

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

005
External Outfall

Discharge:

005-AA
Coal Conveyor Runoff (MB-3)

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.1.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

					Value NODI												C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
03582	Oil and grease	1 - Effluent Gross	0	--	Sample																
					Permit Req.											<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NODI												C - No Discharge				
					Sample																
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample																
					Permit Req.												Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI												C - No Discharge				
					Sample																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																
					Permit Req.	<=	0.04 30DA AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge												
					Sample																
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
81020	Sulfate	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
82057	Boron, total	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample																
					Permit Req.				Req Mon INST MAX	AB - abst=0;prst=1										01/30 - Monthly	VI - VISUAL
					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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: JPOULOS_5041

Name: John Poulos

E-Mail: jpoulos@archcoal.com

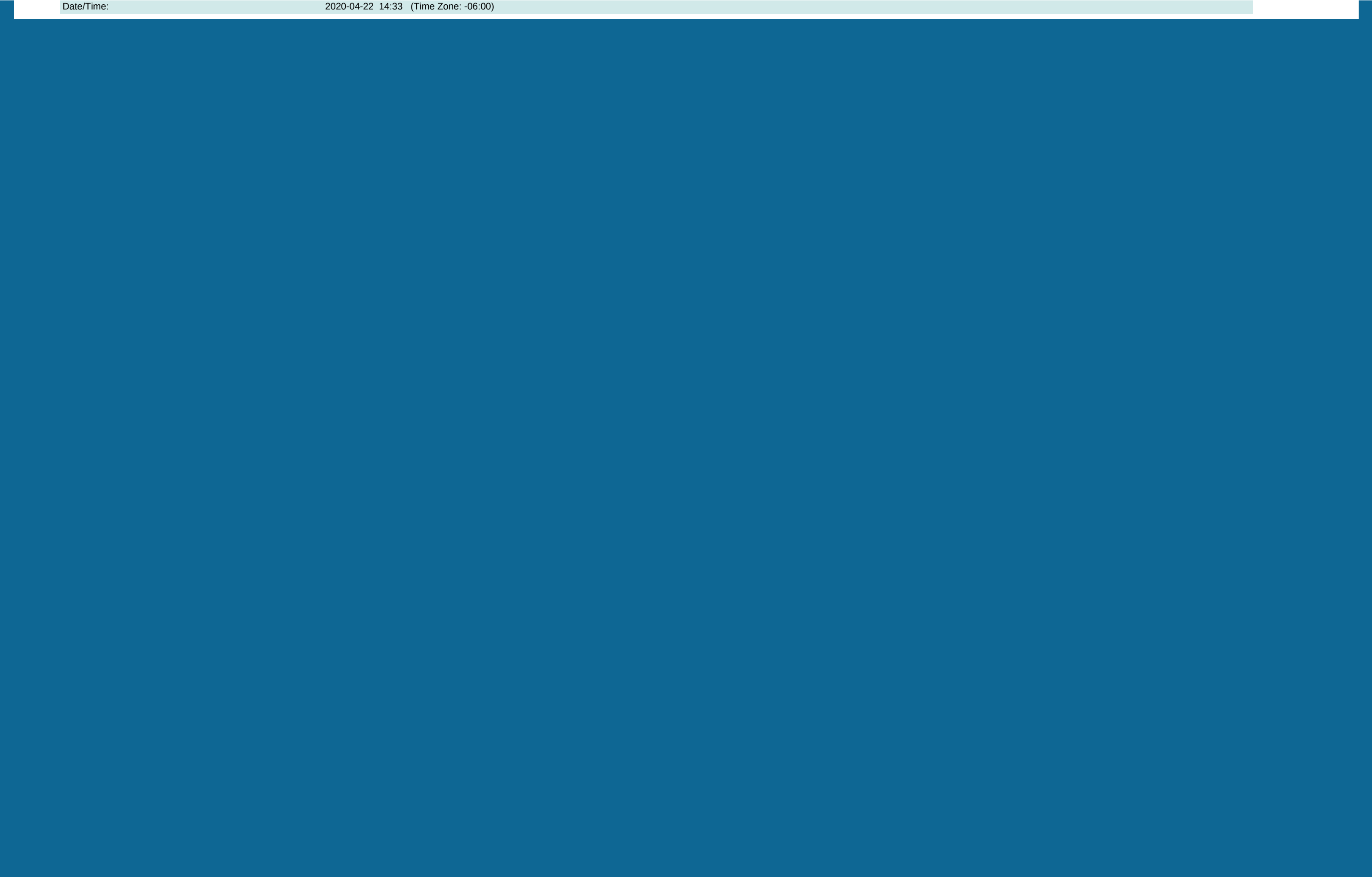
Date/Time: 2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041

Name: John Poulos

E-Mail: jpoulos@archcoal.com



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Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

005
External Outfall

Discharge:

005-Q
Quarterly Monitoring for 005A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

007
Internal Outfall

Discharge:

007-A
Domestic WWTP Polishing Pond

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

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

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:32 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

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CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

008
External Outfall

Discharge:

008-AA
Loadout Runoff (MB4)

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 15 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

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			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			7B - dS/m			
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					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				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					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														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														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	3297.0 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																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge		C - No Discharge				
					Sample																
03582	Oil and grease	1 - Effluent Gross	0	--	Sample																
					Permit Req.											<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NODI												C - No Discharge				
					Sample																
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample																
					Permit Req.												Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI												C - No Discharge				
					Sample																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																
					Permit Req.	<=	0.03 30DA AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge												
					Sample																
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
81020	Sulfate	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
82057	Boron, total	1 - Effluent Gross	0	--	Sample																
					Permit Req.										Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge						
					Sample																
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample																
					Permit Req.				Req Mon INST MAX	AB - abst=0;prst=1										01/30 - Monthly	VI - VISUAL
					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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: JPOULOS_5041

Name: John Poulos

E-Mail: jpoulos@archcoal.com

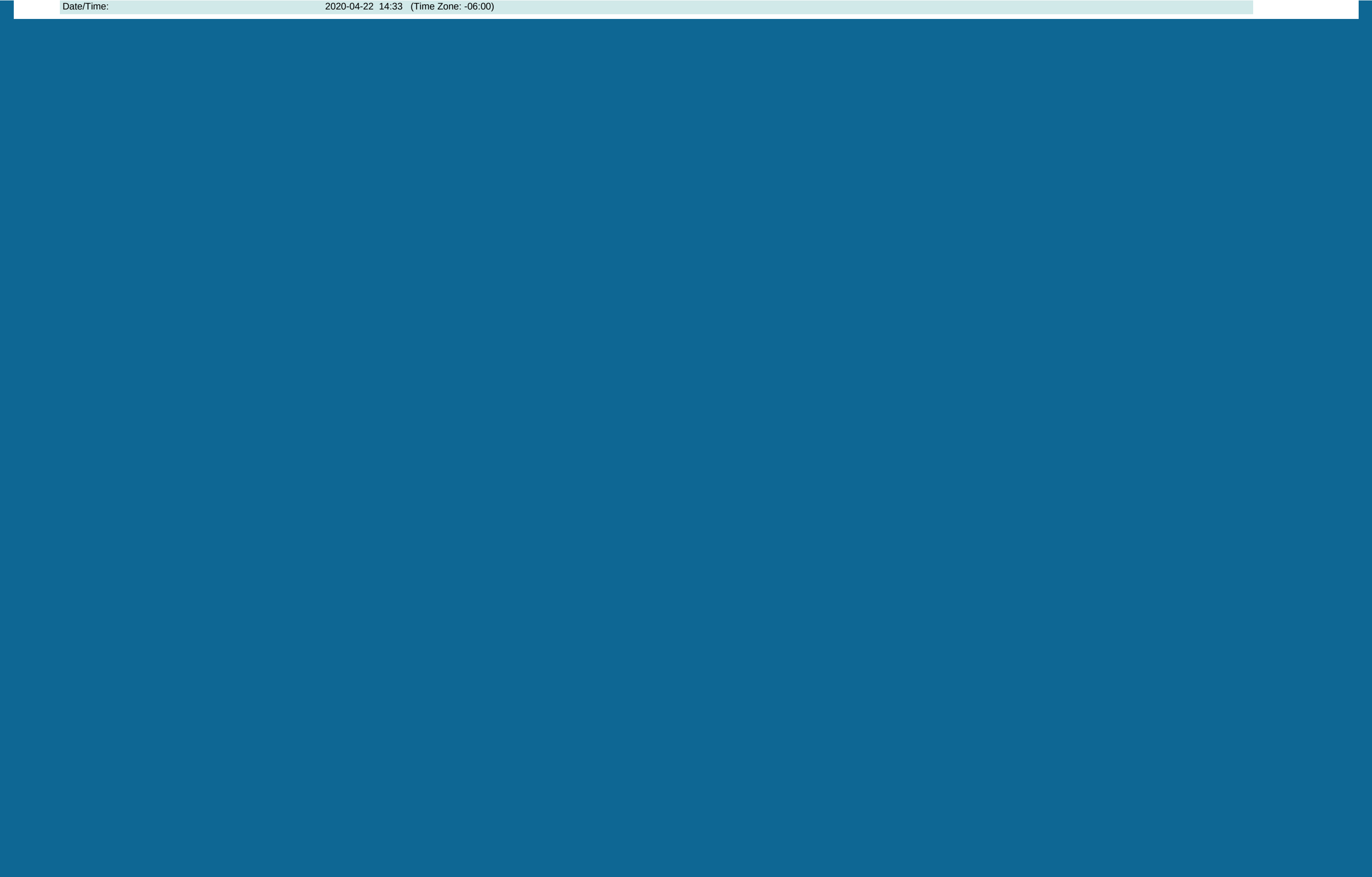
Date/Time: 2020-04-16 10:45 (Time Zone: -06:00)

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E-Mail: jpoulos@archcoal.com



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Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

008
External Outfall

Discharge:

008-Q
Quarterly Monitoring for 008A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

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Comments

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Attachments

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Name:

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E-Mail:

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Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

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Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

009
External Outfall

Discharge:

009-AA
Subsoil Stkpile Runoff (MB-5)

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

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Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 16 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-04-16 10:45 (Time Zone: -06:00)
<i>Report Last Signed By</i>	
User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-04-22 14:33 (Time Zone: -06:00)

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Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

009
External Outfall

Discharge:

009-Q
Quarterly Monitoring for 009A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

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Comments

NO DISCHARGE

Attachments

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John Poulos

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jpoulos@archcoal.com

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User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

009
External Outfall

Discharge:

009-W
Acute WET Testing for 009A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SEE I.D.1, PP. 32-35, FOR DETAILS OFTEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST 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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

011
External Outfall

Discharge:

011-AA
Mine Water to Sylvester Gulch

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

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			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			7B - dS/m			
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					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				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					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														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		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															

					Value NODI											C - No Discharge		C - No Discharge						
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample																			
					Permit Req.											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB	
					Value NODI											C - No Discharge		C - No Discharge						
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample																			
					Permit Req.											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB	
					Value NODI											C - No Discharge		C - No Discharge						
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample																			
					Permit Req.											Req Mon 30DA AVG			28 - ug/L			02/30 - Twice Per Month	GR - GRAB	
					Value NODI											C - No Discharge								
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample																			
					Permit Req.											Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB	
					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			02/30 - Twice Per Month	GR - GRAB	
					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			02/30 - Twice Per Month	GR - GRAB	
					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			02/30 - Twice Per Month	GR - GRAB	
					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			77/77 - Contingent	GR - GRAB	
					Value NODI													C - No Discharge						
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample																			
					Permit Req.													Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB	
					Value NODI													C - No Discharge						
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																			
					Permit Req.	<=	0.014 30DA AVG		Req Mon DAILY MX	03 - MGD												01/30 - Monthly	IN - INSTAN	
					Value NODI		C - No Discharge		C - No Discharge															
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample																			
					Permit Req.											Req Mon 30DA AVG			28 - ug/L			02/30 - Twice Per Month	GR - GRAB	
					Value NODI											C - No Discharge								
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample																			
					Permit Req.											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB	
					Value NODI											C - No Discharge								
81020	Sulfate	1 - Effluent Gross	0	--	Sample																			
					Permit Req.											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB	
					Value NODI											C - No Discharge								
82057	Boron, total	1 - Effluent Gross	0	--	Sample																			
					Permit Req.											Req Mon 30DA AVG			19 - mg/L			02/30 - Twice Per Month	GR - GRAB	
					Value NODI											C - No Discharge								
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample																			
					Permit Req.					Req Mon INST MAX	AB - abst=0;prst=1											01/30 - Monthly	VI - VISUAL	
					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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

011
External Outfall

Discharge:

011-Q
Quarterly Monitoring for 011A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

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
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon QRTTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit #:		CO0038776			Permittee:		Mountain Coal Co LLC					Facility:		WEST ELK MINE							
Major:		No			Permittee Address:		5174 Hwy 133 Somerset, CO 81434					Facility Location:		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434							
Permitted Feature:		012 External Outfall			Discharge:		012-AA Mine Water to Minnesota Creek														
Report Dates & Status																					
Monitoring Period:		From 03/01/20 to 03/31/20			DMR Due Date:		04/28/20					Status:		NetDMR Validated							
Considerations for Form Completion																					
TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 15 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.																					
Principal Executive Officer																					
First Name:				Title:										Telephone:							
Last Name:																					
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 Permit Req. Value NODI							>=	6.5 MINIMUM C - No Discharge			<=	9.0 MAXIMUM C - No Discharge	12 - SU		01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									<=	35.0 30DA AVG C - No Discharge	<=	70.0 DAILY MX C - No Discharge	19 - mg/L		01/30 - Monthly	GR - GRAB
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									<=	3500.0 30DA AVG C - No Discharge	<=	7000.0 DAILY MX C - No Discharge	28 - ug/L		01/30 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												Req Mon DAILY MX C - No Discharge	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB

					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.										C - No Discharge		C - No Discharge						
					Value NODI																		
03582	Oil and grease	1 - Effluent Gross	0	--	Sample																		
					Permit Req.											<=	10.0 INST MAX	19 - mg/L			77/77 - Contingent	GR - GRAB	
					Value NODI												C - No Discharge						
					Sample																		
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Permit Req.													Req Mon DAILY MX	28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Value NODI												C - No Discharge						
					Sample																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Permit Req.	<=	0.072 30DA AVG		Req Mon DAILY MX	03 - MGD												01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge														
					Sample																		
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Permit Req.										Req Mon 30DA AVG				28 - ug/L			02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge								
					Sample																		
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Permit Req.										Req Mon 30DA AVG				19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge								
					Sample																		
81020	Sulfate	1 - Effluent Gross	0	--	Permit Req.										Req Mon 30DA AVG				19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge								
					Sample																		
82057	Boron, total	1 - Effluent Gross	0	--	Permit Req.										Req Mon 30DA AVG				19 - mg/L			02/30 - Twice Per Month	GR - GRAB
					Value NODI										C - No Discharge								
					Sample																		
84066	Oil and grease visual	1 - Effluent Gross	0	--	Permit Req.				Req Mon INST MAX	AB - abst=0;prst=1												01/30 - Monthly	VI - VISUAL
					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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: JPOULOS_5041

Name: John Poulos

E-Mail: jpoulos@archcoal.com

Date/Time: 2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041

Name: John Poulos

E-Mail: jpoulos@archcoal.com

Date/Time: 2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

012
External Outfall

Discharge:

012-Q
Quarterly Monitoring for 012A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

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.

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Comments

NO DISCHARGE

Attachments

No attachments.

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Mountain Coal Co LLC

User:

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Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

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jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

012
External Outfall

Discharge:

012-W
Acute WET Testing for 012A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SEE I.D.1, PP. 32.PG 32-34 FOR DETAILS OS PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST 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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

012A
External Outfall

Discharge:

012A-W
Acute Monthly WET Testing for 012A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

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Name:

John Poulos

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jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

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Name:

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Date/Time:

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DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

014
External Outfall

Discharge:

014-AA
Surface Runoff to Sylvester Gulch

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS & TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 21 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

014
External Outfall

Discharge:

014-Q
Quarterly Monitoring for 014A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

					Value NODI										C - No Discharge						
81020	Sulfate	1 - Effluent Gross	0	--	Sample										Req Mon 30DA AVG			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										C - No Discharge						
					Value NODI																
82057	Boron, total	1 - Effluent Gross	0	--	Sample										Req Mon 30DA AVG			19 - mg/L		01/90 - Quarterly	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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

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jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

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Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

015
External Outfall

Discharge:

015-AA
Surface Runoff to N. Fork of Gunnison River

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 23 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.1.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

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			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			7B - dS/m			
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					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				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					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														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														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	3297.0 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																
					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																
					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																
					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																
					Permit Req.												Req Mon 30DA AVG		28 - ug/L		
					Value NODI												C - No Discharge				
01318	Lead, 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			
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.	<=	0.04 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																
					Permit Req.												Req Mon 30DA AVG		28 - ug/L		
					Value NODI												C - No Discharge				
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample																
					Permit Req.												Req Mon 30DA AVG		19 - mg/L		
					Value NODI												C - No Discharge				
81020	Sulfate	1 - Effluent Gross	0	--	Sample																
					Permit Req.												Req Mon 30DA AVG		19 - mg/L		
					Value NODI												C - No Discharge				
82057	Boron, total	1 - Effluent Gross	0	--	Sample																
					Permit Req.												Req Mon 30DA AVG		19 - mg/L		
					Value NODI												C - No Discharge				
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample																
					Permit Req.				Req Mon INST MAX	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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

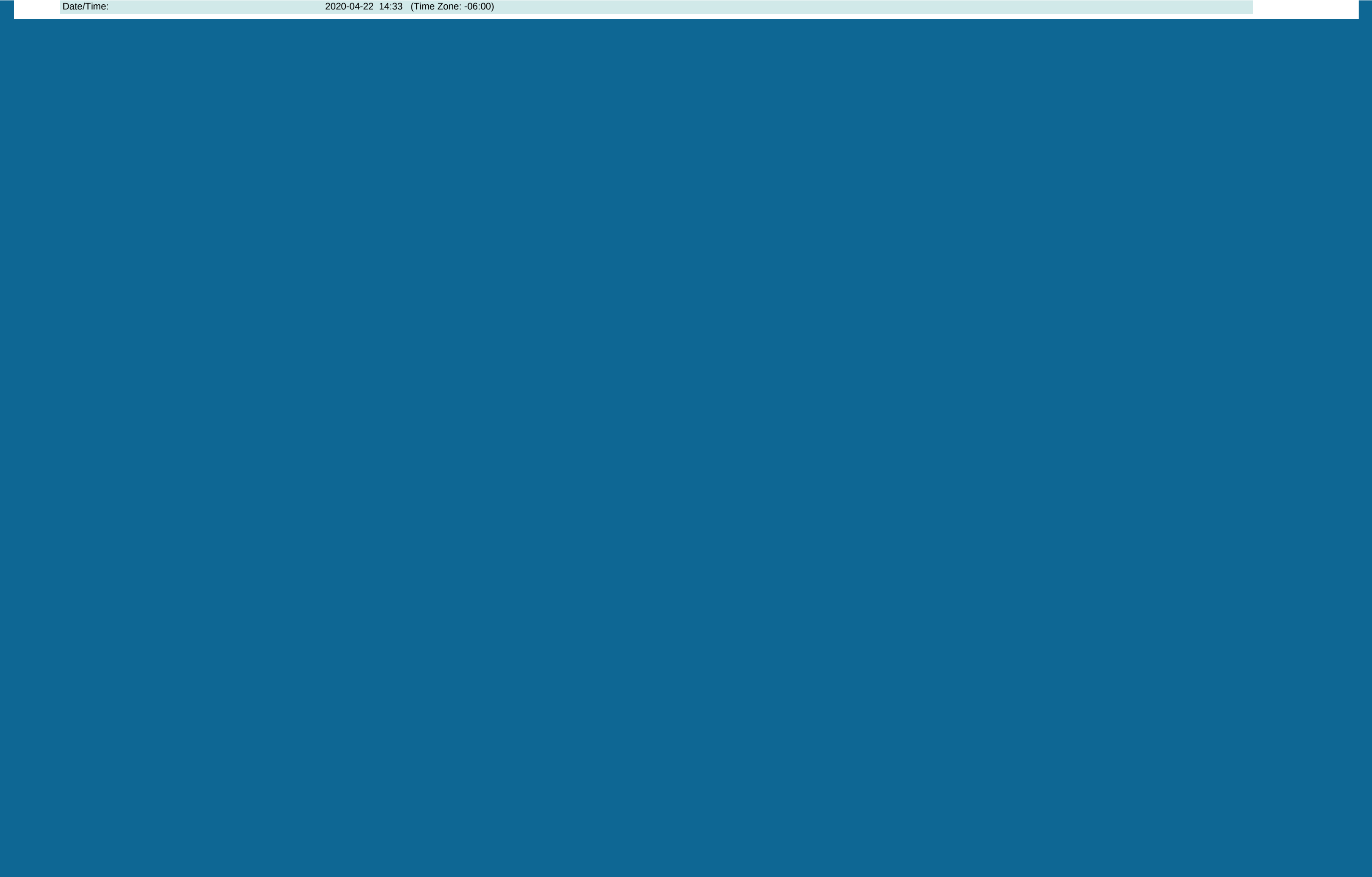
JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com



DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

015
External Outfall

Discharge:

015-Q
Quarterly Monitoring for 015A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-16 10:45 (Time Zone: -06:00)

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Name:

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John Poulos

jpoulos@archcoal.com

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

017
External Outfall

Discharge:

017-AA
Mine Water & MWTF

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 15 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

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				
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB	
					Permit Req.							Req Mon 30DA AVG					7B - dS/m				
					Value NODI							C - No Discharge									
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU				
					Value NODI							C - No Discharge				C - No Discharge					
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB	
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L				
					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					
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB	
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L				
					Value NODI								C - No Discharge			C - No Discharge					
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB	
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L				
					Value NODI								C - No Discharge			C - No Discharge					
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB	
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L				
					Value NODI								C - No Discharge			C - No Discharge					
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD	
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	1U - Ratio				
					Value NODI								C - No Discharge			C - No Discharge					
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD	
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	1U - Ratio				
					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.								<=	100.0 30DA AVG			28 - ug/L				
					Value NODI									C - No Discharge							
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB	
					Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L				
					Value NODI									C - No Discharge		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																
					Permit Req.											Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI											C - No Discharge	C - No Discharge				
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI											C - No Discharge	C - No Discharge				
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon 30DA AVG		28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI											C - No Discharge					
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					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		02/30 - Twice Per Month	GR - GRAB
					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		02/30 - Twice Per Month	GR - GRAB
					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		02/30 - Twice Per Month	GR - GRAB
					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	77/77 - Contingent	GR - GRAB
					Value NODI													C - No Discharge			
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample																
					Permit Req.													Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI													C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																
					Permit Req.	<=	0.29 30DA AVG		Req Mon DAILY MX	03 - MGD										01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge												
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon 30DA AVG		28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI											C - No Discharge					
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon 30DA AVG		19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI											C - No Discharge					
81020	Sulfate	1 - Effluent Gross	0	--	Sample																
					Permit Req.											Req Mon 30DA AVG		19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI											C - No Discharge					
82057	Boron, total	1 - Effluent Gross	0	--	Sample																
					Permit Req.																
					Value NODI											<=	2.59 30DA AVG		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Sample											C - No Discharge					
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample																
					Permit Req.					Req Mon INST MAX	AB - abst=0;prst=1									01/30 - Monthly	VI - VISUAL
					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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

017
External Outfall

Discharge:

017-Q
Quarterly Monitoring for 017A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

017
External Outfall

Discharge:

017-W
Acute WET Testing for 017A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SEE I.D.1, PP. 32-34, FOR DETAILS OFTEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT 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		
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	Sample													01/90 - Quarterly	G3 - GRAB-3
					Permit Req.						>=	100.0 MN VALUE					23 - %		
					Value NODI							C - No Discharge							
TAN6C	LC50 Statre 96Hr Acute Pimephales	1 - Effluent Gross	0	--	Sample													01/90 - Quarterly	G3 - GRAB-3
					Permit Req.						>=	100.0 MN VALUE					23 - %		
					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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

017A
External Outfall

Discharge:

017A-W
Acute Monthly WET Testing for 017A

Report Dates & Status

Monitoring Period:

From 01/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

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

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

JPOULOS_5041

John Poulos

jpoulos@archcoal.com

2020-04-16 10:45 (Time Zone: -06:00)

Report Last Signed By

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Name:

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Date/Time:

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John Poulos

jpoulos@archcoal.com

2020-04-22 14:33 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

300
Influent Structure

Discharge:

300-I
Influent Measurements

Report Dates & Status

Monitoring Period:

From 03/01/20 to 03/31/20

DMR Due Date:

04/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Influent samples must be collected, analyzed and reported monthly regardless of whether an effluent discharge occurs. Plant capacity - report hydraulic capacity @ MLOC=P; organic capacity @ MLOC=Q. Hydraulic capacity = 0.02 MGD; organic capacity = 28 lbs BOD-5/Day

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

Mountain Coal Co LLC

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:31 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-04-22 14:33 (Time Zone: -06:00)