
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

November 6, 2016

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 October 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 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

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. QTRRLY 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:

BBEARJRU

Name:

William Bear

E-Mail:

bbear@bowieresources.com

Date/Time:

2018-11-06 07:31 (Time Zone: -07:00)

Report Last Signed By

User:

BBEARJRU

Name:

William Bear

E-Mail:

bbear@bowieresources.com

Date/Time:

2018-11-06 07:34 (Time Zone: -07:00)

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CO0044776

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Permittee:

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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 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

Status:

NetDMR Validated

Considerations for Form Completion

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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

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11/28/18

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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 10/01/18 to 10/31/18

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11/28/18

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Considerations for Form Completion

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

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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 10/01/18 to 10/31/18

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11/28/18

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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 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

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: --

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											
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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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEARJRU

Name:

William Bear

E-Mail:

bbear@bowieresources.com

Date/Time:

2018-11-06 07:32 (Time Zone: -07:00)

Report Last Signed By

User:

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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 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

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: --

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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 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

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. QTRTRY 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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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Bowie Resources LLC

User:

BBEARJRU

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William Bear

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Date/Time:

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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 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

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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											
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											

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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 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

Status:

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Form NODI:

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00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
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					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											
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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 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

Status:

NetDMR Validated

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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: --

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													
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:

BBEARJRU

Name:

William Bear

E-Mail:

bbear@bowieresources.com

Date/Time:

2018-11-06 07:33 (Time Zone: -07:00)

Report Last Signed By

User:

BBEARJRU

Name:

William Bear

E-Mail:

bbear@bowieresources.com

Date/Time:

2018-11-06 07:34 (Time Zone: -07:00)

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:

MN0
External Outfall

Discharge:

MN0-6
MINE DRAINAGE TO GUNNISON RVR

Report Dates & Status

Monitoring Period:

From 10/01/18 to 10/31/18

DMR Due Date:

11/28/18

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:

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CO0044776

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Grand Junction, CO 81501

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DELTA COUNTY, CO 81428

Permitted Feature:

MN1
External Outfall

Discharge:

MN1-0
MW TO UNNBD TRIB TO HUBBARD CR

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11/28/18

Status:

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Report Last Saved By