

DMR Copy of Record

Permit #:		CO0038776		Permittee:		Mountain Coal Co LLC		Facility:		WEST ELK MINE																																																																																																																																																											
Major:		No		Permittee Address:		5174 Hwy 133 Somerse, CO 81434		Facility Location:		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434																																																																																																																																																											
Permitted Feature:		025 External Outfall		Discharge:		025-Q Quarterly Monitoring for 025A																																																																																																																																																															
Report Dates & Status				Monitoring Period: From 10/01/20 to 12/31/20				DMR Due Date: 01/28/21																																																																																																																																																													
Considerations for Form Completion				Status:				NotDMR Validated																																																																																																																																																													
Principal Executive Officer																																																																																																																																																																					
First Name:				Title:				Telephone:																																																																																																																																																													
Last Name:																																																																																																																																																																					
No Data Indicator (NODI)																																																																																																																																																																					
Form NODI:																																																																																																																																																																					
<table><thead><tr><th>Code</th><th>Parameter Name</th><th>Monitoring Location</th><th>Season</th><th>Param. NODI</th><th>Sample Permit Req.</th><th>Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units</th><th>Quality or Concentration Qualifier 1 Qualifier 2 Value 3 Units</th><th># of Ex.</th><th>Frequency of Analyte</th><th>Sample Type</th></tr></thead><tbody><tr><td>00940</td><td>Chloride [as Cl]</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>800.0 Req Mon 30DA AVG</td><td>19 - mg/L 0</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>00978</td><td>Arsenic, total recoverable</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>8.6 Req Mon 30DA AVG</td><td>28 - ug/L 0</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01056</td><td>Manganese, dissolved [as Mn]</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>66.6 Req Mon 30DA AVG</td><td>28 - ug/L 0</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01074</td><td>Nickel, total recoverable</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>15.0 Req Mon 30DA AVG</td><td>28 - ug/L 0</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01114</td><td>Lead, total recoverable</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>14.0 Req Mon DAILY MX 28 - ug/L</td><td>28 - ug/L 0</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01118</td><td>Chromium, total recoverable</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>10.0 Req Mon 30DA AVG</td><td>10.0 Req Mon DAILY MX 28 - ug/L</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01303</td><td>Zinc, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>46.0 Req Mon 30DA AVG</td><td>46.0 Req Mon DAILY MX 28 - ug/L</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01306</td><td>Copper, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>8.0 Req Mon 30DA AVG</td><td>8.0 Req Mon DAILY MX 28 - ug/L</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01314</td><td>Chromium, trivalent, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>2.6 Req Mon 30DA AVG</td><td>28 - ug/L 0</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01318</td><td>Lead, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>9.0 Req Mon 30DA AVG</td><td>9.0 Req Mon DAILY MX 28 - ug/L</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01319</td><td>Manganese, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>560.0 Req Mon 30DA AVG</td><td>560.0 Req Mon DAILY MX 28 - ug/L</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01322</td><td>Nickel, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>4.2 Req Mon 30DA AVG</td><td>4.2 Req Mon DAILY MX 28 - ug/L</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr><tr><td>01323</td><td>Selenium, potentially dissolved</td><td>1 - Effluent Gross</td><td>0</td><td>-</td><td>Sample Permit Req.</td><td>4.2 Req Mon 30DA AVG</td><td>4.2 Req Mon DAILY MX 28 - ug/L</td><td>0</td><td>01/90 - Quarterly</td><td>GR - GRAB</td></tr></tbody></table>												Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req.	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Quality or Concentration Qualifier 1 Qualifier 2 Value 3 Units	# of Ex.	Frequency of Analyte	Sample Type	00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample Permit Req.	800.0 Req Mon 30DA AVG	19 - mg/L 0	0	01/90 - Quarterly	GR - GRAB	00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req.	8.6 Req Mon 30DA AVG	28 - ug/L 0	0	01/90 - Quarterly	GR - GRAB	01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	-	Sample Permit Req.	66.6 Req Mon 30DA AVG	28 - ug/L 0	0	01/90 - Quarterly	GR - GRAB	01074	Nickel, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req.	15.0 Req Mon 30DA AVG	28 - ug/L 0	0	01/90 - Quarterly	GR - GRAB	01114	Lead, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req.	14.0 Req Mon DAILY MX 28 - ug/L	28 - ug/L 0	0	01/90 - Quarterly	GR - GRAB	01118	Chromium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req.	10.0 Req Mon 30DA AVG	10.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB	01303	Zinc, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	46.0 Req Mon 30DA AVG	46.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB	01306	Copper, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	8.0 Req Mon 30DA AVG	8.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB	01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	2.6 Req Mon 30DA AVG	28 - ug/L 0	0	01/90 - Quarterly	GR - GRAB	01318	Lead, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	9.0 Req Mon 30DA AVG	9.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB	01319	Manganese, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	560.0 Req Mon 30DA AVG	560.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB	01322	Nickel, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	4.2 Req Mon 30DA AVG	4.2 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB	01323	Selenium, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	4.2 Req Mon 30DA AVG	4.2 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB
Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req.	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Quality or Concentration Qualifier 1 Qualifier 2 Value 3 Units	# of Ex.	Frequency of Analyte	Sample Type																																																																																																																																																											
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01118	Chromium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req.	10.0 Req Mon 30DA AVG	10.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB																																																																																																																																																											
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	46.0 Req Mon 30DA AVG	46.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB																																																																																																																																																											
01306	Copper, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	8.0 Req Mon 30DA AVG	8.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB																																																																																																																																																											
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01318	Lead, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	9.0 Req Mon 30DA AVG	9.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB																																																																																																																																																											
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	560.0 Req Mon 30DA AVG	560.0 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB																																																																																																																																																											
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	4.2 Req Mon 30DA AVG	4.2 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB																																																																																																																																																											
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req.	4.2 Req Mon 30DA AVG	4.2 Req Mon DAILY MX 28 - ug/L	0	01/90 - Quarterly	GR - GRAB																																																																																																																																																											

04262	Chromium, trivalent	total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			20.0	28 - ug/L	01990 - Quarterly	GR - GRAB
									Req Mon DAILY MX	28 - ug/L	01990 - Quarterly	GR - GRAB
50286	Mercury, total	[low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		0.033		28 - ug/L	01990 - Quarterly	GR - GRAB
								Req Mon 30DA AVG		28 - ug/L	01990 - Quarterly	GR - GRAB
51202	Sulfide-hydrogen sulfide	[undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		0.05		19 - mg/L	01990 - Quarterly	GR - GRAB
								Req Mon 30DA AVG		19 - mg/L	01990 - Quarterly	GR - GRAB
81020	Sulfate		1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		98.0		19 - mg/L	01990 - Quarterly	GR - GRAB
								Req Mon 30DA AVG		19 - mg/L	01990 - Quarterly	GR - GRAB
82057	Boron, total		1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		1.5		19 - mg/L	01990 - Quarterly	GR - GRAB
								Req Mon 30DA AVG		19 - mg/L	01990 - Quarterly	GR - GRAB
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:												
3WELTBOYS												
Name:												
Kathleen Weit												
E-Mail:												
kweit@archcoal.com												
Date/Time:												
2021-01-20 08:48 (Time Zone: -07:00)												
Report Last Signed By												
User:												
JWILCZEK												
Name:												
Jessica Wilczek												
E-Mail:												
jwilczek@archrsc.com												
Date/Time:												
2021-01-20 11:27 (Time Zone: -07:00)												

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somerse, CO 81434

Facility: WEST ELK MINE
Facility Location: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature: 025
External Outfall

Discharge: 025-A
Stormwater from Drainage Basin 49A5 to Sylvester Gulch

Report Dates & Status

Monitoring Period: From 12/01/20 to 12/31/20

DMR Due Date: 01/28/21

Status: NEIDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season & Param. (NOD)	Sample Permit Req. Value NOD	Quantity or Loading		Quality or Concentration			Units	# of Ex. Frequency of Analysis	Sample Type					
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1				Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3
00400	pH	1 - Effluent Gross	0	Sample Permit Req. Value NOD									Req Mon MINIMUM C - No Discharge			01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	Sample Permit Req. Value NOD									Req Mon 30DA AVG C - No Discharge			01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	Sample Permit Req. Value NOD									Req Mon 30DA AVG C - No Discharge			01/30 - Monthly	GR - GRAB
00990	Iron, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD									Req Mon 30DA AVG C - No Discharge			01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Sample Permit Req. Value NOD									1.35 30DA AVG C - No Discharge			01/30 - Monthly	IN - INSTANT

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:

3WELTBOYS

Name:

Kathleen Weit

E-Mail:

kweit@archcoal.com

Date/Time:

2021-01-20 10:46 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #: C00038776	No	Permittee Address:	Mountain Coal Co LLC	WEST ELK MINE	
Major:		Discharge:	5174 Hwy 133 Somerse, CO 81434	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	From 10/01/20 to 12/31/20	DMR Due Date:	01/28/21	Status:	NotDMR Validated
Monitoring Period: Considerations for Form Completion					
SEE ID 1, PP. 32-34, FOR DETAILS OF TEST 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		Title:		Telephone:	
First Name:					
Last Name:					
No Data Indicator (NOD)					
Form NOD:					

Code	Parameter Name	Monitoring Location	Season	Permit NOD	Sample Permit Req	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3 Units	# of Ec. Frequency of Analysis	Sample Type
TAM6C	LC50 Static Renewal 48hr Acute Daphnia magna	1 - Effluent Gross	0	-	Sample Permit Req Value NOD	100.0 MN VALUE C - No Discharge	23 - %	01/90 - Quarterly	G3 - GPOA-3
TAN6C	LC50 Static 96hr Acute Pimephales	1 - Effluent Gross	0	-	Sample Permit Req Value NOD	100.0 MN VALUE C - No Discharge	23 - %	01/90 - Quarterly	G3 - GPOA-3

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:
3WELTBOYS
Name: Kathleen Weil
E-Mail: kweil@archcoal.com

Date/Time:
2021-01-20 10:44 (Time Zone: -07:00)

Report Last Signed By
JWILCZEK

User:
JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archsc.com

Date/Time:
2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somerse, 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
Acile Monthly WET Testing for 017A

Report Dates & Status

Monitoring Period: From 12/01/20 to 12/31/20

DMR Due Date: 01/28/21

Status: NoDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Last Name:

Telephone:

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location Season # Permit NOD	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis Sample Type
			Quarter 1 Value 1	Quarter 2 Value 2	Units	Quarter 1 Value 1	Quarter 2 Value 2	Units	
51484	Number of Events	1 - Effluent Gross 0	Sample Permit Fee: Value NOD	<	10.0 30DA AVG	Sample Permit Fee: Value NOD	<	3.0 7 DA AVG	51 - # 01/30 - Monthly CA - CALCTD
81381	Duration of discharge	1 - Effluent Gross 0	Sample Permit Fee: Value NOD	<	3.0 7 DA AVG	Sample Permit Fee: Value NOD	<	3.0 7 DA AVG	5A - d 01/07 - Weekly CA - CALCTD

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:

3WELTBOYS

Name:

Kathleen Weit

E-Mail:

kwelt@archcoal.com

Date/Time:

2021-01-20 10:44 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archisc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit #: C00038776 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: 027 External Outfall		Discharge: 027-A Stormwater from Drainage Basin 49A2 to Sylvester Gulch			
Report Dates & Status Monitoring Period: From 12/01/20 to 12/31/20 Considerations for Form Completion		DMR Due Date: 01/28/21		Status: NEIDMR Validated	

Principal Executive Officer First Name: _____ Last Name: _____ No Data Indicator (NOD): -		Title: _____ Telephone: _____	
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Code	Parameter Name	Monitoring Location	Season & Param. (NOD)	Quantity or Loading		Quantity or Concentration			# of Ex. Frequency of Analysis	Sample Type		
				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1			Value 1	Qualifier 2
00400	pH	1 - Effluent Gross	0	Sample Permit Req. Value NOD						Req Mon MAXIMUM 12 - SU C - No Discharge	07/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	Sample Permit Req. Value NOD						Req Mon DAILY MX 19 - mg/L C - No Discharge	07/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	Sample Permit Req. Value NOD						Req Mon 30DA AVG C - No Discharge	07/30 - Monthly	GR - GRAB
00960	Iron, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD						Req Mon DAILY MX 25 - mL C - No Discharge	07/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Sample Permit Req. <= Value NOD	0.48 30DA AVG C - No Discharge					Req Mon DAILY MX 03 - MGD C - No Discharge	07/30 - Monthly	IN - INSTAN

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: 3WELTBOYS

Name: Kathleen Welt

E-Mail: kwelt@archcoa.com

Date/Time: 2021-01-20 10:46 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archsc.com

Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit #: CO0038776 Major: No Permitted Feature: 027 External Outfall		Permittee: Mountain Coal Co LLC Permittee Address: 5174 Hwy 133 Somerset, CO 81434 Discharge: 027-A Quarterly Monitoring for 027A		Facility: WEST ELK MINE Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Report Dates & Status Monitoring Period: From 10/01/20 to 12/31/20 Considerations for Form Completion		DMR Due Date: 01/28/21		Status: NotDMR Validated	

Principal Executive Officer First Name: Last Name: No Data Indicator (NODI) Form NODI:	Title: Telephone:
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Code	Parameter Name	Monitoring Location	Basin #	Param NODI	Quantity of Loading			Quantity of Concentration			Units	# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Units			
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample	2700.0	Req Mon 30DA-AVG	28 - ug/L	19 - ug/L	0	0190 - Quarterly	GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	Sample	3.9	Req Mon 30DA-AVG	28 - ug/L	28 - ug/L	0	0190 - Quarterly	GR - GRAB	
01055	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	-	Sample	77.0	Req Mon 30DA-AVG	28 - ug/L	28 - ug/L	0	0190 - Quarterly	GR - GRAB	
01074	Nickel, total recoverable	1 - Effluent Gross	0	-	Sample	7.2	Req Mon 30DA-AVG	28 - ug/L	28 - ug/L	0	0190 - Quarterly	GR - GRAB	
01114	Lead, total recoverable	1 - Effluent Gross	0	-	Sample	4.4	Req Mon 30DA-AVG	28 - ug/L	5.8	0	0190 - Quarterly	GR - GRAB	
01118	Chromium, total recoverable	1 - Effluent Gross	0	-	Sample	4.4	Req Mon 30DA-AVG	28 - ug/L	4.4	0	0190 - Quarterly	GR - GRAB	
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	-	Sample	23.0	Req Mon 30DA-AVG	28 - ug/L	23.0	0	0190 - Quarterly	GR - GRAB	
01306	Copper, potentially dissolved	1 - Effluent Gross	0	-	Sample	27.0	Req Mon 30DA-AVG	28 - ug/L	27.0	0	0190 - Quarterly	GR - GRAB	
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	-	Sample	1.3	Req Mon 30DA-AVG	28 - ug/L	1.3	0	0190 - Quarterly	GR - GRAB	
01318	Lead, potentially dissolved	1 - Effluent Gross	0	-	Sample	3.4	Req Mon 30DA-AVG	28 - ug/L	3.8	0	0190 - Quarterly	GR - GRAB	
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	-	Sample	240.0	Req Mon 30DA-AVG	28 - ug/L	240.0	0	0190 - Quarterly	GR - GRAB	
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	-	Sample	1.7	Req Mon 30DA-AVG	28 - ug/L	1.7	0	0190 - Quarterly	GR - GRAB	
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	-	Sample	13.0	Req Mon 30DA-AVG	28 - ug/L	13.0	0	0190 - Quarterly	GR - GRAB	

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: 026
External Outfall

Discharge: 026-A
Stormwater from Drainage Basin 49A3 to Sylvester Gulch

Report Dates & Status

Monitoring Period: From 12/01/20 to 12/31/20

DMR Due Date: 01/28/21

Status: NEIDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Title:
Last Name: Telephone:

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Session #	Param. NOD	Quantity of Loading		Quantity or Concentration		Units	# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2			
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD				Req Mon MINIMUM C - No Discharge	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD				Req Mon 30DA AVG C - No Discharge	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD				Req Mon 30DA AVG C - No Discharge	01/30 - Monthly	GR - GRAB
00960	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD				Req Mon 30DA AVG C - No Discharge	01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	0.22 30DA AVG C - No Discharge			Req Mon DAILY MX 03 - MSD C - No Discharge	01/30 - Monthly	IN - INSTAN

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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwelt@archcoal.com

2021-01-20 10:46 (Time Zone: -07:00)

JWILCZEK

Jessica Wilczek

jwilczek@archesc.com

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit #:		C00038776		Permittee:		Mountain Coal Co LLC				
Major:		No		Permittee Address:		5174 Hwy 133 Somerset, CO 81434				
Permitted Feature:		026 External Outfall		Discharge:		026-Q Quarterly Monitoring for 026A				
Report Dates & Status		Monitoring Period: From 10/01/20 to 12/31/20		DMR Due Date:		01/26/21				
Considerations for Form Completion				Status:		NotDMR Validated				
Principal Executive Officer				Title:						
First Name:				Telephone:						
Last Name:										
No Data Indicator (NODI)										
Form NODI:										
Code	Parameter Name	Monitoring Location	Season	Perm. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Quality or Concentration Qualifier 1 Qualifier 2 Qualifier 3 Value 1 Value 2 Value 3	Units	# of Etc. Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	260.0	Req Mon 30DA AVG	19 - mg/L	0	01/90 - Quarterly GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	4.6	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	97.0	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	9.0	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5.3	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	5.3	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	66.0	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	11.0	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01314	Chromium, hexavalent, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	3.2	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	12.0	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	780.0	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	6.9	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	12.0	Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly GR - GRAB

DMR Copy of Record

Permit #:		C00038776		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:		014 External Outfall		Discharge:		014-Q Quarterly Monitoring for 014A					
Report Dates & Status		Monitoring Period: From 10/01/20 to 12/31/20		DMR Due Date:		01/28/21		Status:		Not DMR Validated	
Considerations for Form Completion											
TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=107R 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 MLOO=EG, ADJUSTED SAR AT MLOO=P.											
Principal Executive Officer		First Name:		Last Name:		Title:		Telephone:			
No Data Indicator (NODI)											
Form NODI:											
Code		Parameter Name		Monitoring Location		Season		Param. NODI		Quantity or Loading	
										Quantity 1 Value 1 Quantity 2 Value 2 Units Frequency of Analysis Sample Type	
00940 Chloride [as Cl]		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 19 - ug/L 01/00 - Quarterly 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 01/00 - Quarterly 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 01/00 - Quarterly 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 01/00 - Quarterly GR - GRAB	
01114 Lead, total recoverable		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	
01118 Chromium, total recoverable		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	
01303 Zinc, potentially dissolved		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	
01306 Copper, potentially dissolved		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	
01314 Chromium, trivalent, potentially dissolved		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	
01318 Lead, potentially dissolved		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	
01319 Manganese, potentially dissolved		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	
01322 Nickel, potentially dissolved		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	
01323 Selenium, potentially dissolved		1 - Effluent Gross		0		-				Sample Permit Req. Value NODI	
										Req Mon 30DA AVG C - No Discharge 28 - ug/L 01/00 - Quarterly GR - GRAB	

	Value NODI	Sample Permit Req. Value NODI	1 - Effluent Gross 0	C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge	01/90 - Quarterly	GR - GRAB
04282 Chromium, trivalent total recoverable							
50286 Mercury, total [low level]							
51202 Sulfide-hydrogen sulf de [undissociated]							
81020 Sulfate							
82057 Boron, total							

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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwelt@archcoal.com

2021-01-20 10:42 (Time Zone: -07:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrec.com

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permit #: C00038776		Permittee: Mountain Coal Co LLC		Facility: WEST ELK MINE						
Major: No		Permittee Address: 5174 Hwy 139 Somerset, CO 81434		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 12/01/20 to 12/31/20		DMR Due Date: 01/28/21		Status: NotDMR 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:		Title:		Telephone:								
Last Name:												
No Data Indicator (NOD)												
Form NOD: -												
Code	Parameter Name	Monitoring Location	Season # Param. NOD	Sample Permit Req. Value NOD	Quarter 1 Value 1	Quantity of Loading Quarter 2 Value 2	Units	Quarter 1 Value 1	Quarter 2 Value 2	Quantity of Concentration Quarter 3 Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00094	Conductivity	1 - Effluent Gross	0	-						Req Mon 30DA AVG C - No Discharge	78 - dS/m	02/30 - Twice Per Month GR - GRAB
00400	pH	1 - Effluent Gross	0	-				6.5 MINIMUM C - No Discharge		Req Mon 30DA AVG C - No Discharge	9.0 MAXIMUM 12 - SU	01/30 - Monthly GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	-				Req Mon 30DA AVG C - No Discharge		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-				35.0 30DA AVG C - No Discharge		Req Mon 30DA AVG C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	-				Req Mon 30DA AVG C - No Discharge		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-				Req Mon 30DA AVG C - No Discharge		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	-				Req Mon 30DA AVG C - No Discharge		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-				Req Mon 30DA AVG C - No Discharge		Req Mon 30DA AVG C - No Discharge	19 - Ratio	02/30 - Twice Per Month CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	-				Req Mon 30DA AVG C - No Discharge		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	-				Req Mon 30DA AVG C - No Discharge		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	-				Req Mon 30DA AVG C - No Discharge		Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
00990	Iron, total recoverable	1 - Effluent Gross	0	-				3000.0 30DA AVG C - No Discharge		6000.0 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-				3297.0 30DA AVG			28 - ug/L	02/30 - Twice Per Month GR - GRAB

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - 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	0230 - 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	0230 - 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	28 - ug/L	0230 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - 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	28 - ug/L	0230 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
03592	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	10.0 INST MAX C - No Discharge	19 - mg/L	7777 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.04 30DA AVG C - No Discharge		0120 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
61020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon INST MAX C - No Discharge		0120 - Monthly VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample not 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:	3WELTBOYS
Name:	Kathleen Weil
E-Mail:	kweil@archcoal.com
Date/Time:	2021-01-20 10:42 (Time Zone: -07:00)
Report Last Signed By	
User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archisc.com
Date/Time:	2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO00038776
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 12/01/20 to 12/31/20

DMR Due Date: 01/28/21

Status: NewDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

Form NOD: No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Season	# Param. NOD	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
51484	Number of Events	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	<	10.0 3DO.ANG	<	3.0 MX.TD.AV	SI - #	01/30 - Monthly	CA - CALC.TD
81381	Duration of discharge	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	<	C - No Discharge	<	3.0 MX.TD.AV	SA - d	01/07 - Weekly	CA - CALC.TD

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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Weik

kweik@archcoal.com

2021-01-20 10:32 (Time Zone: -07:00)

JWILLCZEK

Jessica Willczek

jwillczek@archisc.com

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit Permit #: CO0038776 Major: No		Permittee: Permittee Address: Mountain Coal Co LLC 5174 Hwy 133 Somersel, CO 81434		Facility: Facility Location: WEST ELK MINE 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 12/01/20 to 12/31/20		DMR Due Date: 01/28/21		Status: Not DMR 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: No Data Indicator (NODI)		Title:		Telephone:	

Code	Parameter Name	Monitoring Location	Season & Param. NODI	Quantity of Loading		Quality or Concentration		# of Ex. Frequency of Analysis	Sample Type			
				Sample Permit Req. Value NODI	Quantity 1	Value 1	Quantity 2			Value 2	Quantity 3	Value 3
00010	Temperature, water temp, centigrade	1 - Effluent Gross	0	-	-	-	-	Req Mon MAX WK AV	Req Mon DAILY MAX	04 - deg C	99/99 - Continuous	RC - Recorder (auto)
00400	pH	1 - Effluent Gross	0	-	-	-	-	6.5 MINIMUM	9.0 MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	-	-	-	35.0 30DA AVG	70.0 DAILY MAX	19 - mg/L	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-	-	-	-	3500.0 30DA AVG	7000.0 DAILY MAX	28 - ug/L	01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	-	-	-	0.03 30DA AVG	Req Mon DAILY MAX	03 - MGD	01/30 - Monthly	IN - INSTAN

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:
3WELTBOYS

Name:
Kathleen Weil

E-Mail:
kweil@mtcoal.com

Date/Time:
2021-01-20 10:41 (Time Zone: -07:00)

Report Last Signed By
JMWLCZEK

User:
Jessica Wilczek

Name:
Jessica Wilczek

E-Mail:
jwilczek@mtcsc.com

Date/Time:
2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit #:		C00038776		Permittee:		Mountain Coal Co LLC		Facility:		WEST ELK MINE	
Major:		No		Permittee Address:		5174 Hwy 133 Someset, CO 81434		Facility Location:		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature:		017 External Outfall		Discharge:		017-AA Mine Water & MWTTF					
Report Dates & Status		From 12/01/20 to 12/31/20		DMR Due Date:		01/28/21		Status:		NotDMR Validated	
Monitoring Period: From 12/01/20 to 12/31/20											
Considerations for Form Completion											
TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=107R/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:									
Last Name:		Telephone:									
No Data Indicator (NOD)											
Form NOD:											
Code											
Parameter Name											
Monitoring Location											
Season & Param. NOD											
Sample Permit Req. Value NOD											
Quantity 1 Value 1											
Quantity of Loading											
Qualifier 2 Value 2											
Units											
Qualifier 1 Value 1											
Qualifier 2 Value 2											
Quality or Concentration											
Qualifier 3 Value 3											
Units											
# of Ex. Frequency of Analysis											
Sample Type											
00010 Temperature, water deg. centigrade											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
Req Mon MX WK AV											
C - No Discharge											
Req Mon DAILY MX 04 - deg C											
C - No Discharge											
99399 - Continuous											
RC - Recorder (Auto)											
00094 Conductivity											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
78 - dS/m											
02330 - Twice Per Month GR - GRAB											
00400 pH											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
6.5 MINIMUM											
C - No Discharge											
9.0 MAXIMUM											
C - No Discharge											
12 - SU											
01607 - Weekly											
GR - GRAB											
00440 Bicarbonate Ion- [as HCO3]											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
Req Mon DAILY MX 19 - mg/L											
C - No Discharge											
02330 - Twice Per Month GR - GRAB											
00530 Solids, total suspended											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
35.0 30DA AVG											
C - No Discharge											
70.0 DAILY MX											
C - No Discharge											
19 - mg/L											
01330 - Monthly											
GR - GRAB											
00918 Calcium, total recoverable											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
Req Mon DAILY MX 19 - mg/L											
C - No Discharge											
02330 - Twice Per Month GR - GRAB											
00921 Magnesium, total recoverable											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
Req Mon DAILY MX 19 - mg/L											
C - No Discharge											
02330 - Twice Per Month GR - GRAB											
00923 Sodium, total recoverable											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
Req Mon DAILY MX 1U - Ratio											
C - No Discharge											
02330 - Twice Per Month CA - CALCTD											
00931 Sodium adsorption ratio											
EG - Effluent Gross 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
Req Mon DAILY MX 1U - Ratio											
C - No Discharge											
02330 - Twice Per Month CA - CALCTD											
00931 Sodium adsorption ratio											
P - See Comments 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
19 - mg/L											
02330 - Twice Per Month GR - GRAB											
00940 Chloride [as Cl]											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
Req Mon 30DA AVG											
C - No Discharge											
26 - ug/L											
02330 - Twice Per Month GR - GRAB											
00978 Arsenic, total recoverable											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
100.0 30DA AVG											
C - No Discharge											
26 - ug/L											
02330 - Twice Per Month GR - GRAB											
00980 Iron, total recoverable											
1 - Effluent Gross 0											
Sample Permit Req. Value NOD											
1000.0 30DA AVG											
C - No Discharge											
6000.0 DAILY MX											
28 - ug/L											
01330 - Monthly											
GR - GRAB											

If a parameter row does not contain any values for the Sample not 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:	3WELTBOYS
E-Mail:	Kathleen Weil kweil@archcoal.com
Date/Time:	2021-01-20 10:43 (Time Zone: -07:00)
Report Last Signed By	
User:	
Name:	JWILCZEK
E-Mail:	Jessica Wilczek jwilczek@archsc.com
Date/Time:	2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: C00038776
Major: No

Permittee:
Permittee Address:

Mountain Coal Co LLC
5174 Hwy 133
Sorriseel, CO 81434

Facility:
Facility Location:

WEST ELK MINE
HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

017
External Outfall

Discharge:

017-A
Quarterly Monitoring for 017A

Report Dates & Status

Monitoring Period: From 10/01/20 to 12/31/20

DMR Due Date:

01/28/21

Status:

NotDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Title:

Last Name:

Telephone:

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Sample Permit Req.	Quantity or Loading				Quality or Concentration			Units	# of Ex. Frequency of Analysis Sample Type	
						Quarter 1 Value 1	Quarter 2 Value 2	Units	Quarter 1 Value 1	Quarter 2 Value 2	Value 1	Value 2	Value 3	Units	GR - GRAB
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Value NOD						Req Mon ORTR AVG	Req Mon DAILY MX	19 - r/gL	01/90 - Quarterly	
											C - No Discharge	C - No Discharge			

Submission Note

If a parameter row does not contain any values for the Sample not 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:

3WELTBOYS

Name:

Kathleen Weil

E-Mail:

kweil@archcoal.com

Date/Time:

2021-01-20 10:44 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: C00038776
 Major: No
 Permittee: Mountain Coal Co LLC
 Permittee Address: 5172 Hwy 133
 Somerset, CO 81434
 Facility Location: WEST ELK MINE
 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 10/01/20 to 12/31/20
 DMR Due Date: 01/28/21
 Status: NotDMR Validated

Considerations for Form Completion
 Quarterly monitoring - see Appendix B, #35, pg 64.

Principal Executive Officer

First Name: Title:
 Last Name: Telephone:

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Reason # Param. NOD	Quantity or Loading			Quantity or Concentration			# of Ex. Frequency of Analysis		Sample Type
				Sample Permit Fee	Quarter 1 Value 1	Quarter 2 Value 1	Quarter 1 Value 1	Quarter 2 Value 2	Quarter 3 Value 3	Units	Req Mon	
70295	Solids, total dissolved	1 - Effluent Gross	C	Value NOD							Req Mon QTR AVG	GR - GRAB
											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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS
 Kathleen Well
 kwell@archcoal.com
 2021-01-20 10:43 (Time Zone: -07:00)
 JWLCEK
 Jessica Wilczek
 jwilczek@archsc.com
 2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: **CO0038776**
 Major: **No**
 Permitted Feature: **015 External Outfall**

Permittee: **Mountain Coal Co LLC**
 Permittee Address: **5174 Hwy 139
 Somerset, CO 81434**

Facility: **WEST ELK MINE**
 Facility Location: **HWY 139, E OF TOWN
 GUNNISON COUNTY, CO 81434**

Report Dates & Status: **From 10/01/20 to 12/31/20**
 Monitoring Period: **DMR Due Date:**
 Considerations for Form Completion: **01/28/21**
 SEE ID 1, PP. 32-34, FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Discharge: **015-M
 Acute WET Testing for 011A**

Status: **ReDMR Validated**

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NOD)

Form NOD: **-**

Code	Parameter Name	Monitoring Location Season & Param. NOD	Quantity or Loading		Quantity or Concentration		# of Ex. Frequency of Analysis Sample Type		
			Quarter 1 Value 1	Quarter 2 Value 2	Units after 1	Quarter 1 Value 1		Quarter 2 Value 2	Quarter 3 Value 3
TAM3C	LC50 Static Renewal 48hr Acute Daphnia magna	1 - Effluent Gross 0	Sample Permit Req. Value NOD		Req Mon MIN VALUE		23 - %	01/90 - Quantity	GR - GRAB
					C - No Discharge				
TAM6C	LC50 Static 98hr Acute Pinephales	1 - Effluent Gross 0	Sample Permit Req. Value NOD		Req Mon MIN VALUE		23 - %	01/90 - Quantity	GR - GRAB
					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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Weil

kwel@archcoal.com

2021-01-20 10:43 (Time Zone: -07:00)

JWILCZEK

Jessica Wilczek

jwilczek@archsc.com

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:				
Permit #: CO0038776	No	Permittee Address: Mountain Coal Co LLC 5174 Hwy 133 Someraset, CO 81434		Facility Location: WEST ELK MINE HMY 133, E OF TOWN GUNNISON COUNTY, CO 81434				
Major:		Discharge:		Status:				
Permitted Feature: UST1 Receiving Water (Ambient)		UST1-A Instream Monitoring		NeIDMR Validated				
Report Dates & Status		DMR Due Date:		Status:				
Monitoring Period: From 12/9/120 to 12/31/20		01/28/21		NeIDMR Validated				
Considerations for Form Completion								
Principal Executive Officer		Title:						
First Name:		Telephone:						
Last Name:								
No Data Indicator (NOD)								
Form NOD:								
Code	Parameter Name	Monitoring Location	Season & Param. NOD	Sample Permit Req. Value NOD	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Qualifier 2	Quantity or Concentration Qualifier 1 Qualifier 2 Qualifier 3 Value 3 Units Qualifier 1 Qualifier 2	# of Ex. Frequency of Analyte	Sample Type
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	-	Req Mon MX WK AV 5 - Frozen Conditions	Req Mon DAILY MX 3 - Frozen Conditions	04 - deg C 9995 - Continuous RC - Recorder (auto)	

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
The water is frozen and, while the data is being collected, it cannot be retrieved until things thaw in the spring. Once we're able to collect the data, we can go back and amend this DMR to include the actual data.

Attachments
No attachments

Report Last Saved By
Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Weft
E-Mail: kweft@archcoal.com
Date/Time: 2021-01-20 10:25 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit:		CO0038776		Permittee:		Mountain Coal Co LLC		Facility:		WEST ELK MINE	
Major:		No		Permittee Address:		5174 Hwy 133 Somersel, CO 81434		Facility Location:		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature:		US172 Receiving Water (Ambient)		Discharge:		US172-A Instream Monitoring					
Report Dates & Status		Monitoring Period: From 12/01/20 to 12/31/20		DMR Due Date:		01/28/21		Status:		Not DMR Validated	
Considerations for Form Completion											
Principal Executive Officer				Title:				Telephone:			
First Name:											
Last Name:											
No Data Indicator (NOD)											
Form NOD:											
Code	Parameter Name	Monitoring Location	Season & Param. NOD	Sample Permit Req.	Quantity or Loading	Quantity or Concentration	Units	# of Ex. Frequency of Analysis	Sample Type		
00010	Temperature, water temp. centigrade	Z - Instream Monitoring	0	Value NOD	Quantity 1 Value 1 Quantity 2 Value 2 Units Quantity 1 Value 1 Quantity 2 Value 2	Quality or Concentration Quantity 1 Quantity 2	Units	Req Mon MX WK AV 5 - Frozen Conditions	Req Mon DAILY MX 5 - Frozen Conditions	04 - deg C	8999 - Continuous RC - Recorder (audio)

Submission Note
If a parameter row does not contain any values for the Sample no, 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
The water is frozen and, while the data is being collected, it cannot be retrieved it until things thaw in the spring. Once we're able to collect the data, we can go back and amend this DMR to include the actual data.

Attachments
No attachments.

Report Last Saved By
Mountain Coal Co LLC

User:
3WELTBOYS
Kathleen Welt
kwelt@archcoal.com
2021-01-20 10:25 (Time Zone: -07:00)

Date/Time:
2021-01-20 11:27 (Time Zone: -07:00)

Report Last Signed By
JWILCZEK
Jessica Wilczek
jwilczek@archsc.com
2021-01-20 11:27 (Time Zone: -07:00)

User:
JWILCZEK
Jessica Wilczek
jwilczek@archsc.com
2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit #: C00038776 Major: No		Permittee: Mountain Coal Co. LLC Permit Address: 5174 Hwy 133 Somerset, CO 81434		Facility: WEST ELK MINE Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature: 035 External Outfall		Discharge: 035-Q Quarterly Monitoring for 035A			
Report Dates & Status: From 10/01/20 to 12/31/20 Monitoring Period: From 10/01/20 to 12/31/20 Considerations for Form Completion:		DMR Due Date: 01/28/21		Status: NetDMR Validated	
Principal Executive Officer First Name: _____ Last Name: _____ No Data Indicator (NOD): ____		Title: _____		Telephone: _____	

Code	Parameter Name	Monitoring Location	Season	# Param. NODs	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type
					Sample	Permit Req. Value NODI	Quantity 1 Value 1	Quantity 2 Value 2	Quantity 3 Value 3	Units		
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		19 - ug/L	01/90 - Quarterly	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	01/90 - Quarterly	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	01/90 - Quarterly	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	01/90 - Quarterly	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	01/90 - Quarterly	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI	Req Mon 30DA AVG	C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Rec. Value NODI	Req Mon DAILY MX 28 - ug/L C - No Discharge	01/90 - Quarterly	GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Rec. Value NODI	Req Mon 30DA AVG C - No Discharge	01/90 - Quarterly	GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Rec. Value NODI	Req Mon 30DA AVG C - No Discharge	01/90 - Quarterly	GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Rec. Value NODI	Req Mon 30DA AVG C - No Discharge	01/90 - Quarterly	GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Rec. Value NODI	Req Mon 30DA AVG C - No Discharge	01/90 - Quarterly	GR - GRAB
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: 3WELTBOYS								
Name: Kathleen Weit								
E-Mail: kwei@archcoal.com								
Date/Time: 2021-01-20 10:17 (Time Zone: -07:00)								
Report Last Signed By								
User: JWILCZEK								
Name: Jessica Wilczek								
E-Mail: jwilczek@archsc.com								
Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)								

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Permittee Address:	Mountain Coal Co LLC		
Major:	No	Discharge:	032-A		
Permitted Feature:	032 External Outfall	Stormwater from Drainage Basins 43A and 43F to Sylvester Gulch	WEST ELK MINE		
Report Dates & Status	Monitoring Period: From 12/01/20 to 12/31/20		DNR Due Date:		01/28/21
Considerations for Form Completion		Status:		NetDMR Validated	

Principal Executive Officer		Title:		Telephone:	
First Name:					
Last Name:					
No Data Indicator (NOD)					
Form NOD:					

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Quantity or Concentration	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								Req Mon MINIMUM C - No Discharge					Req Mon MAXIMUM 12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								Req Mon 30DA AVG C - No Discharge					Req Mon DAILY MX 15 - mg/L	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								Req Mon 30DA AVG C - No Discharge					Req Mon DAILY MX 25 - mL/L	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD								Req Mon 30DA AVG C - No Discharge					Req Mon DAILY MX 28 - ug/L	01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD	0.58 30DA AVG							Req Mon DAILY MX 03 - MGD						01/30 - Monthly	IN - INSTANT

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:
3WELLTBOYS

Name:
Kathleen Well

E-Mail:
kwell@archcoal.com

Date/Time:
2021-01-20 10:48 (Time Zone: -07:00)

Report Last Signed By

User:
JMWLCZEK

Name:
Jessica Wilczek

E-Mail:
jwilczek@archnc.com

Date/Time:
2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	C00038776	Permittee Address:	Mountain Coal Co LLC		
Major:	No	Discharge:	5174 Hwy 133 Someset, CO 81434		
Permitted Feature:	032 External Outfall	032-Q Quarterly Monitoring for 032A	WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434		
Report Dates & Status		Monitoring Period:		Status:	
Monitoring Period: From 10/01/20 to 12/31/20		DMR Due Date: 01/28/21		NeDMR Validated	
Considerations for Form Completion					
Principal Executive Officer		Title:		Telephone:	
First Name:					
Last Name:					
No Data Indicator (NOD)					
Form NOD:					

Code	Parameter Name	Monitoring Location	Season & Param. NOD	Sample Permit Req. Value NOD	Quantity of Loading Quarter 1 Value 1 Quarter 2 Value 2 Units	Quantity of Concentration Quarter 1 Value 1 Quarter 2 Value 2 Quarter 3 Value 3 Units	# of Dis. Frequency of Analysis Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	Sample Permit Req. Value NOD	300.0 Req Mon 30DA AVG	28 - ug/L 19 - mg/L 19 - mg/L	0180 - Quarterly GR - GRAB GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD	14.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	Sample Permit Req. Value NOD	40.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD	15.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD	9.9 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD	40.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NOD	9.5 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01305	Copper, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NOD	15.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NOD	6.9 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NOD	390.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NOD	5.4 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NOD	25.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NOD	14.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0180 - Quarterly GR - GRAB GR - GRAB

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Mountain Coal Co LLC		WEST ELK MINE	
Major:	No	5174 Hwy 133 Somerse, CO 81434		HWY 133 E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature:		Discharge:			
030 External Outfall		030-A Stormwater from Drainage Basins 46B1 and 46B2 to Sylvester Gulch			
Report Dates & Status		DMR Due Date:		Status:	
Monitoring Period: From 12/01/20 to 12/31/20		01/28/21		NetDMR Validated	
Considerations for Form Completion					
Principal Executive Officer		Title:			
First Name:		Telephone:			
Last Name:					
No Data Indicator (NOD)					
Form NOD:					

Code	Parameter Name	Monitoring Location Season & Param. NOD	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type
			Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3		
00400	pH	1 - Effluent Gross	0							GR - GRAB
			Sample Permit Req. Value NODI		Req Mon MINIMUM C - No Discharge		Req Mon MAXIMUM 12 - 5U		01/30 - Monthly	
00530	Solids, total suspended	1 - Effluent Gross	0							GR - GRAB
			Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 19 - mg/L		01/30 - Monthly	
00545	Solids, settleable	1 - Effluent Gross	0							GR - GRAB
			Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 25 - mL		01/30 - Monthly	
00980	Iron, total recoverable	1 - Effluent Gross	0							GR - GRAB
			Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 28 - ug/L		01/30 - Monthly	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0							IN - INSTAN
			Sample Permit Req. Value NODI		0.07 30DA AVG C - No Discharge		03 - MGD		01/30 - Monthly	

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: 3WELTBOYS

Name: Kathleen Welt

E-Mail: kwelt@arcticoal.com

Date/Time: 2021-01-20 10:47 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@arcticoal.com

Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit #:		C00038776		Permittee:		Mountain Coal Co LLC		Facility:		WEST ELK MINE					
Major:		No		Permittee Address:		5174 Hwy 133 Someset, CO 81434		Facility Location:		Hwy 133, E OF TOWN GUNNISON COUNTY, CO 81434					
Permitted Feature:		030 External Outfall		Discharge:		030-Q Quarterly Monitoring for 030A									
Report Dates & Status				Monitoring Period:		From 10/01/20 to 12/31/20		DMR Due Date:		01/28/21					
Considerations for Form Completion				Status:		NotDMR Validated									
Principal Executive Officer				First Name:		Title:		Telephone:							
Last Name:				No Data Indicator (NOD)											
Form NOD:				-											
Code		Parameter Name		Monitoring Location Season # Param. NOD		Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis Sample Type					
						Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2		Qualifier 3 Value 3		Units					
00940		Chloride [as Cl]		1 - Effluent Gross 0		Sample Permit Req. Value NOD		250.0		19 - ug/L 0		01/90 - Quarterly GR - GRAB			
00978		Arsenic, total recoverable		1 - Effluent Gross 0		Sample Permit Req. Value NOD		1.8		28 - ug/L 0		01/90 - Quarterly GR - GRAB			
01056		Manganese, dissolved [as Mn]		1 - Effluent Gross 0		Sample Permit Req. Value NOD		22.0		28 - ug/L 0		01/90 - Quarterly GR - GRAB			
01074		Nickel, total recoverable		1 - Effluent Gross 0		Sample Permit Req. Value NOD		2.1		28 - ug/L 0		01/90 - Quarterly GR - GRAB			
01114		Lead, total recoverable		1 - Effluent Gross 0		Sample Permit Req. Value NOD		2.1		2.4		28 - ug/L 0		01/90 - Quarterly GR - GRAB	
01118		Chromium, total recoverable		1 - Effluent Gross 0		Sample Permit Req. Value NOD		2.1		2.1		28 - ug/L 0		01/90 - Quarterly GR - GRAB	
01303		Zinc, potentially dissolved		1 - Effluent Gross 0		Sample Permit Req. Value NOD		13.0		13.0		28 - ug/L 0		01/90 - Quarterly GR - GRAB	
01306		Copper, potentially dissolved		1 - Effluent Gross 0		Sample Permit Req. Value NOD		1.7		1.7		28 - ug/L 0		01/90 - Quarterly GR - GRAB	
01314		Chromium, trivalent, potentially dissolved		1 - Effluent Gross 0		Sample Permit Req. Value NOD		3.0		3.0		28 - ug/L 0		01/90 - Quarterly GR - GRAB	
01318		Lead, potentially dissolved		1 - Effluent Gross 0		Sample Permit Req. Value NOD		1.7		1.7		28 - ug/L 0		01/90 - Quarterly GR - GRAB	
01319		Manganese, potentially dissolved		1 - Effluent Gross 0		Sample Permit Req. Value NOD		90.0		90.0		28 - ug/L 0		01/90 - Quarterly GR - GRAB	
01322		Nickel, potentially dissolved		1 - Effluent Gross 0		Sample Permit Req. Value NOD		1.3		1.3		28 - ug/L 0		01/90 - Quarterly GR - GRAB	
01323		Selenium, potentially dissolved		1 - Effluent Gross 0		Sample Permit Req. Value NOD		1.1		1.1		28 - ug/L 0		01/90 - Quarterly GR - GRAB	

04282	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--						<		20.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01990 - Quarterly 01990 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--						<	0.2 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0		01990 - Quarterly 01990 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--						<	0.05 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0		01990 - Quarterly 01990 - Quarterly	GR - GRAB (GR - GRAB)
81020	Sulfate	1 - Effluent Gross	0	--						=	41.0 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0		01990 - Quarterly 01990 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--						=	0.62 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0		01990 - Quarterly 01990 - Quarterly	GR - GRAB GR - GRAB
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 <i>No errors.</i>																
Comments																
Attachments <i>No attachments</i>																
Report Last Saved By Mountain Coal Co LLC																
User: Name: Kathleen Weit E-Mail: kweit@archcoal.com Date/Time: 2021-01-20 09:33 (Time Zone: -07:00)																
Report Last Signed By																
User: Name: Jessica Wilczek E-Mail: jwilczek@archrsc.com Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)																

DMR Copy of Record

Permit #:	C00038776	Permittee:	Mountain Coal Co LLC
Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434
Permitted Feature:	034 External Outfall	Discharge:	034-Q Quarterly Monitoring for 034A
Report Dates & Status			
Monitoring Period:	From 10/01/20 to 12/31/20	DWR Due Date:	01/28/21
Considerations for Form Completion		Status:	NedDMR Validated
Principal Executive Officer		Title:	
First Name:		Telephone:	
Last Name:			
No Data Indicator (NOD)			
Form NOD:	--		
Code	Parameter Name	Monitoring Location	Season & Param. (NOD)
		Sample Permit Req.	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2
00940	Chloride [as Cl]	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quality or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	3.1 Req Mon 30DA AVG
		Sample Permit Req.	Units 19 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	19 - ug/L 0 0190 - Quarterly GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	0.65 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	2.0 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	1.1 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	3.0 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	3.0 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	13.0 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	2.0 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	3.0 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	0.49 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	18.0 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	0.29 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross 0	= Value NOD
		Sample Permit Req.	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2
		Req Mon 30DA AVG	5.0 Req Mon 30DA AVG
		Sample Permit Req.	Units 28 - ug/L 0190 - Quarterly GR - GRAB
		Req Mon 30DA AVG	28 - ug/L 0 0190 - Quarterly GR - GRAB

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	28 - ug/L	01/30 - Quarterly	GR - GRAB
50266	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	28 - ug/L	01/30 - Quarterly	GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	19 - mg/L	01/30 - Quarterly	GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	19 - mg/L	01/30 - Quarterly	GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	19 - mg/L	01/30 - Quarterly	GR - GRAB
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: 3WELTBOYS								
Name: Kathleen Welt								
E-Mail: kwelt@archcoal.com								
Date/Time: 2021-01-20 10:16 (Time Zone: -07:00)								
Report Last Signed By								
User: JWILCZEK								
Name: Jessica Wilczek								
E-Mail: jwilczek@archcoal.com								
Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)								

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:

035
External Outfall

Discharge:

035-A
Stormwater Runoff from Train Loadout Area to N. Fork of Gunnison River

Report Dates & Status

Monitoring Period: From 12/01/20 to 12/31/20

DMR Due Date: 01/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: | Title:
Last Name: |

Telephone:

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season of Perm. NOD	Qualifier 1		Qualifier 2		Qualifier 1		Qualifier 2		Qualifier 3		# of Ex. Frequency of Analysis	Sample Type
				Sample Permit Req. Value NOD	Value 1	Sample Permit Req. Value NOD	Value 2	Value 1	Value 2	Value 1	Value 2	Value 3	Units		
00400	pH	1 - Effluent Gross	0	-										Req Mon MAXIMUM 12 - SU C - No Discharge	01/30 - Monthly GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-										Req Mon 300A AVG C - No Discharge	01/30 - Monthly GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-										Req Mon 300A AVG C - No Discharge	01/30 - Monthly GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-										Req Mon DAILY MX 03 - MGD C - No Discharge	01/30 - Monthly IN - INSTAN

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:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@arcohcoal.com

Date/Time:

2021-01-20 10:17 (Time Zone: -07:00)

Report Last Signed By

User:

JMILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@arcohsc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #: CO0008776	No	Permittee Address:		Mountain Coal Co LLC	
Major:		5174 Hwy 133 Somerse, CO 81434		WEST ELK MINE HWY 133 E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature:		Discharge:			
033 Internal Outfall		033-A Stormwater from Drainage Basin 43D and 43E			
Report Dates & Status		DMR Due Date:		Status:	
Monitoring Period: From 12/01/20 to 12/31/20		01/28/21		NotDMR Validated	
Considerations for Form Completion					

Principal Executive Officer		Title:		Telephone:	
First Name:					
Last Name:					
No Data Indicator (NOD)					
Form NOD:					

Code	Parameter Name	Monitoring Location	Season	Param. NOD	Sample Permit Req. Value NOD	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality or Concentration	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD												Req Mon MINIMUM C - No Discharge				01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD												Req Mon 300A AVG C - No Discharge				01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD												Req Mon 300A AVG C - No Discharge				01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD												Req Mon 300A AVG C - No Discharge				01/30 - Monthly	GR - GRAB
50950	Flow, in control or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. <= Value NOD		0.54 300A AVG										Req Mon DAILY MX C - No Discharge				01/30 - Monthly	IN - INSTAN

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: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-01-20 10:55 (Time Zone: -07:00)

Report Last Signed By
User: JMWLCZEK
Name: Jessica Wlczek
E-Mail: jwlczek@archrc.com
Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit	Permit #: C00038776	Permittee: Mountain Coal Co LLC	Facility: WEST ELK MINE
Major: No	Permittee Address: 5174 Hwy 133 Somerseil, CO 81434	Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature: 034 External Outfall	Discharge: 034-A Comingled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch		
Report Dates & Status	Monitoring Period: From 12/01/20 to 12/31/20	DMR Due Date: 01/28/21	Status: Not DMR Validated
Considerations for Form Completion			
Principal Executive Officer			
First Name:	Title:		Telephone:
Last Name:			
No Data Indicator (NOD)			

Code	Parameter Name	Monitoring Location	Season	# Param. NOD	Sample		Quantity or Loading		Quantity or Concentration		# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1		
00400	pH	1 - Effluent Gross	0		Sample Permit Req. Value NOD							GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NOD							GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Sample Permit Req. Value NOD	0.39 30DA AVG	Req Mon DAILY MX	03 - MGD				GR - INSTAN
						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: U/Ls, Number of Excursions, Frequency of Analysis, and Sample Type.

Exit Check Errors
No errors.

Comments
NO DISCHARGE

Attachments
No attachments

Report Last Saved By
Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwel@arcoal.com
Date/Time: 2021-01-20 10:55 (Time Zone: -07:00)

Report Last Signed By
User: JMWLCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@arcoal.com
Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Permittee Address:	Mountain Coal Co LLC 5174 Hwy 133 Someset, CO 81434		
Major:	No	Discharge:	009-W Acute WET Testing for 009A		
Permitted Feature:		Status:			
009 External Outfall		01/28/21 Not DMR Validated			
Report Dates & Status		Monitoring Period:			
From 10/01/20 to 12/31/20		DMR Due Date: 01/28/21			
Considerations for Form Completion SEE ID.1, PP. 32-35, FOR DETAILS OF TEST 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		Title:			
First Name:		Telephone:			
Last Name:					
No Data Indicator (NOD)					
Form NOD:					

Coda	Parameter Name	Monitoring Location	Season	# Param. NOD	Sample Permit Req. Value NOD	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	# of Ex. Frequency of Analysis	Sample Type	
TAMC	LC50 State Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	>=	100.0 MN VALUE C - No Discharge	23 - %	01/90 - Quarterly	GR - GRAB
TANBC	LC90 State 96Hr Acute Pinephalea	1 - Effluent Gross	0	-	Sample Permit Req. Value NOD	>=	100.0 MN VALUE C - No Discharge	23 - %	01/90 - Quarterly	GR - GRAB

Submission Note
If a parameter row does not contain any values for the Sample not 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: 3WELTBOYS
Name: Kathleen Well
E-Mail: kwell@archcoal.com

Date/Time: 2021-01-20 10:30 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com

Date/Time: 2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit #:		C00038776		Permittee:		Mountain Coal Co LLC		Facility:		WEST ELK MINE															
Major:		No		Permittee Address:		5774 Hwy 133 Someset, CO 81434		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		From 12/01/20 to 12/31/20		DMR Due Date:		01/28/21		Status:		NEEDMR 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				Title:				Telephone:																	
First Name:																									
Last Name:																									
No Data Indicator (NOD)		--																							
Form NOD:																									
Code		Parameter Name		Monitoring Location		Season #Param, NOD1		Sample Permit Req. Value NOD1		Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analyze		Sample Type									
00010		Temperature, water deg. centigrade		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		9999 - Continuous		RC - Recorder (Auto)	
00094		Conductivity		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month GR - GRAB			
00400		pH		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0107 - Weekly		GR - GRAB	
00440		Bicarbonate Ion- [as HCO3]		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month GR - GRAB			
00530		Solids, total suspended		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0120 - Monthly		GR - GRAB	
00918		Calcium, total recoverable		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month GR - GRAB			
00921		Magnesium, total recoverable		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month GR - GRAB			
00923		Sodium, total recoverable		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month GR - GRAB			
00931		Sodium adsorption ratio		EG - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month CA - CALCTD			
00931		Sodium adsorption ratio		P - See Comments		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month CA - CALCTD			
00940		Chloride [as Cl]		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month GR - GRAB			
00978		Arsenic, total recoverable		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0220 - Twice Per Month GR - GRAB			
00980		Iron, total recoverable		1 - Effluent Gross		0		Sample Permit Req. Value NOD1		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 1 Value 1		Qualifier 2 Value 2		Qualifier 3 Value 3		Units		0130 - Monthly		GR - GRAB	

[illegible]

82057	Baron, total	1 - Effluent Gross	0	Value NODI	C - No Discharge	07007 - Weekly	VI - VISUAL
84068	Oil and grease visual	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon INET MAX AB - abs=0-pat=1 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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELLTBOYS

Kathleen Welt

kwelt@archcoal.com

2024-01-20 10:30 (Time Zone: -07:00)

JMWLCZEK

Jessica Wlczek

jwlczek@archsc.com

2024-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit: Permit #: CO0038776 Major: No		Permittee: Permittee Address: Mountain Coal Co. LLC 5174 Hwy 133 Somerset, CO 81434		Facility: Facility Location: WEST ELIX MINE HWY 133 E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature: 009 External Outfall		Discharge: 009-AA Subsoil Stockpile Runoff (MB-5)			
Report Dates & Status Monitoring Period: From 12/01/20 to 12/31/20 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.		DMR Due Date: 01/28/21		Status: NEDMR Validated	
Principal Executive Officer First Name: Last Name: No Data Indicator (NOD)		Title: 		Telephone: 	

Code	Parameter Name	Monitoring Location	Season # Param. NOD	Sample Permit Req. Value NOD	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality or Concentration Qualifier 3	Value 3	Units	# of Ex. Frequency of Analyte Sample Type
00094	Conductivity	1 - Effluent Gross	0	--										Req Mon 30DA AVG C - No Discharge		7B - dS/m	0230 - Twice Per Month GR - GRAB
00400	pH	1 - Effluent Gross	0	--						6.5 MINIMUM C - No Discharge				9.0 MAXIMUM C - No Discharge		12 - SU	0130 - Monthly GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	--						Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge		19 - mg/L	0230 - Twice Per Month GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--						35.0 30DA AVG C - No Discharge				70.0 DAILY MX C - No Discharge		19 - mg/L	0130 - Monthly GR - GRAB
00640	Nitrogen, inorganic total	1 - Effluent Gross	0	--						652.0 DAILY MX C - No Discharge						19 - mg/L	0230 - Twice Per Month GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	--						Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge		19 - mg/L	0230 - Twice Per Month GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--						Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge		19 - mg/L	0230 - Twice Per Month GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	--						Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge		19 - mg/L	0230 - Twice Per Month GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--						Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge		1U - Ratio	0230 - Twice Per Month CA - CALCTD
00931	Sodium adsorption ratio	P - Sea Comments	0	--						Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge		1U - Ratio	0230 - Twice Per Month CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	--						Req Mon 30DA AVG C - No Discharge						19 - mg/L	0230 - Twice Per Month GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--						Req Mon 30DA AVG C - No Discharge						29 - mg/L	0230 - Twice Per Month GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--						3000.0 30DA AVG C - No Discharge				6000.0 DAILY MX C - No Discharge		29 - mg/L	0130 - Monthly GR - GRAB

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	3237.0 30DA AVG C - No Discharge	28 - ug/L	0230 - 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	0230 - 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	0230 - 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	0230 - 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	28 - ug/L	0230 - 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	28 - ug/L	0230 - 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	28 - ug/L	0230 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01223	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
03592	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	10.0 INST MAX C - No Discharge	19 - mg/L	7777 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.23 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	0130 - Monthly IN - INSTAN
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.5 INST MAX C - No Discharge	19 - mg/L	0130 - Monthly GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	2000.0 30DA GM C - No Discharge	13 - #/100mL	0230 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB

82057	Baron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
84068	Oil and grease Visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NOOI		Req Mon INST MAX AB - abel-Oprie1 C - No Discharge	01/30 - Monthly	VI - VISUAL

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: Uits, 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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JWILCZEK
Jessica Wilczek
jwilczek@arctrac.com
2021-01-20 11:27 (Time Zone: -07:00)

3MELTBOYS
Kathleen Welt
kwelt@arctrac.com
2021-01-20 09:50 (Time Zone: -07:00)

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:	009 External Outfall	Discharge:	009-Q Quarterny Monitoring for 009A		
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					
Quarterly monitoring - see Appendix B, #35, pg 64.					
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NOD)					
Form NOD:					
Code	Parameter Name	Monitoring Location	Season #	Param. NOD	
70285	Solids, total dissolved	1 - Effluent Cross	C		
		Sample Permit Rec.	Value NOD		
		Quantity or Loading	Qualifier 1	Value 1	Qualifier 2
		Qualifier 2	Value 2	Qualifier 3	Value 3
		Units	\$ of Ex.	Frequency of Analysis	Sample Type
		Req Mon ORTR AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L
		C - No Discharge			0190 - Quarterly
					GR - GRAB

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:

Report Last

User:

Name: _____

E-Mail:

E-Mail.

Date/Time:

100 90 80 70 60 50 40 30 20 10

30 60 90 120 150 180 210 240 270 300

100 90 80 70 60 50 40 30 20 10

30 60 90 120 150 180 210 240 270 300

DMR Copy of Record

Permit Permit #: CO0038776 Major: No		Permittee: Permittee Address: Mountain Coal Co LLC 5174 Hwy 133 Somerset, CO 81434		Facility: Facility Location: WEST ELK MINE 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 10/01/20 to 12/31/20 Considerations for Form Completion Quarterly monitoring - see Appendix B, #35, pg 64. Principal Executive Officer		DMR Due Date: 01/28/21		Status: Not DMR Validated																																		
First Name: _____ Last Name: _____ Title: _____ Telephone: _____																																						
Form NOD: No Data Indicator (NOD)																																						
<table border="1"> <thead> <tr> <th rowspan="2">Code</th> <th rowspan="2">Parameter Name</th> <th rowspan="2">Monitoring Location</th> <th rowspan="2">Reason #</th> <th rowspan="2">Param. NOD</th> <th colspan="3">Quantity or Loading</th> <th colspan="3">Quality or Concentration</th> <th rowspan="2"># of Ex. Frequency of Analysis</th> <th rowspan="2">Sample Type</th> </tr> <tr> <th>Qualifier 1 Value 1</th> <th>Qualifier 2 Value 2</th> <th>Units</th> <th>Qualifier 1 Value 1</th> <th>Qualifier 2 Value 2</th> <th>Value 3</th> </tr> </thead> <tbody> <tr> <td>70295</td> <td>Solids, total dissolved</td> <td>1 - Effluent Cross</td> <td>C</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						Code	Parameter Name	Monitoring Location	Reason #	Param. NOD	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type	Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Value 3	70295	Solids, total dissolved	1 - Effluent Cross	C										
Code	Parameter Name	Monitoring Location	Reason #	Param. NOD	Quantity or Loading						Quality or Concentration			# of Ex. Frequency of Analysis	Sample Type																							
					Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Value 3																												
70295	Solids, total dissolved	1 - Effluent Cross	C																																			

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:
 3WELTBOYS

Name:
 Kathleen Weil

E-Mail:
 kweil@archcoal.com

Date/Time:
 2021-01-20 10:31 (Time Zone: -07:00)

Report Last Signed By

User:
 JMWLCZEK

Name:
 Jessica Wilczak

E-Mail:
 jwilczak@archsc.com

Date/Time:
 2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit Permit #: CO0038776 Major: No		Permittee: Permittee Address: Mountain Coal Co LLC 5174 Hwy 133 Somerset, CO 81434		Facility: Facility Location: WEST ELK MINE 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 10/01/20 to 12/31/20		DMR Due Date: 01/28/21		Status: NetDMR Validated	
Considerations for Form Completion SEE ID.1, PP. 32,PG 32-34 FOR DETAILS OF PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND A TACH ACUTE TOXICITY TEST REPORT FORM TO DMR.					
Principal Executive Officer First Name: _____ Last Name: _____		Title: _____		Telephone: _____	
No Data Indicator (NOD) Form NOD: _____					

Code	Parameter Name	Monitoring Location Season & Param. NOD	Quantity or Loading			Quantity or Concentration			# of Ex.	Frequency of Analysis	Sample Type
			Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	--	--	100.0 MN VALUE	23 - %	0150 - Quarterly	G3 - GRAB-3	
TAN6C	LC50 Static 96Hr Acute Pimephales	1 - Effluent Gross	0	--	--	--	100.0 MN VALUE	23 - %	0150 - Quarterly	G3 - GRAB-3	

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:
 3WELTBOYS

Name:
 Kathleen Weil

E-Mail:
 kweil@archpool.com

Date/Time:
 2021-01-20 10:32 (Time Zone -07:00)

Report Last Signed By

User:
 JMWLCZEK

Name:
 Jessica Wilczak

E-Mail:
 jwilczak@archnsc.com

Date/Time:
 2021-01-20 11:27 (Time Zone -07:00)

DMR Copy of Record

Permit

Permit #: **CO0038776**
Major: **No**

Permittee:
Permittee Address:
Mountain Coal Co LLC
5174 Hwy 133
Someset, CO 81434

Facility:
Facility Location:
WEST ELK MINE
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 10/01/20 to 12/31/20**

DMR Due Date:

01/28/21

Status:

NotDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Baseline & Perm. NOD	Quantity or Loading				Quantity or Concentration		Units	# of Ex. Frequency of Analysis	Sample Type
				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
70295	Solids, total dissolved	1 - Effluent Gross	3									
				Sample Permit Req.				Req Mon QTR AVG				
				Value NOD				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:

3WELTBOYS

Name:

Kathleen Weil

E-Mail:

kweil@archcoal.com

Date/Time:

2021-01-20 10:31 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit Permit #: CO0038776 Major: No Permitted Feature: 012 External Outfall Report Dates & Status: From 12/01/20 to 12/31/20 Monitoring Period: From 12/01/20 to 12/31/20 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: _____ No Data Indicator (NODI): _____ Form NODI: _____										Permittee: Mountain Coal Co LLC Permittee Address: 5174 Hwy 139, Somerset, CO 81434 Facility: WEST ELK MINE Facility Location: HWY 139, E OF TOWN, GUNNISON COUNTY, CO 81434 Discharge: 012-AA Mine Water to Minnesota Creek DMR Due Date: 01/28/21 Status: NetDMR Validated										Title: _____ Telephone: _____									
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Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req.		Quantity or Loading		Units		Quantity or Concentration		Units	# of Ex.	Frequency of Analysis	Sample Type		
					1	Value 1	2	Value 2	1	Value 1	2	Value 2					3	Value 3
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	-	Sample Permit Req.	Value NODI									9899 - Continuous	RC -Recorder (Auto)		
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req.	Value NODI					6.5 MINIMUM				9.0 MAXIMUM	12 - SU	01/30 - Weekly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req.	Value NODI					35.0 30DA AVG				70.0 DAILY MX	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	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	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	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	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	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	28 - ug/L	02/30 - Twice Per Month	GR - GRAB

Value NODI		C - No Discharge		02/30 - Twice Per Month		GR - GRAB	
01114	Lead, total recoverable	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	Req Mon 30DA AVG	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	Req Mon 30DA AVG	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	Req Mon 30DA AVG	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	Req Mon 30DA AVG	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	Req Mon 30DA AVG	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
03592	Oil and grease	1 - Effluent Gross	0	10.0 INST MAX	C - No Discharge	7/7/77 - Confluent	GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Req Mon DAILY MX 03 - MGD	C - No Discharge	01/30 - Monthly	IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	Req Mon 30DA AVG	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
						02/30 - Twice Per	

51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	Month	GR - GRAB
51484	Number of Events	1 - Effluent Gross	0	Sample Permit Req. Value NODI	< 10.0 30DA AVG C - No Discharge	5J - #	01/30 - Monthly	CA - CALCTD
81020	Sulfate	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/20 - Twice Per Month	GR - GRAB
81381	Duration of discharge	1 - Effluent Gross	0	Sample Permit Req. Value NODI	< 3.0 7 DA AVG C - No Discharge	5A - d	01/07 - Weekly	CA - CALCTD
82057	Boron, total	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/20 - Twice Per Month	GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 1HST MAX C - No Discharge	AB - abst-q-grp=1	01/07 - Weekly	VI - VISUAL

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:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@arctcoal.com

Date/Time:

2021-01-20 10:41 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@arctcsc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permittee:
Permittee Address:

Mountain Coal Co LLC
5174 Hwy 133
Sorrersel, CO 81434

Facility:
Facility Location:

WEST ELK MINE
HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

005
External Outfall

Discharge:

005-M
Acute WET Testing for 005A

Report Dates & Status

Monitoring Period: From 10/01/20 to 12/31/20

DMR Due Date:

01/28/21

Status:

Not DMR Validated

Considerations for Form Completion

SEE ID.1, PP. 32-35, FOR DETAILS OF TEST 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:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season # Param. NODI	Sample Permit Fee Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	Value 1	Quantity or Concentration Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Value 3	# of Ex. Frequency of Analysis Sample Type
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Cross	0		Req Mon MIN VALUE C - No Discharge			23 - % 019C - Quarterly GR - GRAB
TAM6C	LC50 Static 96Hr Acute Pimephales	1 - Effluent Cross	0		Req Mon MIN VALUE C - No Discharge			23 - % 019C - Quarterly GR - GRAB

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:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2021-01-20 09:49 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczak

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -07:00)

01046 Iron, dissolved [as Fe]

LMTT 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.																			
Permittee: Permittee Address:					Mountain Coal Co LLC 5174 Hwy 133 Somerset, CO 81434					Facility: Facility Location:					WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434				
Discharge:					005-AA Coal Conveyor Runoff (MB-3)														
DMR Due Date:					01/26/21					Status:					NeDMR Validated				
Title:					Telephone:														
NOI																			
Qualifier 1		Value 1	Quantity or Loading Qualifier 2		Value 2	Qualifier 1	Value 1	Quality or Concentration Qualifier 2		Value 2	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge					78 - dS/m	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI							6.5 MINIMUM C - No Discharge					8.0 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								35.0 30DA AVG C - No Discharge				70.0 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB				
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Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
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Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI								Req Mon 30DA AVG C - No Discharge				Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB				
Sample Permit Req- Value NOI																			

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	-	Value NODI Sample Permit Req. Value NODI	C - No Discharge 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	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 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	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	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
01316	Lead, potentially dissolved	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
01319	Manganese, potentially dissolved	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
01322	Nickel, potentially dissolved	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
01323	Selenium, potentially dissolved	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
03582	Oil and grease	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	10.0 INST MAX C - No Discharge	19 - mg/L	7/1/77 - Contingent GR - GRAB
04262	Chromium, trivalent 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
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	0.04 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	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
51202	Sulfide-hydrogen sulfide [undissociated]	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
61020	Sulfate	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
82057	Boron, total	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
84066	Oil and grease visual	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	Req Mon INST MAX C - No Discharge	01/30 - Monthly VI - VISUAL	

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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwelt@archcoal.com

2021-01-20 09:48 (Time Zone: -07:00)

JMWLCZEK

Jessica Wilczek

jwilczek@archsc.com

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: **CO0038776**
Major: **No**

Permittee:
Permittee Address:

Mountain Coal Co LLC
5174 Hwy 133
Someset, CO 81434

Facility:
Facility Location:

WEST ELK MINE
Hwy 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Features:

008
External Outfall

Discharge:

008-Q
Quarterly Monitoring for 008A

Report Dates & Status

Monitoring Period: From 10/01/20 to 12/31/20

DMR Due Date:

01/23/21

Status:

Not DMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Title:

Last Name:

Telephone:

No Data Indicator (NOD)

Form NOD:

Code	Parameter Name	Monitoring Location	Season #	Param. NOD
------	----------------	---------------------	----------	------------

Sample	Permit Req.	Value NOD	Req Mon CRTX AVG	Req Mon DAILY MX	01/30 - Quarterly	GR - GRAB
70295 Solids, total dissolved	1 - Effluent Gross	C	C - No Discharge	C - No Discharge	19 - mg/L	

Submission Note

If a parameter row does not contain any values for the Sample no 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:

3WELTBOYS

Name:

Kathleen Well

E-Mail:

kwell@archcoal.com

Date/Time:

2021-01-20 08:49 (Time Zone: -7:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -7:00)

DMR Copy of Record

Permit		Permittee:		Facility:																																							
Permit #:	C00038776	Permittee Address:	Mountain Coal Co LLC 5174 Hwy 133 Somerset, CO 81434	WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434																																							
Major:	No	Discharge:	008-W Acute WET Tasting for 008A																																								
Permitted Feature:		Report Dates & Status		Status:																																							
008 External Outfall		From 10/01/20 to 12/31/20		NeedDMR Validated																																							
Monitoring Period:		DMR Due Date:		Monitoring Period:																																							
From 10/01/20 to 12/31/20		01/28/21		SEE ID 1, PP. 32-35, FOR DETAILS OF TEST 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		Title:		Telephone:																																							
First Name:																																											
Last Name:																																											
No Data Indicator (NOD)																																											
Form NOD:																																											
<table border="1"> <thead> <tr> <th>Code</th> <th>Parameter Name</th> <th>Monitoring Location</th> <th>Season</th> <th>Param. NOD</th> <th>Quantity or Loading</th> <th>Quality or Concentration</th> <th># of Ex. Frequency of Analysis</th> <th>Sample Type</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Qualifier 1 Value 1</th> <th>Qualifier 2 Value 2</th> <th>Qualifier 3 Value 3</th> <th></th> </tr> </thead> <tbody> <tr> <td>TAM6C</td> <td>LC50 State Renewal 48hr Acute Daphnia magna</td> <td>1 - Effluent Gross</td> <td>0</td> <td></td> <td>Sample Permit Req. Value NOD</td> <td>Req Mon MN VALUE C - No Discharge</td> <td>23 - %</td> <td>0/100 - Quarterly</td> <td>GR - GRAB</td> </tr> <tr> <td>TAN6C</td> <td>LC50 State 96hr Acute Pinephales</td> <td>1 - Effluent Gross</td> <td>0</td> <td></td> <td>Sample Permit Req. Value NOD</td> <td>Req Mon MN VALUE C - No Discharge</td> <td>23 - %</td> <td>0/100 - Quarterly</td> <td>GR - GRAB</td> </tr> </tbody> </table>						Code	Parameter Name	Monitoring Location	Season	Param. NOD	Quantity or Loading	Quality or Concentration	# of Ex. Frequency of Analysis	Sample Type						Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3		TAM6C	LC50 State Renewal 48hr Acute Daphnia magna	1 - Effluent Gross	0		Sample Permit Req. Value NOD	Req Mon MN VALUE C - No Discharge	23 - %	0/100 - Quarterly	GR - GRAB	TAN6C	LC50 State 96hr Acute Pinephales	1 - Effluent Gross	0		Sample Permit Req. Value NOD	Req Mon MN VALUE C - No Discharge	23 - %	0/100 - Quarterly	GR - GRAB
Code	Parameter Name	Monitoring Location	Season	Param. NOD	Quantity or Loading	Quality or Concentration	# of Ex. Frequency of Analysis	Sample Type																																			
					Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3																																				
TAM6C	LC50 State Renewal 48hr Acute Daphnia magna	1 - Effluent Gross	0		Sample Permit Req. Value NOD	Req Mon MN VALUE C - No Discharge	23 - %	0/100 - Quarterly	GR - GRAB																																		
TAN6C	LC50 State 96hr Acute Pinephales	1 - Effluent Gross	0		Sample Permit Req. Value NOD	Req Mon MN VALUE C - No Discharge	23 - %	0/100 - Quarterly	GR - GRAB																																		
Submission Note																																											
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Name:																																											
Kathleen Weil																																											
E-Mail:																																											
kweil@archcoal.com																																											
Date/Time:																																											
2021-01-20 09:50 (Time Zone: -07:00)																																											
Report Last Signed By																																											
JWILCZEK																																											
User:																																											
Jessica Wilczek																																											
Name:																																											
jwilczek@archsc.com																																											
E-Mail:																																											
2021-01-20 11:27 (Time Zone: -07:00)																																											
Date/Time:																																											

DMR Copy of Record

Permit

Permit #: C00038776
Major: No

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Someset, 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 WWT/P Polishing Pond

Report Dates & Status

Monitoring Period: From 12/01/20 to 12/31/20

DMR Due Date: 01/28/21

Status:

NetDMR Validated

Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NOD)

Code	Parameter Name	Monitoring Location	Season & Param. NOD	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
				Qualifier 1	Value 1	Qualifier 2	Value 2			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	Sample	=	0.22835	=	0.22835	26 - Bld	GR - GROB
				Permit Req.	<=	5.0 30DA AVG	Req Mon DAILY MX 26 - Bld	<=	4.0	19 - mPL
				Value NOD1					30.0 30DA AVG <=	07120 - Monthly
00530	Solids, total suspended	1 - Effluent Gross	0	Sample	=	1.0858	=	4.11	26 - Bld	GR - GROB
				Permit Req.	<=	120 30DA AVG	Req Mon DAILY MX 26 - Bld	<=	19.02	07107 - Weekly
				Value NOD1					75.0 30DA AVG <=	07107 - Weekly
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	0	Sample	=	0.00565	=	0.0128	03 - MGD	GR - GROB
				Permit Req.	<=	0.02 30DA AVG	Req Mon DAILY MX 03 - MGD	<=	0.05	19 - mPL
				Value NOD1					85.0 30DA AVG <=	07120 - Monthly
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Sample	=	0.00565	=	0.0128	03 - MGD	GR - GROB
				Permit Req.	<=	0.02 30DA AVG	Req Mon DAILY MX 03 - MGD	<=	0.05	19 - mPL
				Value NOD1					85.0 30DA AVG <=	07120 - Monthly

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:

3WELTBOYS

Name:

Kathleen Weit

E-Mail:

kweit@archcoal.com

Date/Time:

2021-01-19 08:49 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-01-20 11:27 (Time Zone: -07:00)

DMR Copy of Record

Permit #:		C00038776		Permittee:		Mountain Coal Co LLC		Facility:		WEST ELK MINE							
Major:		No		Permittee Address:		6174 Hwy 133 Someset, CO 81434		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		From 12/01/20 to 12/31/20		DMR Due Date:		01/28/21		Status:		NotDMR Validated							
Monitoring Period:		From 12/01/20 to 12/31/20															
Considerations for Form Completion		TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, A SETTLEABLE SOLIDS LIMIT APPLIED FOR <=101R, 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 MILO-EG, ADJUSTED SAR AT MILO-C-P.															
Principal Executive Officer		Title: Telephone:															
First Name:																	
Last Name:																	
No Data Indicator (NOD)																	
Form NOD:																	
Code	Parameter Name	Monitoring Location	Season & Param. NOD	Sample Permit Req. Value NOD	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Unit	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Unit	# of Ex. Frequency of Analyte Sample Type
00094	Conductivity	1 - Effluent Gross	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge							78 - dS/m	02/30 - Twice Per Month GR - GRAB
00400	pH	1 - Effluent Gross	0	Sample Permit Req. Value NOD			6.5 MINIMUM C - No Discharge							9.0 MAXIMUM C - No Discharge		12 - SU	01/30 - Monthly GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge					Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	Sample Permit Req. Value NOD			35.0 30DA AVG		C - No Discharge					70.0 DAILY MX		19 - mg/L	01/30 - Monthly GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge					Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge					Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge					Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge					Req Mon DAILY MX		1U - Ratio	02/30 - Twice Per Month CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge					Req Mon DAILY MX		1U - Ratio	02/30 - Twice Per Month CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge					Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD			Req Mon 30DA AVG		C - No Discharge					Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD			3000.0 30DA AVG		C - No Discharge					6000.0 DAILY MX		28 - ug/L	01/30 - Monthly GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	Sample Permit Req.			3257.0 30DA AVG									28 - ug/L	02/30 - Twice Per Month GR - GRAB

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge 10.0 INST MAX C - No Discharge	19 - mg/L	71777 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon DAILY MX 03 - MGD C - No Discharge	0130 - Monthly	IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
61020	Sulfate	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	Value NODI Sample Permit Req. Value NODI	C - No Discharge Req Mon INST MAX C - No Discharge	0130 - Monthly	VI - VISUAL

Submission Note

If a parameter row does not contain any values for the Sample not 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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwelt@arcticoal.com

2021-01-20 09:49 (Time Zone: -07:00)

JWILCZEK

Jessica Wilczek

jwilczek@arcticoal.com

2021-01-20 11:27 (Time Zone: -07:00)

