

DMR Copy of Record

Permit

Permit #:

CO0034142

Major:

No

Permittee:

Moffat County Mining LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

WILLIAMS FORK MINE

Facility Location:

1030 CR 107
CRAIG, CO 81626

Permitted Feature:

FLOW
External Outfall

Discharge:

FLOW-A
Total Flow

Report Dates & Status

Monitoring Period:

From 10/01/20 to 12/31/20

DMR Due Date:

01/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Report total flow from 003A, 022A and 024A.

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

Moffat County Mining LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2021-01-26 08:50 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2021-01-27 12:37 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0034142

Major:

No

Permittee:

Moffat County Mining LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

WILLIAMS FORK MINE

Facility Location:

1030 CR 107
CRAIG, CO 81626

Permitted Feature:

022
External Outfall

Discharge:

022-X
Chronic WET Testing at 022A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 12/31/20

DMR Due Date:

01/28/21

Status:

NetDMR Validated

Considerations for Form Completion

SEE I.B.3, FOR DETAILS OF TEST PROCEDURE. RPT RESULTS OF LETHALITY DERIVS AS "% EFFECT", GROWTH&REPRODDERIVS AS "TOXICITY". RPT LOWEST % EFFL AT WHICH STATISTICALLY DIGNIF DIFF WAS OBSERVED USING CODE "S".RPT IC25 USING CODE "P". IWC=18%. ATTACH TOX REPORT 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

Name	Type	Size
2003_1SPMay2020CDPHE_FH.pdf	pdf	109091.0
2003_1SPMay2020CDPHE_CD.pdf	pdf	113994.0

Report Last Saved By

Moffat County Mining LLC

User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2021-01-28 20:55 (Time Zone: -07:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2021-01-28 20:56 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0034142

Major:

No

Permittee:

Moffat County Mining LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

WILLIAMS FORK MINE

Facility Location:

1030 CR 107
CRAIG, CO 81626

Permitted Feature:

022
External Outfall

Discharge:

022-A
Spoils Springs to Channel Prior to Discharge to Williams Fork River

Report Dates & Status

Monitoring Period:

From 10/01/20 to 12/31/20

DMR Due Date:

01/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Oil and grease sample required if visible sheen is observed. Qtrly sampling instructions - I.C.12, pg 11.

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			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample										Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.															
					Value NODI										C - No Discharge		C - No Discharge			
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				
00745	Sulfide, total [as S]	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/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			
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon 30DA AVG			28 - ug/L		
					Value NODI										C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI										C - No Discharge		C - No Discharge			
01304	Silver, potentially dissolved	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	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														01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI										C - No Discharge		C - No Discharge			
01309	Arsenic, potentially dissolved	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI										C - No Discharge		C - No Discharge			
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI										C - No Discharge		C - No Discharge			

01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														
					Permit Req.										<=	10.0 INST MAX	19 - mg/L		
					Value NODI											C - No Discharge			
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon DAILY MX	28 - ug/L		
					Value NODI											C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					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														
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		
					Value NODI									C - No Discharge		C - No Discharge			
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample														
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		
					Value NODI									C - No Discharge					
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														
					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

Moffat County Mining LLC

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2021-01-26 08:49 (Time Zone: -07:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2021-01-27 12:37 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0034142

Major:

No

Permittee:

Moffat County Mining LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

WILLIAMS FORK MINE

Facility Location:

1030 CR 107
CRAIG, CO 81626

Permitted Feature:

003
External Outfall

Discharge:

003-X
Chronic WET Testing at 003A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 12/31/20

DMR Due Date:

01/28/21

Status:

NetDMR Validated

Considerations for Form Completion

SEE I.B.3, FOR DETAILS OF TEST PROCEDURE. RPT RESULTS OF LETHALITY DERIVS AS "% EFFECT", GROWTH&REPRODDERIVS AS "TOXICITY". RPT LOWEST % EFFL AT WHICH STATISTICALLY SIGNIF DIFF WAS OBSERVED USING CODE "S".RPT IC25 USING CODE "P". IWC=18%. ATTACH TOX REPORT FORM TO DMR.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Moffat County Mining LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:	2021-01-26 08:50 (Time Zone: -07:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2021-01-27 12:37 (Time Zone: -07:00)

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CO0034142

Major:

No

Permittee:

Moffat County Mining LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

WILLIAMS FORK MINE

Facility Location:

1030 CR 107
CRAIG, CO 81626

Permitted Feature:

024
External Outfall

Discharge:

024-A
Mine Dewatering to Sedimentation Basin Prior to Discharge to Williams Fork River

Report Dates & Status

Monitoring Period:

From 10/01/20 to 12/31/20

DMR Due Date:

01/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Oil and grease sample required if visible sheen is observed. Qtrly sampling instructions - I.C.12, pg 11.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	
					Value NODI										C - No Discharge		C - No Discharge		
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	
					Value NODI										C - No Discharge		C - No Discharge		
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	
					Value NODI										C - No Discharge		C - No Discharge		
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														
					Permit Req.											<=	10.0 INST MAX	19 - mg/L	
					Value NODI												C - No Discharge		
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample														
					Permit Req.												Req Mon DAILY MX	28 - ug/L	
					Value NODI												C - No Discharge		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					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														
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	
					Value NODI										C - No Discharge		C - No Discharge		
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample														
					Permit Req.										Req Mon 30DA AVG			28 - ug/L	
					Value NODI										C - No Discharge				
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														
					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

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Report Last Saved By

Moffat County Mining LLC

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2021-01-26 08:48 (Time Zone: -07:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

E-Mail: mblomquist@peabodyenergy.com

Date/Time: 2021-01-27 12:37 (Time Zone: -07:00)

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Permit

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CO0034142

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Moffat County Mining LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

WILLIAMS FORK MINE

Facility Location:

1030 CR 107
CRAIG, CO 81626

Permitted Feature:

003
External Outfall

Discharge:

003-A
No. 6 Mine to Williams Fork River

Report Dates & Status

Monitoring Period:

From 10/01/20 to 12/31/20

DMR Due Date:

01/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Oil and grease sample required if visible shee is observed. Qtrly sampling instructions - I.C.12, pg 11.

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			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample														99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C			
					Value NODI									C - No Discharge		C - No Discharge				
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				
00745	Sulfide, total [as S]	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/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				
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01304	Silver, potentially dissolved	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	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														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01309	Arsenic, potentially dissolved	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L			
					Value NODI											C - No Discharge				
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				

01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	
					Value NODI										C - No Discharge		C - No Discharge		
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	
					Value NODI										C - No Discharge		C - No Discharge		
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample														
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	
					Value NODI										C - No Discharge		C - No Discharge		
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														
					Permit Req.											<=	10.0 INST MAX	19 - mg/L	
					Value NODI												C - No Discharge		
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample														
					Permit Req.												Req Mon DAILY MX	28 - ug/L	
					Value NODI												C - No Discharge		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					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														
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	
					Value NODI										C - No Discharge		C - No Discharge		
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample														
					Permit Req.										Req Mon 30DA AVG			28 - ug/L	
					Value NODI										C - No Discharge				
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1									
					Value NODI				C - No Discharge										

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

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Moffat County Mining LLC

User: MBLOMQUIST@PEABODYENERGY.COM

Name: Miranda Kawcak

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