales	S - See Comments	0	--	Sample														01/90 - Quarterly	03 - COMP-3
					Permit Req.					>=	100 MN VALUE					23 - %				
					Value NODI						C - No Discharge									

Submission Note

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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:

2019-04-01 15:04 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

007
External Outfall

Discharge:

007-A
DSCHG OF SR TO GUNNISON RIVER

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

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.A.3, PP 4-5 FOR BURDEN OF PROOFREQUIREMENTS. OIL & GREASE-I.B.1.E, PG. 9. QTRTLY SAMPLING INSTRUCTIONS-I.C.10, PG. 10.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

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Comments

Attachments

No attachments.

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User:

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Name:

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E-Mail:

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Date/Time:

2019-04-01 15:04 (Time Zone: -06:00)

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Major:

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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

Permitted Feature:

008
External Outfall

Discharge:

008-A
DSCGH OF SR TO GUNNISON RIVER

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

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Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9 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 30DA AVG	<=	70 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	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				
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														77/77 - Contingent	GR - GRAB
					Permit Req.										<=	10 INST MAX	19 - mg/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.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTTR AVG		Req Mon QRTTR MAX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1										
					Value NODI				C - No Discharge											

Submission Note

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Comments

Attachments

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User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-04-01 15:04 (Time Zone: -06:00)

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User:

BBEAR35680

Name:

Basil Bear

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CO0044776

Major:

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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:

009
External Outfall

Discharge:

009-A
SR DSCH/UNNMD TRIB/HUBBARD CRK

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

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Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9 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 30DA AVG	<=	70 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	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				
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														77/77 - Contingent	GR - GRAB
					Permit Req.										<=	10 INST MAX	19 - mg/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.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QTRTR AVG		Opt Mon QTRTR MAX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=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:

2019-04-01 15:04 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

010
External Outfall

Discharge:

010-A
MW TO UNNMD TRIB/HUBBARD CREEK

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

OIL & GREASE - I.B.1.E, PG. 9. QTRTRY SAMPLING INSTRUCTIONS - I.C.10, PG. 10.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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	IS - INSITU
					Permit Req.						>=	6.5 MINIMUM			<=	9 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 30DA AVG	<=	70 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	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				
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														77/77 - Contingent	GR - GRAB
					Permit Req.										<=	10 INST MAX	19 - mg/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.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTTR AVG		Opt Mon QRTTR MAX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=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:

2019-04-01 15:05 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

E-Mail:

basilbear@wolverinefuels.com

Date/Time:

2019-04-02 08:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

010
External Outfall

Discharge:

010-X
CHRONIC WET TESTING FOR 010A

Report Dates & Status

Monitoring Period:

From 01/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

SEE PART I.A.6 FOR DETAILS OF TESTPROCEDURE. RPT RESULTS OF LETHALITY DERIVS AS "%EFFECT", GROWTH ANDREPROD DERIVS AS "TOXICITY". RPT LOWEST % EFFL AT WHICH STATISTICALLY SIGNIF DIFF BTWN TEST & CONTROLWAS OBSERVED USING "S". RPT IC25 USING "P". IWC=100%. ATTACH TOX RPT FORM TO DMR.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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:

2019-04-01 15:05 (Time Zone: -06:00)

Report Last Signed By

User:

BBEAR35680

Name:

Basil Bear

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

MN0
External Outfall

Discharge:

MN0-6
MINE DRAINAGE TO GUNNISON RVR

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

ONCE 12 MONTHLY SAMPLES HAVE BEEN COLLECTED THE PERMITTEE IS REQUIREDTO SUBMIT A REQUEST FOR AREASONABLE POTENTIAL ANALYSIS.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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:	2019-04-01 15:05 (Time Zone: -06:00)
Report Last Signed By	
User:	BBEAR35680
Name:	Basil Bear
E-Mail:	basilbear@wolverinefuels.com
Date/Time:	2019-04-02 08:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0044776

Major:

No

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

Permitted Feature:

MN1
External Outfall

Discharge:

MN1-0
MW TO UNNBD TRIB TO HUBBARD CR

Report Dates & Status

Monitoring Period:

From 03/01/19 to 03/31/19

DMR Due Date:

04/28/19

Status:

NetDMR Validated

Considerations for Form Completion

ONCE 12 MONTHLY SAMPLES HAVE BEEN COLLECTED THE PERMITTEE IS REQUIREDTO SUBMIT A REQUEST FOR AREASONABLE POTENTIAL ANALYSIS.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

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: 2019-04-01 15:05 (Time Zone: -06:00)

Report Last Signed By

User: BBEAR35680
Name: Basil Bear
E-Mail: basilbear@wolverinefuels.com
Date/Time: 2019-04-02 08:33 (Time Zone: -06:00)