

DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature: UST2 Receiving Water (Ambient)

Report Dates & Status Monitoring Period: From 06/01/21 to 06/30/21

Considerations for Form Completion

Permittee: Mountain Coal Co LLC

Permittee Address: 5174 Hwy 133 Somerset, CO 81434

Discharge: UST2-A Instream Monitoring

DMR Due Date: 07/28/21

Status: Not DMR Validated

Facility: WEST ELK MINE

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

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Code

Parameter Name

Monitoring Location

Reason # Param. NODI

Sample Permit Req. Value NODI

Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 3 Value 3 Units

Quantity or Loading

Quality or Concentration

of Ex. Frequency of Analysis

Sample Type

00010

Temperature, water deg centigrade

Z - Instream Monitoring

0

14.142

=

16.618

Req Mon MX WK AV

04 - deg C

9999 - 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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS

Name: Kathleen Welt

E-Mail: kwel@archcoal.com

Date/Time: 2021-07-16 14:44 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archcsc.com

Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: C00038776
Major: No

Permitted Feature:
UST1
Receiving Water (Ambient)

Report Dates & Status
Monitoring Period: From 06/01/21 to 06/30/21
Considerations for Form Completion

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

Discharge:
UST1-A
Instream Monitoring

DMR Due Date: 07/28/21

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

Status: NotDMR Validated

Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)

Telephone:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2	Quality or Concentration Qualifier 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0		11.078 Req Mon MX WK AV	=	14,182 Req Mon DAILY MX 04 - deg C	04 - deg C	9999 - Continuous 9999 - Continuous	RC - Recorder (auto) 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

Attachments
No attachments.

Report Last Saved By
Mountain Coal Co LLC

Name: 3WELTBOYS
Kathleen Weit
kweit@archcoal.com

Date/Time: 2021-07-16 14:43 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK
Jessica Wilczek
jwilczek@archrsc.com

Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Permittee Address:	Mountain Coal Co LLC	Facility Location:	WEST ELK MINE
Major:	No		5174 Hwy 133		HWY 133, E OF TOWN
			Somerset, CO 81434		GUNNISON COUNTY, CO 81434
Permitted Feature:		Discharge:			
	300		300-J		
	Influent Structure		Influent Measurements		

Report Dates & Status		DMR Due Date:		Status:	
Monitoring Period:	From 06/01/21 to 06/30/21	07/29/21		NetDMR Validated	

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

Principal Executive Officer

First Name: _____ Title: _____

Last Name: _____ Telephone: _____

Form NODI: _____

Code	Parameter Name	Monitoring Location	Season # Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Units	Qualifier 1 Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00180	Plant capacity fact. percent of capacity	P - See Comments	0	-													
00180	Plant capacity fact. percent of capacity	Q - See Comments	0	-													
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	-													
00530	Solids, total suspended	G - Raw Sewage Influent	0	-													

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: kwel@archcoal.com

Date/Time: 2021-07-16 14:24 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archisc.com

Date/Time: 2021-07-16 09:22 (Time Zone: -06:00)

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:	035 External Outfall	Discharge:	035-Q Quarterly Monitoring for 035A	Status:	Not DMR Validated
Report Dates & Status					
Monitoring Period:	From 04/01/21 to 06/30/21				
Considerations for Form Completion					
Principal Executive Officer					
First Name:	Title:				
Last Name:	Telephone:				
No Data Indicator (NODI)					

Form NODI: 												
Parameter Name		Monitoring Location		Season	Param. NODI	Quantity or Loading			Quality or Concentration		# of Ex.	Frequency of Analysis
Code						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units
00940	Chloride [as Cl]	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		19 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01074	Nickel, total recoverable	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01114	Lead, total recoverable	1 - Effluent	Gross	0	-	Sample				Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01118	Chromium, total recoverable	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent	Gross	0	-	Sample			Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly
						Permit Req. Value NODI			C - No Discharge			GR - GRAB

04262	Chromium, tri-/dent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NDDI	Req Mon DAILY MX: 28 - Lg/L	01/93 - Quarterly	GR - SRAB	
53286	Merc. ry, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NDDI	Req Mon 30DA AVG C - No Discharge	28 - Lg/L	01/93 - Quarterly	GR - SRAB
51202	Sulfide/hydrogen sulfide [unclassified]	1 - Effluent Gross	0	--	Sample Permit Req. Value NDDI	Req Mon 30DA AVG C - No Discharge	19 - Tg/L	01/93 - Quarterly	GR - SRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NDDI	Req Mon 30DA AVG C - No Discharge	19 - Tg/L	01/93 - Quarterly	GR - SRAB
82027	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NDDI	Req Mon 30DA AVG C - No Discharge	19 - Tg/L	01/93 - Quarterly	GR - SRAB

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 Excesses, 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: 2021-07-16 14:21 (Time Zone: -06:00)

Report Last Signed By

JWILCZEK

Name: Jessica Wilczek

E-Mail: wilczek@archsc.com

Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

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: 035
External Outfall

Discharge:

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

Report Dates & Status

Monitoring Period: From 06/01/21 to 06/30/21
Considerations for Form Completion

DMR Due Date:

07/28/21

Status:

NotDMR Validated

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 Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	--	Sample Permit Req. Value NODI											GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	--	Sample Permit Req. Value NODI											GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	--	Sample Permit Req. Value NODI											GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	--	Sample Permit Req. Value NODI	1.3 30DA AVG	C - No Discharge	Req Mon DAILY MX	03 - MGD							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:

2021-07-16 14:21 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-07-19 09:22 (Time Zone: -06:00)

Permit

Major: No

Permitted Feature:	034
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Report Dates & Status

Considerations for Form

Principal Executive Officer

Last Name:

Form MOD-1.

Code	Nº
------	----

Submission Note

[Edit Check Errors](#)

Comments

Attachments

Report Last S

User:

E-Mail:

Report Last

Name: _____

Date/Time:

100

DMR Copy of Record

Permit Permit #: CO0038776 Major: No	Permittee: Mountain Coal Co LLC 5174 Hwy 133 Someset, CO 81434	Facility: WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature: 034 External Outfall	Discharge: 034-Q Quarterly Monitoring for 034A	
Report Dates & Status Monitoring Period: From 04/01/21 to 06/30/21 Considerations for Form Completion	DMR Due Date: 07/28/21	Status: NetDMR Validated
Principal Executive Officer First Name: Last Name: No Data Indicator (NODI)	Title:	Telephone:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	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		
00840	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	
00878	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 DAILY MX	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 DAILY MX	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 DAILY MX	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 DAILY MX	C - No Discharge	28 - ug/L	01/90 - Quarterly	GR - GRAB	

0262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	26 - r/gL	0.78C - Quantity	GR - GRAB
5026	Mercury total [cww level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	26 - r/gL	0.78C - Quantity	GR - GRAB
51202	Sulfide-hydrogen sulfide [unassociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	16 - r/gL	0.78C - Quantity	GR - GRAB
81023	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	16 - r/gL	0.78C - Quantity	GR - GRAB
82057	Eoron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	16 - r/gL	0.78C - Quantity	GR - GRAB

Submits on 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: Unit, 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@arches.com
2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somersel, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	033 Internal Oulfall	Discharge:	033-A Stormwater from Drainage Basin 43D and 43E	Status:	NetDMR Validated
Report Dates & Status		DMR Due Date:	07/28/21		
Monitoring Period:	From 06/01/21 to 06/30/21				
<i>Considerations for Form Completion</i>					
Principal Executive Officer		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI:					

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	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	Units	Units
00-00	pH	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI	Req Mon MINIMUM	C - No Discharge	Req Mon MAXIMUM	12 - SJ	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI	Req Mon 30DA AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI	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 NODI	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 NODI	Req Mon DAILY MX	03 - MGD	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 Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2021-07-16 14:20 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit Permit #: C00038776 Major: No		Permittee: 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: 032 External Outfall		Discharge: 032-Q Quarterly Monitoring for 032A			
Report Dates & Status Monitoring Period: From 04/01/21 to 06/30/21 Considerations for Form Completion		DMR Due Date: 07/28/21		Status: NetDMR Validated	
Principal Executive Officer First Name: Last Name: No Data Indicator (NODI)		Title:		Telephone:	

Code	Parameter Name	Monitoring Location	Season	Param. NODI	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			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI	Req Mon 30DA AVG	C - No Discharge	19 - mg/L	01/90 - Quarterly	GR - GRAB	
00878	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 DAILY MX	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 DAILY MX	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 DAILY MX	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	

04263	Chromium, trivalent total (recoverable)	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	Reg Mon Daily MX C - No Discharge	28 - ug/L	0.250 - Quantity	GR - GRAE
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	Reg Mon 30DA AV3 C - No Discharge	28 - ug/L	0.030 - Quantity	GR - GRAE
51203	Sulfide-hydrogen sulfide (undissociated)	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	Reg Mon 30DA AV3 C - No Discharge	19 - mg/L	0.050 - Quantity	GR - GRAE
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	Reg Mon 30DA AV3 C - No Discharge	19 - mg/L	0.050 - Quantity	GR - GRAE
82257	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	Reg Mon 30DA AV3 C - No Discharge	19 - mg/L	0.050 - Quantity	GR - GRAE

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: Limit, 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:

SWELTBOYS

Name: K. Aileen Welt

E-Mail: kwelt@arch-coal.com

Date/Tms: 2021-07-16 14:20 (Time Zone: -06:00)

Report Last Signed By:

User: J. M. CZEK

Name: Jessica Wlczek

E-Mail: jwlczek@arch-co.com

Date/Tms: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: C00038776
 Major: No
 Permitted Feature: 032 External Outfall
 Reported Dates & Status: From 06/01/21 to 06/30/21
 Monitoring Period: 07/28/21
 Considerations for Farm Completion: NetDMR Validated

Facility: Mountain Coal Co LLC
 5174 Hwy 133
 Somerset, CO 81434
Facility Location: WEST ELK MINE
 HWY 133, E OF TOWN
 GUNNISON COUNTY, CO 81434

Discharge: 032-A
 Stormwater from Drainage Basins 43A and 43F to Sylvester Gulch

Status: NetDMR Validated

Telephone:

Title:

Form NODI:

Parameter Name

Monitoring Location

Season

Param. NODI

Code

00400 pH

1 - Effluent Gross

0

00530 Solids, total suspended

1 - Effluent Gross

0

00545 Solids, settleable

1 - Effluent Gross

0

00980 Iron, total recoverable

1 - Effluent Gross

0

50050 Flow, in conduit or thru treatment plant

1 - Effluent Gross

0

Sample

Permit Req.

Value NODI

Qualifier 1

Value 1

Qualifier 2

Value 2

Units

Qualifier 1

Value 1

Qualifier 2

Value 2

Quality or Concentration

Qualifier 3

Value 3

Units

Frequency of Analysis

Sample Type

Req Mon DAILY MX

19 - mg/L

C - No Discharge

01/30 - Monthly

GR - GRAB

Req Mon DAILY MX

25 - mL/L

C - No Discharge

01/30 - Monthly

GR - GRAB

Req Mon DAILY MX

28 - ug/L

C - No Discharge

01/30 - Monthly

GR - GRAB

Req Mon DAILY MX

03 - MGD

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 Well

E-Mail:

kwel@archcoal.com

Date/Time:

2021-07-16 14:20 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit Permit #: C00038776 Major: No		Permittee: 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: 030 External Outfall		Discharge: 030-Q Quarterly Monitoring for 030A			
Report Dates & Status Monitoring Period: From 04/01/21 to 06/30/21 Considerations for Form Completion		DMR Due Date: 07/28/21		Status: NetDMR Validated	
Principal Executive Officer First Name: Last Name: No Data Indicator (NODI)		Title:		Telephone:	

Code	Parameter Name	Monitoring Location	Season	# Param	NODI	Quantity or Loading			Quality of Concentration			# of Est	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon 300A AVG			19 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon 300A AVG			28 - ug/L	01/40 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon 300A AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01074	Nickel, total recoverable	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon 300A AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01114	Lead, total recoverable	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon 300A AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--		Sample	Permit Req		Req Mon DAILY MX			28 - ug/L	01/90 - Quarterly	GR - GRAB
						Value NODI			C - No Discharge					

042C2 Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD1	Req Mon DAILY MAX	28 - ug/L	01/90 - Quarterly	GR - GRA3
50256 Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD1	Req Mon 300x AVG	28 - ug/L	01/90 - Quarterly	GR - GRA3
512C2 Sulfide-sulfide [unassociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD1	Req Mon 300x AVG	19 - mg/L	01/90 - Quarterly	GR - GRA3
81020 Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD1	Req Mon 300x AVG	19 - mg/L	01/90 - Quarterly	GR - GRA3
82057 Boron total	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD1	Req Mon 300x AVG	19 - ug/L	01/90 - Quarterly	GR - GRA3

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 this 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 Cow Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JWL/CZEK
Jessica Wilczek
jwilczek@archtec.com
2C21-07-19 09:22 (Time Zone: -06:00)

JWL/CZEK
Jessica Wilczek
jwilczek@archtec.com
2C21-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit	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:	030 External Outfall	Discharge: 030-A Stormwater from Drainage Basins 4681 and 4682 to Sylvester Gulch	
Report Dates & Status	Monitoring Period: From 06/01/21 to 06/30/21	DMR Due Date: 07/28/21	Status: NotDMR Validated
<i>Considerations for Form Completion</i>			
Principal Executive Officer	Title:		
Last Name:			
No Data Indicator (NODI)			

Last Name:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	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	--	Sample Permit Req. Value NODI	Req Mon MINIMUM C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Req Mon MAXIMUM C - No Discharge	12 - SU 01/30 - Monthly GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Req Mon DAILY MX C - No Discharge	19 - mg/L 01/30 - Monthly GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Req Mon DAILY MX C - No Discharge	25 - mL/L 01/30 - Monthly GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	Req Mon DAILY MX C - No Discharge	28 - ug/L 01/30 - Monthly GR - GRAB
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.07 30DA AVG C - No Discharge	Qualifier 1	Value 1	Qualifier 2	Value 2	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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

SWELTBOYS
Kathleen Welt
kwelt@archcoal.com
2021-07-16 14:19 (Time Zone: -06:00)

JWILCZEK
Jessica Wilczek
jwilczek@archsc.com
2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somersel, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	027 External Outfall	Discharge:	027-Q Quarterly Monitoring for 027A	Status:	NetDMR Validated
Report Dates & Status		DMR Due Date:	07/28/21		
Monitoring Period:	From 04/01/21 to 06/30/21				
Considerations for Form Completion					
Principal Executive Officer		Title:		Telephone:	
First Name:					
Last Name:					
No Data Indicator (NODI)					

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	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		
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			19 - mg/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req			C - No Discharge					
					Value NODI								

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value: NODL	Reg Mon DAU MAX 28 - g/L C - No Discharge	07/03 - Quarterly	GR - GRAAB
50726	Arcenry, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value: NODL	Reg Mon 30DA AVG C - No Discharge	28 - g/L 07/03 - Quarterly	GR - GRAAB
51272	Sulfide-hydrogen sulfide [urdisacalcid]	1 - Effluent Gross	0	--	Sample Permit Req. Value: NODL	Reg Mon 30DA AVG C - No Discharge	19 - mg/L 07/03 - Quarterly	GR - GRAAB
81020	sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value: NODL	Reg Mon 30DA AVG C - No Discharge	19 - mg/L 07/03 - Quarterly	GR - GRAAB
82027	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value: NODL	Reg Mon 30DA AVG C - No Discharge	19 - mg/L 07/06 - Quarterly	GR - GRAAB

Submission Note

If a parameter row does not contain any values for the Sample or 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 Ch33F Errors

No errors

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mou'yan Coal Co LLC

User

3WELTBOYS

Name: <athlean Well

E-Mail: <well@arcccoal.com

Date/Time: 2021-07-16 14:19 (Time Zone: -06:00)

Report Last Signed By

JWLICZEK

Name: Jessica Wilczek

E-Mail: jwilczek@arccsc.com

Date/Time: 2021-07-16 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No
Permitted Feature: 027 External Outfall
Report Dates & Status
Monitoring Period: From 06/01/21 to 06/30/21
Considerations for Form Completion

Permittee: Mountain Coal Co LLC
5174 Hwy 133
Someset, CO 81434
Discharge: 027-A
Stormwater from Drainage Basin 49A2 to Sylvester Gulch
Facility: WEST ELK MINE
Facility Location: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434
Status: NetDMR Validated

Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:
Code
00400 pH
00530 Solids, total suspended
00545 Solids, settleable
00890 Iron, total recoverable
04262 Chromium, trivalent total recoverable
50050 Flow, In conduit or thru treatment plant

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 1	Value 1	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 NODI															GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NODI															GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0		Sample Permit Req. Value NODI															GR - GRAB
00890	Iron, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI															GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI															GR - GRAB
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0		Sample Permit Req. Value NODI															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: kwell@archcoal.com
Date/Time: 2021-07-16 14:19 (Time Zone: -06:00)
Report Last Signed By
User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archsc.com
Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit	Permit #: C00038776	Permitter: 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:	026 External Outfall	Discharge: 026-Q Quarterly Monitoring for 026A	
Report Dates & Status			
Monitoring Period:	From 04/01/21 to 06/30/21	DMR Due Date: 07/29/21	Status: NotDMR Validated
Considerations for Form Completion			
Principal Executive Officer			
First Name:		Title:	Telephone:
Last Name:			
No Data Indicator (NODI)			

Code	Parameter Name	Monitoring Location	Season & Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 3	Quality or Concentration Value 2 Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0 --	Sample Permit Req. Value NODI	Req Mon 300A AVG C - No Discharge	Req Mon 300A AVG C - No Discharge	19 - mg/L	01/90 - Quarterly	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0 --	Sample Permit Req. Value NODI	Req Mon 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A AVG 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A 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 300A AVG C - No Discharge	Req Mon 300A AVG C - No Discharge	28 - ug/L	01/90 - Quarterly	GR - GRAB

04262	Chromium, tri-valent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value <100	Req Mon 30DA Avg C - No Discharge	28 - ng/L	01/93 - Quarterly	GR - 350AB
57276	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value <100	Req Mon 30DA Avg C - No Discharge	28 - ng/L	01/93 - Quarterly	GR - 350AB
51222	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value <100	Req Mon 30DA Avg C - No Discharge	19 - ng/L	01/93 - Quarterly	GR - 350AB
81020	Sulfide	1 - Effluent Gross	0	--	Sample Permit Req. Value <100	Req Mon 30DA Avg C - No Discharge	19 - ng/L	01/93 - Quarterly	GR - 350AB
82027	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value <100	Req Mon 30DA Avg C - No Discharge	19 - ng/L	01/90 - Quarterly	GR - 350A3

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 Weit

<weit@archcoal.com

2021-07-16 14:18 (Time Zone: -05:00)

JMALCZEK

Jessica Wilczek

wilczek@archtec.com

2021-07-15 09:22 (Time Zone: -05:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No

Permitted Feature:
026
External Outfall

Report Dates & Status
Monitoring Period: From 06/01/21 to 06/30/21
Considerations for Form Completion

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

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

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

DMR Due Date:
07/28/21

Status:
NetDWR Validated

Principal Executive Officer
Last Name: _____
First Name: _____
Title: _____
Telephone: _____

Form NODI:
No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 1	Value 1	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 NODI			Req Mon MINIMUM C - No Discharge									12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 300DA AVG C - No Discharge									10 - mg/L	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 300DA AVG C - No Discharge									25 - mL/L	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 300DA AVG C - No Discharge									28 - ug/L	01/30 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon DAILY MX 03 - MGD 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:
Name: SWELTBOYS
Kathleen Well
E-Mail: kwell@archcoal.com

Date/Time:
2021-07-16 14:18 (Time Zone: -06:00)

Report Last Signed By
User: JWILCZEK

Name:
Jessica Wilczek

E-Mail:
jwilczek@archsc.com

Date/Time:
2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit	Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	Major:	No	Permittee Address:	5174 Hwy 133 Someset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	025 External Ouilfall	Discharge:	025-Q Quarterly Monitoring for 025A			
Report Dates & Status	Monitoring Period:	DMR Due Date:	Status:			
Considerations for Form Completion	From 04/01/21 to 06/30/21	07/28/21	Not DMR Validated			
Principal Executive Officer	Title:		Telephone:			
Last Name:						
No Data Indicator (NODI)						

Code	Parameter Name	Monitoring Location	Season	Param. NODI	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		
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample								
					Permit Req.			Req Mon 30DA AVG			19 - ug/L	01/90 - Quarterly	GR - GRAB
					Value NODI			C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01305	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample			Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Permit Req.			C - No Discharge					
					Value NODI								

04262 Chromium, trivalent total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODM	Req Mon 30DA AVG C - No Discharge	28 - ug/L	C190 - Quarterly	GR - SPAB
50246 Mercury, total [raw level]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODM	Req Mon 30DA AVG C - No Discharge	28 - ug/L	C190 - Quarterly	GR - SPAB
51202 Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	-	Sample Permit Req. Value NODM	Req Mon 30DA AVG C - No Discharge	19 - mg/L	C190 - Quarterly	GR - SPAB
81020 Sulfide	1 - Effluent Gross	0	-	Sample Permit Req. Value NODM	Req Mon 30DA AVG C - No Discharge	19 - mg/L	C190 - Quarterly	GR - SPAB
82057 Barium, total	1 - Effluent Gross	0	-	Sample Permit Req. Value NODM	Req Mon 30DA AVG C - No Discharge	19 - ug/L	0190 - Quarterly	GR - SPAB

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

3MELTBOYS

Name: Kathleen Well

E-Mail: kwell@archcoal.com

Date/TIME: 2021-07-16 14:18 (Time Zone: -05:00)

Report Last Signed By

JMILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archisc.com

Date/TIME: 2021-07-19 09:22 (Time Zone: -05:00)

DMR Copy of Record

Permit	Permit #:	CO0038776	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:	025 External Outfall	Discharge:	025-A Stormwater from Drainage Basin 49A5 to Sylvester Gulch	Status:	NetDMR Validated
	Report Dates & Status		DMR Due Date:	07/28/21		
	Monitoring Period:	From 06/01/21 to 06/30/21				
	Considerations for Form Completion					

Principal Executive Officer	Title:
First Name:	
Last Name:	
No Data Indicator (NODI)	

Code	Parameter Name	Monitoring Location	Season	Param	NODI	Quantity or Loading		Quality or Concentration		Req Mon MAXIMUM		Req Mon DAILY MX		# of Ex	Frequency of Analysis	Sample Type
						Value 1	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 1	Value 3	Qualifier 3			
00400	pH	1 - Effluent Gross	0			Sample	Permit Req.			Req Mon MINIMUM	C - No Discharge				01/30 - Monthly	GR - GRAB
						Value NODI										
00500	Solids, total suspended	1 - Effluent Gross	0			Sample	Permit Req.			Req Mon 300DA AVG	C - No Discharge				01/30 - Monthly	GR - GRAB
						Value NODI										
00545	Solids, settleable	1 - Effluent Gross	0			Sample	Permit Req.			Req Mon 300DA AVG	C - No Discharge				01/30 - Monthly	GR - GRAB
						Value NODI										
00980	Iron, total recoverable	1 - Effluent Gross	0			Sample	Permit Req.			Req Mon 300DA AVG	C - No Discharge				01/30 - Monthly	GR - GRAB
						Value NODI										
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0			Sample	Permit Req. <=	1.35 30DA AVG	Req Mon DAILY MX	C - No Discharge					01/30 - Monthly	IN - INSTAN
						Value NODI										

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS
Kathleen Well
kwell@archcoal.com
2021-07-16 14:17 (Time Zone: -06:00)

JWILCZEK
Jessica Wilczek
jwilczek@archcsc.com
2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somesetel, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	017 External Outfall	Discharge:	017-AA Mine Water & MWTF		
Report Dates & Status		DMR Due Date:	07/28/21	Status:	NetDMR Validated
Monitoring Period:	From 06/01/21 to 06/30/21				

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:

Title:
Telephone:

Form NODI:																				
Parameter Name		Monitoring Location		Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis			Sample Type					
Code						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								Req Mon MX WK AV C - No Discharge			Req Mon DAILY MX 04 - deg C C - No Discharge	9999 - Continuous	RC - Recorder (auto)	
00094	Conductivity	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			78 - dS/m	0230 - Twice Per Month	GR - GRAB	
00400	pH	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								6.5 MINIMUM C - No Discharge			9.0 MAXIMUM C - No Discharge	12 - SU	0107 - Weekly	GR - GRAB
00440	Bicarbonate Ion- (as HCO3)	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 19 - mg/L C - No Discharge	0230 - Twice Per Month	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								35.0 30DA AVG C - No Discharge			70.0 DAILY MX C - No Discharge	0130 - Monthly	GR - GRAB	
00918	Calcium, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 19 - mg/L C - No Discharge	0230 - Twice Per Month	GR - GRAB	
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 19 - mg/L C - No Discharge	0230 - Twice Per Month	GR - GRAB	
00923	Sodium, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 19 - mg/L C - No Discharge	0230 - Twice Per Month	GR - GRAB	
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-		Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 1U - Ratio C - No Discharge	0230 - Twice Per Month	CA - CALCTD	
00931	Sodium adsorption ratio	P - See Comments	0	-		Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 1U - Ratio C - No Discharge	0230 - Twice Per Month	CA - CALCTD	
00940	Chloride (as Cl)	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			Req Mon 30DA AVG C - No Discharge	0230 - Twice Per Month	GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								100.0 30DA AVG C - No Discharge			Req Mon DAILY MX 28 - ug/L C - No Discharge	0230 - Twice Per Month	GR - GRAB	
00990	Iron, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req. Value NODI								1000.0 30DA AVG C - No Discharge			Req Mon DAILY MX 28 - ug/L C - No Discharge	0130 - Monthly	GR - GRAB	

[illegible]

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

kweil@archcoal.com

2021-07-16 14:16 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 017A
External Outfall

Discharge: 017A-W
Acute Monthly WET Testing for 017A

Report Dates & Status

Monitoring Period: From 06/01/21 to 06/30/21
Considerations for Form Completion

DMR Due Date: 07/28/21

Status: NetDMR Validated

Principal Executive Officer

First Name:
Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:		Monitoring Location	Season	Param	NODI
Code	Parameter Name	1 - Effluent Gross	0		
51484	Number of Events	1 - Effluent Gross	0		
81381	Duration of discharge	1 - Effluent Gross	0		

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 Well

E-Mail: kwell@archcoal.com

Date/Time: 2021-07-16 14:17 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archsc.com

Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Permittee Address:	Mountain Coal Co LLC	Facility Location:	WEST ELK MINE
Major:	No		5174 Hwy 133 Someset, CO 81434		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:		Discharge:			
017 External Outfall		017-W Acute WET Testing for 017A			
Report Dates & Status		DMR Due Date:	Status:		
Monitoring Period: From 04/01/21 to 06/30/21		07/28/21	NetDMR Validated		
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					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI:					

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 1 Value 1	Qualifier 2 Value 2			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	>=	100.0 MN VALUE	23 - %	01/90	Quarterly	G3 - GRAB-3
TAN3C	LC50 Static 96Hr Acute Pimephales	1 - Effluent Gross	0	0	Sample Permit Req. Value NODI	>=	100.0 MN VALUE	23 - %	01/90	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 Welt

E-Mail:

kwel@archcoal.com

Date/Time:

2021-07-16 14:17 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: C00038776
Major: No

Permitted Feature:
017
External Outfall

Report Dates & Status
Monitoring Period: From 04/01/21 to 06/30/21
Considerations for Form Completion
Quarterly monitoring - see Appendix B, #35, pg 64.
Principal Executive Officer

Last Name:
First Name:

No Data Indicator (NODI)

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

Discharge:
017-Q
Quarterly Monitoring for 017A

DMR Due Date:
07/28/21

Title:
Telephone:

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

Status:
NetDMR Validated

Parameter Name	Monitoring Location	Season	Parent NODI	Sample Permit Req.	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
70295 Solids, total dissolved	1 - Effluent Cross	0	--												
Req Mon ORTR AVG C - No Discharge															
Req Mon DAILY MX C - No Discharge															
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:
2021-07-16 14:17 (Time Zone: -06:00)

Report Last Signed By

User:
Name:
E-Mail:
Date/Time:
2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit	Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	Permitted Feature:	015 External Outfall	Discharge:	015-W Acute WET Testing for 011A	Status:	NetDMR Validated
Report Dates & Status	Report Dates & Status	From 04/01/21 to 06/30/21	DMR Due Date:	07/28/21		
Monitoring Period:	Monitoring Period:	From 04/01/21 to 06/30/21				
Considerations for Form Completion	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	Principal Executive Officer					
First Name:	First Name:		Title:		Telephone:	
Last Name:	Last Name:					
No Data Indicator (NODI)	No Data Indicator (NODI)					
Form NODI:	Form NODI:					

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1	Quality or Concentration Value 1	# of Ex. Frequency of Analysis Value 2 Qualifier 3 Value 3 Units	Sample Type
TAM3C	LC50 Static Renewal 48hr Acute Daphnia magna	1 - Effluent Gross	0			Req Mon MN VALUE C - No Discharge		23 - % 01/500 - Quarterly	GR - GRAB
TAN3C	LC50 Static 96hr Acute Pinephales	1 - Effluent Gross	0			Req Mon MN VALUE C - No Discharge		23 - % 01/500 - 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 Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS	Kathleen	Weit	kwel@archcoal.com	2021-07-16 14:16	(Time Zone: -06:00)
JWILCZEK	Jessica	Wilczek	jwilczek@archrsc.com	2021-07-19 09:22	(Time Zone: -06:00)

DMR Copy of Record

Permit	Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	Major:	No	Permittee Address:	5174 Hwy 133 Someset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	Permitted Feature:	015 External Outfall	Discharge:	015-Q Quarterly Monitoring for 015A	Status:	NetDMR Validated
Report Dates & Status	Report Dates & Status	From 04/01/21 to 06/30/21	DMR Due Date:	07/28/21		
Monitoring Period:	Monitoring Period:	From 04/01/21 to 06/30/21				
Considerations for Form Completion	Considerations for Form Completion	Quarterly monitoring - see Appendix B, #35, pg 64.				
Principal Executive Officer	Principal Executive Officer					
First Name:	First Name:		Title:		Telephone:	
Last Name:	Last Name:					
No Data Indicator (NODI)	No Data Indicator (NODI)					

Code	Parameter Name	Monitoring Location	Season & Param NODI	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		
70295	Solids, total dissolved	1 - Effluent Gross	0				Req Mon QTR AVG		Req Mon DAILY MX	19 - mg/L	01/00 - Quarterly	GR - GRAB
							C - No Discharge		C - No Discharge			

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwell@archcoal.com

2021-07-16 14:16 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archisc.com

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No

Permitted Feature:
015
External Outfall

Report Dates & Status
Monitoring Period: From 06/01/21 to 06/30/21
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 MLOG-EG; ADJUSTED SAR AT MLOG=P.

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

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

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

Status:
NeIDMR Validated

Title:
Telephone:

Code	Parameter Name	Monitoring Location	Season # Param	NODI	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	Units	Sample Type
00094	Conductivity	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	78	- dS/m	0230 - Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	6.5 MINIMUM	C - No Discharge	9.0 MAXIMUM	12 - SU	0130 - Monthly	GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L	0230 - Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	35.0 300A AVG	C - No Discharge	70.0 DAILY MX	19 - mg/L	0130 - Monthly	GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L	0730 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L	0230 - Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L	0230 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	Req Mon DAILY MX	10 - Ratio	0230 - Twice Per Month	CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	Req Mon DAILY MX	10 - Ratio	0230 - Twice Per Month	CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	19	- mg/L	0230 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	Req Mon 300A AVG	C - No Discharge	28	- ug/L	0230 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	3000.0 300A AVG	C - No Discharge	6000.0 DAILY MX	28 - ug/L	0130 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-	Sample	Permit Req.	Value NODI	3297.0 300A AVG	C - No Discharge	28	- ug/L	0230 - Twice Per Month	GR - GRAB

			Value NODI				C - No Discharge		
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	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
01318	Lead, 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
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 30DA AVG 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	7/7/77 - 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
81020	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
84068	Oil and grease visual	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon INST MAX AB - abstrd prst1 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 Well

kwell@archcoal.com

2021-07-16 14:16 (Time Zone: -05:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-07-19 09:22 (Time Zone: -05:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Mountain Coal Co LLC	WEST ELK MINE		
Major:	No	5174 Hwy 133 Someset, CO 81434	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434		
Permitted Feature:		Discharge:		Status:	
014 External Outfall		014-Q Quarterly Monitoring for 014A		NaDMR Validated	
Report Dates & Status		DMR Due Date:			
Monitoring Period: From 04/01/21 to 06/30/21		07/28/21			
Considerations for Form Completion					
TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR, 24HR PRECIP EVENTS - SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG, ADJUSTED SAR AT MLOC=P					
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI:					

Code	Parameter Name	Monitoring Location	Season & Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units	Quality or Concentration Value 1 Qualifier 2 Value 2	Value 3	Units	# of Ex	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		19 - mg/L	01/90 - Quarterly		GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--		Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly		GR - GRAB

	Value NODI	C - No Discharge	C - No Discharge	
042E2 Chromium, trivalent total recoverable	1 - Effluent Gross 0	Sample Permit Req Value NODI	Req Mon DAILY, MAX 28 - ug/L	GR - GRA3
502E6 Mercury, total [raw leach]	1 - Effluent Gross 0	Sample Permit Req Value NODI	Req Mon 300x AVG C - No Discharge	GR - GRA3
512C2 Sulfide-hydrogen sulfides [undissociated]	1 - Effluent Gross 0	Sample Permit Req Value NODI	Req Mon 300x AVG C - No Discharge	GR - GRA3
610D0 Sulfate	1 - Effluent Gross 0	Sample Permit Req Value NODI	Req Mon 300x AVG C - No Discharge	GR - GRA3
820E7 Boron, total	1 - Effluent Gross 0	Sample Permit Req Value NODI	Req Mon 300x AVG C - No Discharge	GR - GRA3

Submission Note

If a parameter row does not contain any values for the Sample or Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Exchanges, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No additional files.

Report Last Saved By

Mountain Coal Co LLC

User

3MELTBOYS

Name:

Kathleen Welt

E-Mail:

kwj1@archcoal.com

Date/Time:

2021-07-16 14:15 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Vilczek

E-Mail:

jvilczek@archrsc.com

Date/Time:

2021-07-16 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature: 014
External Outfall

Report Dates & Status

Monitoring Period: From 06/01/21 to 06/30/21

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)

Form NODI:

Code	Parameter Name	Monitoring Location	Season & Param. NODI	Quantity or Loading		Quality or Concentration		Units		# of Ex. Frequency of Analysis		Sample Type
				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Qualifier 4	Value 4	
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	Sample		Permit Req.		Req Mon DAILY MX	04 - deg C	99/99 - Continuous		RC - Recorder (nulo)
				Value NODI				C - No Discharge				
00400	pH	1 - Effluent Gross	0	Sample		Permit Req.		9.0 MINIMUM	12 - SU	01/00 - Monthly		GR - GRAB
				Value NODI				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	Sample		Permit Req.		35.0 30DA AVG	19 - mg/L	01/00 - Monthly		GR - GRAB
				Value NODI				C - No Discharge				
00990	Iron, total recoverable	1 - Effluent Gross	0	Sample		Permit Req.		3500.0 30DA AVG	28 - ug/L	01/00 - Monthly		GR - GRAB
				Value NODI				C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Sample		Permit Req.		0.03 30DA AVG	03 - MGD	01/00 - Monthly		IN - INSTANT
				Value NODI				C - No Discharge				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS
Kathleen Welt
kwelt@archcoal.com
2021-07-16 14:15 (Time Zone: -06:00)

JWILCZEK
Jessica Wilczek
jwilczek@archrsc.com
2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE					
Major:	No	Permittee Address:	5174 Hwy 133 Someset, CO 81434	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	Status:	NetDMR Validated					
Report Dates & Status	From 06/01/21 to 06/30/21	DMR Due Date:	07/28/21							
Monitoring Period:	From 06/01/21 to 06/30/21									
Considerations for Form Completion										
Principal Executive Officer		Title:		Telephone:						
First Name:										
Last Name:										
No Data Indicator (NODI)										
Form NODI:										
Code	Parameter Name	Monitoring Location Session #	Param. NODI	Quantity or Loading	Quality or Concentration	Units	# of Ex.	Frequency of Analysis	Sample Type	
51484	Number of Events	1 - Effluent Gross	0		10.0 30DA AVG	<	3.0 MX 7D AV	SJ - #	01/30 - Monthly	CA - CALCTD
					C - No Discharge		C - No Discharge			
81331	Duration of discharge	1 - Effluent Gross	0		3.0 MX 7D AV	<	3.0 MX 7D AV	SA - 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 Well

E-Mail:

kwell@archcoal.com

Date/Time:

2021-07-16 14:15 (Time Zone: -06:00)

Report Last Signed By

JWILCZEK

User:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-07-19 08:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No
Permitted Feature: 012
External Outfall
Report Dates & Status
Monitoring Period: From 04/01/21 to 06/30/21
Considerations for Form Completion
SEE I.D.1, PP. 32-PG 32-34 FOR DETAILS OS PROCEDURE, REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.
Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Permittee:
Permittee Address:
Discharge:
DMR Due Date:
Title:
Facility:
Facility Location:
Status:
Telephone:

Mountain Coal Co LLC
5174 Hwy 133
Somersel, CO 81434
012-W
Acute WET Testing for 012A
07/28/21
NetDMR Validated

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		g 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	Units	
TAN3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	100.0 MN VALUE C - No Discharge	23 - %	01/90 - Quarterly	G3 - GRAB-3		
TAN6C	LC50 Static 96Hr Acute Pimephales	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	100.0 MN VALUE C - No Discharge	23 - %	01/90 - 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 Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-07-16 14:14 (Time Zone: -06:00)
Report Last Signed By
User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archsc.com
Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No

Permitted Feature:
012
External Outfall

Report Dates & Status
Monitoring Period: From 04/01/21 to 06/30/21
Considerations for Form Completion
Quarterly monitoring - see Appendix B, #35, pg 64.
Principal Executive Officer

First Name:
Last Name:

Form NDI:
No Data Indicator (NDI)

Permittee:
Permittee Address:
5174 Hwy 133
Someset, CO 81434

Discharge:
012-Q
Quarterly Monitoring for 012A

DMR Due Date:
07/28/21

Title:
Telephone:

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

Status:
NetDMR Validated

Code	Parameter Name	Monitoring Location	Sample	Permit Req.	Value NDI	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	
70295	Solids, total dissolved	1 - Effluent Gross	0									

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: Kalhleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-07-16 14:14 (Time Zone: -06:00)

Report Last Signed By
User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permitted Feature: 012-
External Outfall

Report Dates & Status
Monitoring Period: From 06/01/21 to 06/30/21

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 LC 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 133
Someset, CO 81434

Discharge: 012-AA
Mine Water to Minnesota Creek

DMR Due Date: 07/28/21

Status: NotDMR Validated

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

Title:

Title:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier	Value 1	Quantity or Loading Qualifier	Value 2	Units	Qualifier	Value 1	Qualifier	Value 2	Qualifier	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	--	Sample Permit Req. Value NODI													9999 - Continuous (min)	RC - Recorder (min)
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													0107 - Weekly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													0130 - Monthly	GR - GRAB
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													0230 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													0230 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													0130 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													0230 - Twice Per Month	GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													0230 - Twice Per Month	GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													0230 - Twice Per Month	GR - GRAB

[illegible]

51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Req. Value NDI	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 NDI	10.0 30DA AVG C - No Discharge	5.1 - #	01/30 - Monthly	CA - CALCTD
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	Req. Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
81381	Duration of discharge	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	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 NDI	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 NDI	Req. Mon INST MAX C - No Discharge	AB - abst=0 psi=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 Well

E-Mail:

kwelt@archcoal.com

Date/Time:

2021-07-16 14:14 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature: 011
External Outfall

Report Dates & Status

Monitoring Period: From 04/01/21 to 06/30/21

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Last Name:

Form NODI:

Permittee: Mountain Coal Co LLC

Permittee Address: 5174 Hwy 133
Somerset, CO 81434

Discharge: 011-Q
Quarterly Monitoring for 011A

DMR Due Date: 07/28/21

Title:

Telephone:

Facility: WEST ELK MINE

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

Status: NetDMR Validated

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Rev. Value NODI	Quantity or Loading Qualifier 1 Value 1 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
70295	Solids, total dissolved	1 - Effluent Gross	0			Req Mon DAILY MX 19 - mg/L	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

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: 2021-07-16 14:14 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature:

011
External Outfall

Report Dates & Status

Monitoring Period:

From 06/01/21 to 06/30/21

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex		Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Value 3	
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon MX WK AV	04 - deg C	9899 - Continuous	RC - Reconnector (auto)	
					Value NODI		C - No Discharge				
00094	Conductivity	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon 30DA AVG	78 - dS/m	02/30 - Twice Per Month GR	- GRAB	
					Value NODI		C - No Discharge				
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req	6.5 MINIMUM	9.0 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB	
					Value NODI	C - No Discharge	C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR	- GRAB	
					Value NODI		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req	35.0 30DA AVG	70.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI	C - No Discharge	C - No Discharge				
00916	Calcium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR	- GRAB	
					Value NODI		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR	- GRAB	
					Value NODI		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR	- GRAB	
					Value NODI		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	-	Sample Permit Req		Req Mon DAILY MX	1U - Ratio	02/30 - Twice Per Month CA	- CALCTD	
					Value NODI		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	-	Sample Permit Req		Req Mon 30DA AVG	1U - Ratio	02/30 - Twice Per Month CA	- CALCTD	
					Value NODI		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR	- GRAB	
					Value NODI		C - No Discharge				
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR	- GRAB	
					Value NODI		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req		Req Mon 30DA AVG	6000.0 DAILY MX	01/30 - Monthly	GR - GRAB	
					Value NODI		C - No Discharge				

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

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

Discharge: 011-AA
Mine Water to Sylvester Gulch

DMR Due Date: 07/28/21

Status: NotDMR Validated

Title: Telephone:

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	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 - 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB		
01118	Chromium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX - 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB	
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX - 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB	
01306	Copper, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX - 28 - ug/L C - No Discharge	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	
01318	Lead, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	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	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	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	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX - 28 - ug/L C - No Discharge	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	Req Mon DAILY MX - 28 - ug/L C - No Discharge	02/30 - 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	7/7/7 - Contingent GR - GRAB	
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	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	Sample Permit Req. Value NODI	0.014 30DA AVG C - No Discharge	Req Mon DAILY MX - 03 - IGD C - No Discharge	01/07 - Weekly 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	
51484	Number of Events	1 - Effluent Gross	0	Sample Permit Req. Value NODI	10.0 30DA AVG C - No Discharge	3.0 7 DA AVG C - No Discharge	51 - # 01/30 - Monthly CA - CALCTD	
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	
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		
				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	Value NDI	Reg Mon INST MAX	AB - absl=0 prsl=1	C - No Discharge	01/07 - Weekly	VI - VISUAL
84066	Oil and grease visual	1 - Effluent Gross	0	Sample Permit Req Value NDI					
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									
Comments									
No Discharge									
Attachments									
No attachments.									
Report Last Saved By									
Mountain Coal Co LLC									
User:									
3WELTBOYS									
Name: Kathleen Walt									
E-Mail: kwell@archcoal.com									
Date/Time: 2021-07-16 14:13 (Time Zone: -06:00)									
Report Last Signed By									
User:									
JWILCZEK									
Name: Jessica Wilczek									
E-Mail: jwilczek@archrsc.com									
Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)									

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No
Permitted Feature: 009
External Outfall

Permittee:
Permittee Address: Mountain Coal Co LLC
5174 Hwy 133
Someset, CO 81434
Discharge: 009-Q
Quarterly Monitoring for 009A

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

Report Dates & Status
Monitoring Period: From 04/01/21 to 06/30/21
Considerations for Form Completion
Quarterly monitoring - see Appendix B, #35, pg 64.
Principal Executive Officer

DMR Due Date: 07/28/21
Status: NetDMR Validated

Title:
Telephone:

Form NODI:		Monitoring Location	Season & Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis		Sample Type
Code	Parameter Name	Value	Value	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Units	
70285	Solids, total dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon ORTR AVG C - No Discharge		Req Mon DAILY MAX C - No Discharge	10 - mg/L	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

No Discharge

Attachments

No attachments.

Report Last Saved By
Mountain Coal Co LLC

User: 3WELTBOYS
Name: KaiHeen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-07-16 14:13 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archtrsc.com
Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

0106 Iron, dissolved [as Fe]	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	32570 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
0105 Manganese, dissolved [as Mn]	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
01074 Nickel, total recoverable	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
01114 Lead, total recoverable	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
01118 Chromium, total recoverable	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY MX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
01303 Zinc, potentially dissolved	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY MX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
01306 Copper, potentially dissolved	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY MX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
01314 Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
01318 Lead, potentially dissolved	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY MX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
01319 Manganese, potentially dissolved	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY MX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
01322 Nickel, potentially dissolved	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY MX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
01323 Selenium, potentially dissolved	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY MX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
03582 Oil and grease	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	10.0 INST MAX	19 - mg/L	7/7/77 - Contingent GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
04262 Chromium, trivalent total recoverable	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	0.23 30DA AVG	Req Mon DAILY MX 03 - MGD	01/30 - Monthly IN - INSTAN
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
50060 Chlorine, total residual	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	0.5 INST MAX	19 - mg/L	01/30 - Monthly GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
50286 Mercury, total [low level]	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
51040 E. coli	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	2000.0 30DA GM	4000.0 MX 7D GM 13 - #/100mL	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge	C - No Discharge	
51202 Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		
81020 Sulfate	1 - Effluent Gross	0	≤	Sample Permit Req. Value NDI	Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR - GRAB
				Sample Permit Req. Value NDI	C - No Discharge		

82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NDI	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 NDI	Req Mon INST MAX AB - abatefl pret-1 C - No Discharge	0130 - 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

Mounlain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwel@archcoal.com

Date/Time:

2021-07-16 14:13 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrisc.com

Date/Time:

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No
Permitted Feature: 009 External Outfall
Permittee: Mountain Coal Co LLC
5174 Hwy 133
Someset, CO 81434
Facility Location: WEST ELK MINE
HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434
Discharge: 009-W
Acute WET Testing for 009A
Status: NetDMR Validated

Report Dates & Status
Monitoring Period: From 04/01/21 to 06/30/21
DMR Due Date: 07/28/21

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

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:
Title:
Telephone:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis	Sample Type
					Qualifier 1 Value	Qualifier 2 Value	Qualifier 1 Value	Qualifier 2 Value		
TAN3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	>=	100.0 MN VALUE C - No Discharge	23 - %	01/90 - Quarterly	GR - GRAB
TAN6C	LC50 Static 96Hr Acute Pinephales	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	>=	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 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: 2021-07-16 14:13 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archisc.com

Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permitter Address:	5174 Hwy 133 Someset, CO 81434	Facility Location:	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 06/01/21 to 06/30/21	DMR Due Date:	07/28/21	Status:	NetDMR Validated
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Considerations for Form Completion

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

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season # Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00094	Conductivity	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00094	Conductivity	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00400	pH	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00440	Bicarbonate Ion - [as HCO3]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00530	Solids, total suspended	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00640	Nitrogen, Inorganic total	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00918	Calcium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00921	Magnesium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00923	Sodium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00931	Sodium adsorption ratio	EG - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00931	Sodium adsorption ratio	P - See Comments	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00978	Arsenic, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type
00980	Iron, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Qualifier 2	Value 1	Units	Qualifier 1	Value 2	Qualifier 2	Value 1	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis Sample Type

0106	Iron, dissolved (as Fe)	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	3/370 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		
0106	Manganese, dissolved (as Mn)	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		
01074	Nickel, total recoverable	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		
0114	Lead, total recoverable	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon DAILY IXX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		
0118	Chromium, total recoverable	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY IXX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge	C - No Discharge	
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY IXX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge	C - No Discharge	
01306	Copper, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY IXX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge	C - No Discharge	
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		
01318	Lead, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY IXX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge	C - No Discharge	
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY IXX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge	C - No Discharge	
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY IXX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge	C - No Discharge	
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	Req Mon DAILY IXX 28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge	C - No Discharge	
03592	Oil and grease	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	10.0 INST MAX	19 - mg/L	7/7/77 - Contingent GR - GRAB
						C - No Discharge		
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon DAILY IXX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	0.23 30DA AVG		01/30 - Monthly IN - INSTAN
						C - No Discharge		
50060	Chlorine, total residual	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	0.5 INST MAX	19 - mg/L	01/30 - Monthly GR - GRAB
						C - No Discharge		
50286	Mercury, total [low level]	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		
51040	E. coli	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	20 0.0 30DA GM	4000.0 IXX 70 GM	02/30 - Twice Per Month GR - GRAB
						C - No Discharge	C - No Discharge	
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		
81020	Sulfate	1 - Effluent Gross	0	—	Sample Permit Req. Value NDI	Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR - GRAB
						C - No Discharge		

92057	Boron, total	1 - Effluent Gross	0		Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02730 - Twice Per Month GR - GRAB
94066	Oil and grease visual	1 - Effluent Gross	0		Sample Permit Req. Value NODI	Req Mon INST MAX AB - abate0.mt=1 C - No Discharge	01700 - 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

Kaltheen Welt

kwel@archcoal.com

2021-07-16 14:13 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit	Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	008 External Outfall	Discharge:	008-W Acute WET Testing for 008A	Status:	NetDMR Validated	
Report Dates & Status	Monitoring Period:	DMR Due Date:				
From 04/01/21 to 06/30/21						
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:						
Last Name:						
No Data Indicator (NODI)						

Form NODI:		Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type
Code	Parameter Name					Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Units	
TAM3C	LC50 Static Renewal 48hr Acute Daphnia magna	1 - Effluent Gross	0			Req Mon MN VALUE		23 - %	01/50 - Quarterly	GR - GRAB
						C - No Discharge				
TAN6C	LC50 Static 96hr Acute Pinophales	1 - Effluent Gross	0			Req Mon MN VALUE		23 - %	01/50 - Quarterly	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 Weit

kweit@archcoal.com

2021-07-16 14:12 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archtisc.com

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Features:

008
External Outfall

Report Dates & Status

Monitoring Period: From 04/01/21 to 06/30/21

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI: ..

Parameter Monitoring Location Season & Param NODI

Code Name

70205 Solids, total dissolved 1 - Effluent Gross 0 ..

Sample Permit Req. Value NODI

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

Permittee:

Permittee Address:

Discharge:

008-Q
Quarterly Monitoring for 008A

DMR Due Date:

07/28/21

Status:

NetDMR Validated

Title:

Telephone:

Facility:

Facility Location:

Mountain Coal Co LLC

5174 Hwy 133

Somerset, CO 81434

WEST ELK MINE

HWY 133, E OF TOWN

GUNNISON COUNTY, CO 81434

Quality of Concentration

Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 3 Value 3

Req Mon ORTR AVG Req Mon DAILY MAX 01/30 - Quarterly GR - GRAS

C - No Discharge C - No Discharge

3WELTBOYS

Kathleen Welt

kwelt@archcoal.com

2021-07-16 14:12 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No
Permitted Feature: 008 External Outfall

Permittee:
Permittee Address: Mountain Coal Co LLC
5174 Hwy 133
Somerset, CO 81434
Discharge: 008-AA
Loadout Runoff (MB4)

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

Report Dates & Status
Monitoring Period: From 06/01/21 to 06/30/21
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:

Title:

Telephone:

Status: NetDMR Validated

DMR Due Date: 07/28/21

Code	Parameter Name	Monitoring Location	Season # Param	NODI	Quantity or Loading			Quality or Concentration			Frequency of Analysis		
					Qualifier 1	Value 1	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3
00094	Conductivity	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon 30DA AVG		7B - dS/m	02/30 - Twice Per Month GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00400	pH	1 - Effluent Gross	0	--	Sample	Permit Req.		6.5 MINIMUM		9.0 MAXIMUM		12 - SU	01/30 - Monthly GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00520	Solids, total suspended	1 - Effluent Gross	0	--	Sample	Permit Req.		35.0 30DA AVG		70.0 DAILY MX		19 - mg/L	01/30 - Monthly GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX		1U - Ratio	02/30 - Twice Per Month CA - CALCTD
					Value NODI			C - No Discharge		C - No Discharge			
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX		1U - Ratio	02/30 - Twice Per Month CA - CALCTD
					Value NODI			C - No Discharge		C - No Discharge			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	02/30 - Twice Per Month GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX		28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.		3000.0 30DA AVG		6000.0 DAILY MX		28 - ug/L	01/30 - Monthly GR - GRAB
					Value NODI			C - No Discharge		C - No Discharge			
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample	Permit Req.		3297.0 30DA AVG				28 - ug/L	02/30 - Twice Per Month GR - GRAB

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

2021-07-16 14:12 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No

Permittee:
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:
007
Internal Outfall

Discharge:
007-A
Domestic WWTP Polishing Pond

Report Dates & Status
Monitoring Period:
From 06/01/21 to 06/30/21

DMR Due Date:
07/28/21

Status:
NetDMR Validated

Considerations for Form Completion
30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

Principal Executive Officer
First Name:
Last Name:

Title:
Telephone:

No Data Indicator (NODI)
Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample	Permit Req.	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	Quality or Concentration	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	0.253213	5.0	30DA AVG	0.253213	Req Mon DAILY	MX	26 - lb/d	Req Mon DAILY	MX	26 - lb/d	30.0	30DA AVG	<=	4.0	30.0	30DA AVG	<=	45.0	MX	7D	AV	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI																					01/30 - Monthly	GR - GRAB			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	0.31651645	12.0	30DA AVG	0.31651645	Req Mon DAILY	MX	26 - lb/d	Req Mon DAILY	MX	26 - lb/d	75.0	30DA AVG	<=	5.0	75.0	30DA AVG	<=	110.0	MX	7D	AV	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.																					01/07 - Weekly	GR - GRAB			
					Value NODI																									
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	0.00759	0.02	30DA AVG	0.00759	Req Mon DAILY	MX	03 - MGD	Req Mon DAILY	MX	03 - MGD	85.0	30DA AVG	<=	9.8	85.0	30DA AVG	<=	85.0	DAILY	MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB	
					Permit Req.																									
					Value NODI																									
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	0.00759	0.02	30DA AVG	0.01603	Req Mon DAILY	MX	03 - MGD	Req Mon DAILY	MX	03 - MGD	9999	Continuous	RC - Recorder (auto)	9999	Continuous	RC - Recorder (auto)	0								
					Permit Req.																									
					Value NODI																									

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

See attached letter.

Attachments

DMRfileJune2021.docx

Report Last Saved By
Mountain Coal Co LLC

User:
Kathleen , Well

Name:
kwell@archcoal.com

E-Mail:
2021-07-16 14:47 (Time Zone: -06:00)

Date/Time
Report Last Signed By

User:
JWILCZEK

Name:
Jessica Wilczek

E-Mail:
jwilczek@archnc.com

Date/Time:
2021-07-19 09:22 (Time Zone: -06:00)

docx

794261.0

DMR Copy of Record

Permit
Permit #: C00038776
Major: No
Permitted Feature: 005 External Outfall
Report Dates & Status
Monitoring Period: From 04/01/21 to 06/30/21
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
First Name:
Last Name:
Form NODI:
No Data Indicator (NODI)
Title:
Telephone:
Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somersel, CO 81434
Discharge: 005-W
Acute WET Testing for 005A
Facility: WEST ELK MINE
Facility Location: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434
Status: NetDMR Validated
DMR Due Date: 07/28/21

Code	Parameter Name	Monitoring Location	Season	# Param	NODI	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			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	--	Sample Permit Req. Value NODI	Req Mon MN VALUE C - No Discharge					23 - %	01/90 - Quarterly	GR - GRAB
TAN6C	LC50 Static 96Hr Acute Pimephales	1 - Effluent Gross	0	--	--	Sample Permit Req. Value NODI	Req Mon 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 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: 2021-07-16 14:07 (Time Zone: -06:00)
Report Last Signed By
User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archisc.com
Date/Time: 2021-07-19 09:22 (Time Zone: -06:00)

DMR Copy of Record

Permit

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:	005 External Outfall	Discharge:	005-AA Coal Conveyor Runoff (MB-3)		

Report Dates & Status

Monitoring Period:	From 06/01/21 to 06/30/21	DWR Due Date:	07/28/21	Status:	Not DMR Validated
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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 IC.1a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

Principal Executive Officer

First Name:		Title:	
Last Name:		Telephone:	
No Data Indicator (NODI)			

Form NODI:

Code	Parameter Name	Monitoring Location	Season & Param.	NODI	Sample Permit Req.	Value	Qualifier 1	Value 1	Quantity or Loading	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
00094	Conductivity	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			7B - dS/m		0230 - Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0		Sample Permit Req.	Value NODI		6.5 MINIMUM								9.0 MAXIMUM C - No Discharge			12 - SU		0130 - Monthly	GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			19 - ngl		0230 - Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										35.0 30DA AVG C - No Discharge			19 - ngl		0130 - Monthly	GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			19 - ngl		0230 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			19 - ngl		0230 - Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			19 - ngl		0230 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			1U - Ratio		0230 - Twice Per Month	CA - CALCCTD
00931	Sodium adsorption ratio	P - See Comments	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			1U - Ratio		0230 - Twice Per Month	CA - CALCCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			19 - ngl		0230 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										Req Mon 30DA AVG C - No Discharge			28 - ug/L		0230 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										3500.0 30DA AVG C - No Discharge			28 - ug/L		0130 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0		Sample Permit Req.	Value NODI										3287.0 30DA AVG			28 - ug/L		0230 - Twice Per Month	GR - GRAB

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

2021-07-16 14:06 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

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2021-07-19 09:22 (Time Zone: -06:00)

