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:	025 External Outfall	**Discharge:**	025-Q Quarterly Monitoring for 025A		

Report Dates & Status

Monitoring Period:	From 10/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample						=	800.0					19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample						=	6.6					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample						=	96.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample						=	15.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample									=	14.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample						=	10.0		=	10.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	46.0		=	46.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	8.0		=	8.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	2.6					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	9.0		=	9.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	580.0		=	580.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	4.2		=	4.2		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	4.2		=	4.2		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

04262	**Chromium, trivalent total recoverable**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<	20.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	**Mercury, total [low level]**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	0.033 Req Mon 30DA AVG		28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	**Sulfide-hydrogen sulfide [undissociated]**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	0.05 Req Mon 30DA AVG		19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	**Sulfate**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	98.0 Req Mon 30DA AVG		19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	**Boron, total**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	1.5 Req Mon 30DA AVG		19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 08:48 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somerset, CO 81434
Facility: WEST ELK MINE
Facility Location: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature: 025
External Outfall
Discharge: 025-A
Stormwater from Drainage Basin 49A5 to Sylvester Gulch

Report Dates & Status

Monitoring Period: From 12/01/20 to 12/31/20
DMR Due Date: 01/28/21
Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI								C - No Discharge			C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI								C - No Discharge			C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI								C - No Discharge			C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	<=	1.35 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-01-20 10:46 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

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:	017 External Outfall	**Discharge:**	**017-W** Acute WET Testing for 017A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

SEE I.D.1, PP. 32-34, FOR DETAILS OFTEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
TAM3C	**LC50 Static Renewal 48Hr Acute Daphnia magna**	1 - Effluent Gross	0	–		Sample Permit Req.						>=	100.0	MN	VALUE			23 - %		01/90 - Quarterly	G3 - GRAB-3
						Value NODI						C - No Discharge									
TAN6C	**LC50 Statre 96Hr Acute Pimephales**	1 - Effluent Gross	0	–		Sample Permit Req.						>=	100.0	MN	VALUE			23 - %		01/90 - Quarterly	G3 - GRAB-3
						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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:44 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 017A External Outfall

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133 Somerset, CO 81434
Discharge: 017A-W Acute Monthly WET Testing for 017A

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

Report Dates & Status

Monitoring Period: From 12/01/20 to 12/31/20
DMR Due Date: 01/28/21
Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
51464	Number of Events	1 - Effluent Gross	0	--	Sample Permit Req.								<	10.0 3CDA AVG	<	3.0 7 DA AVG	5J - #		01/30 - Monthly	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
81381	Duration of discharge	1 - Effluent Gross	0	--	Sample Permit Req.										<	3.0 7 DA AVG	5A - d		01/07 - Weekly	CA - CALCTD
					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: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-01-20 10:44 (Time Zone: -07:00)

Report Last Signed By

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

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:	027 External Outfall	**Discharge:**	**027-A** Stormwater from Drainage Basin 49A2 to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	<=	0.48 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:46 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

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:	027 External Outfall	**Discharge:**	**027-Q** Quarterly Monitoring for 027A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample						=	2700.0					19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample						=	3.9					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample						=	77.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample						=	7.2					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample										=	5.8	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample						=	4.4			=	4.4	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	23.0			=	23.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	27.0			=	27.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	1.3					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	3.8			=	3.8	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	240.0			=	240.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	1.7			=	1.7	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	13.0			=	13.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample					<	20.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.						Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI										
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample				<	0.2		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI										
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample				<	0.05		19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG		19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI										
81020	Sulfate	1 - Effluent Gross	0	--	Sample				=	280.0		19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG		19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI										
82057	Boron, total	1 - Effluent Gross	0	--	Sample				=	2.7		19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG		19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:21 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**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:	026 External Outfall	**Discharge:**	**026-A** Stormwater from Drainage Basin 49A3 to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
						Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--		Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--		Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--		Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		Sample Permit Req.	<=	0.22	30DA AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	IN - INSTAN
						Value NODI		C - No Discharge			C - No Discharge										

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:46 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

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:	026 External Outfall	**Discharge:**	**026-Q** Quarterly Monitoring for 026A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample			=	2600.0	19 - mg/L									01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG	19 - mg/L							0		01/90 - Quarterly	GR - GRAB
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample			=	4.6	28 - ug/L									01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG	28 - ug/L							0		01/90 - Quarterly	GR - GRAB
					Value NODI															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample			=	97.0	28 - ug/L									01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG	28 - ug/L							0		01/90 - Quarterly	GR - GRAB
					Value NODI															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample			=	9.0	28 - ug/L									01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG	28 - ug/L							0		01/90 - Quarterly	GR - GRAB
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample								=	6.9			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample			=	5.3				=	5.3			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG					Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample			=	66.0				=	66.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG					Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample			=	11.0				=	11.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG					Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample			=	3.2								28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG								28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample			=	12.0				=	12.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG					Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample			=	780.0				=	780.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG					Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample			=	6.9				=	6.9			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG					Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample			=	12.0				=	12.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG					Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

04262	**Chromium, trivalent total recoverable**	1 - Effluent Gross	0	--	Sample				<	20.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
50286	**Mercury, total [low level]**	1 - Effluent Gross	0	--	Sample				<	0.2	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
51202	**Sulfide-hydrogen sulfide [undissociated]**	1 - Effluent Gross	0	--	Sample				<	0.05	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
81020	**Sulfate**	1 - Effluent Gross	0	--	Sample				=	270.0	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
82057	**Boron, total**	1 - Effluent Gross	0	--	Sample				=	2.6	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:21 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	014 External Outfall	**Discharge:**	**014-Q** Quarterly Monitoring for 014A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

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

					Value NODI		C - No Discharge		C - No Discharge			
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon DAILY MX C - No Discharge	26 - ug/L	01/90 - Quarterly	GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			26 - ug/L	01/90 - Quarterly	GR - GRAB
51202	Sulfide-hydrogen sulf de [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			19 - mg/L	01/90 - Quarterly	GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			26 - ug/L	01/90 - Quarterly	GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			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:	2021-01-20 10:42 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	015 External Outfall	**Discharge:**	**015-AA** Surface Runoff to N. Fork of Gunnison River		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	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		02/30 - 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		01/30 - Monthly	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 C - No Discharge	19 - mg/L		02/30 - 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	19 - mg/L		01/30 - 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 C - No Discharge	19 - mg/L		02/30 - 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 C - No Discharge	19 - mg/L		02/30 - 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 C - No Discharge	19 - mg/L		02/30 - 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 C - No Discharge	1U - Ratio		02/30 - 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 C - No Discharge	1U - Ratio		02/30 - 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			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge			26 - ug/L		02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								<=	3000.0 30DA AVG C - No Discharge	<=	6000.0 DAILY MX C - No Discharge	28 - ug/L		01/30 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req.								<=	3297.0 30DA AVG			28 - ug/L		02/30 - 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	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
01303	Zinc, potentially disso ved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
01318	Lead, potentially dissclvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<=	10.0 INST MAX C - No Discharge	19 - mg/L	77/77 - 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 C - No Discharge	03 - MGD				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	
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon INST MAX C - No Discharge	AB - absl=0;prsl=1				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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:42 (Time Zone: -07:00)

Report Last Signed By

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

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:	012A External Outfall	**Discharge:**	**012A-W** Acute Monthly WET Testing for 012A		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter 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	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
51464	**Number of Events**	1 - Effluent Gross	0	--	Sample Permit Req.								<	10.0 30DA AVG	<	3.0 MX 7D AV	5J - #		01/30 - Monthly	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
81381	**Duration of discharge**	1 - Effluent Gross	0	--	Sample Permit Req.										<	3.0 MX 7D AV	5A - d		01/07 - Weekly	CA - CALCTD
					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:	JWELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:32 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	014 External Outfall	**Discharge:**	**014-AA** Surface Runoff to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					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				
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				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	<=	0.03 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:41 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**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:	017 External Outfall	**Discharge:**	**017-AA** Mine Water & MWTF		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Value NODI									C - No Discharge		C - No Discharge				
00094	Conductivity	1 - Effluent Gross	0	--	Sample															
					Permit Req.							Req Mon 30DA AVG					7B - 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		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		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				
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			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.									100.0 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.									1000.0 30DA AVG		6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB

					Value NODI							C - No Discharge		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		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								<=	10.0 INST MAX C - No Discharge	19 - mg/L	77/77 - Conlingent	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	0.29 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						<=	2.59 30DA AVG C - No Discharge			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon INST MAX AB - abst=0;prsl=1 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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:43 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Sorr ersel, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	017 External Outfall	**Discharge:**	017-Q Quarterly Monitoring for 017A		

Report Dates & Status

Monitoring Period:	From 10/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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 Gross	0	--		Sample Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:44 (Time Zone: -07:00)

Report Last Signed By

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

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:	015 External Outfall	**Discharge:**	015-Q Quarterly Monitoring for 015A		

Report Dates & Status

Monitoring Period:	From 10/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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 Gross	0	–	Sample Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:43 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	015 External Outfall	**Discharge:**	**015-W** Acute WET Testing for 011A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

SEE I.D.1. PP. 32-34, FOR DETAILS OFTEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH ISLETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
TAM3C	**LC50 Static Renewal 48Hr Acute Daphnia magna**	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon	MN	VALUE				23 - %		01/90 - Quarterly	GR - GRAB
					Value NODI						C - No Discharge									
TAN6C	**LC50 Statre 96Hr Acute Pimephales**	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon	MN	VALUE				23 - %		01/90 - Quarterly	GR - GRAB
					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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:43 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	UST1 Receiving Water (Ambient)	**Discharge:**	**UST1-A** Instream Monitoring		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter 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	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	--	Sample Permit Req. Value NODI										Req Mon MX WK AV 5 - Frozen Conditions	Req Mon DAILY MX 5 - Frozen Conditions	04 - deg C		99/99 - Continuous	RC - Recorder (auto)

Submission Note

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

Edit Check Errors

No errors.

Comments

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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

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

Report Last Signed By

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

DMR Copy of Record

Permit

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:	UST2 Receiving Water (Ambient)	**Discharge:**	**UST2-A** Instream Monitoring		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	**Temperature, water deg. centigrade**	Z - Instream Monitoring	0	--	Sample Permit Req. Value NODI									Req Mon MX WK AV 5 - Frozen Conditions		Req Mon DAILY MX 5 - Frozen Conditions	04 - deg C		99/99 - Continuous	RC - Recorder (auto)

Submission Note

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

Edit Check Errors

No errors.

Comments

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

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

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

Report Last Signed By

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

DMR Copy of Record

Permit

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:	035 External Outfall	**Discharge:**	**035-Q** Quarterly Monitoring for 035A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

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

04262	**Chromium, trivalent 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
50286	**Mercury, total [low level]**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	26 - ug/L	01/90 - Quarterly	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	01/90 - Quarterly	GR - GRAB
81020	**Sulfate**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	19 - mg/L	01/90 - Quarterly	GR - GRAB
82057	**Boron, total**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:17 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	300 Influent Structure	**Discharge:**	300-I Influent Measurements		

Report Dates & Status

Monitoring Period:	From 12/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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	--	Sample								=	34.2			23 - %		01/30 - Monthly	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG			23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00180	Plant capacity fact. percent of capacity	Q - See Comments	0	--	Sample								=	77.88			23 - %		01/30 - Monthly	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG			23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	21.807	=	21.807	26 - lb/d	=	382.0	=	382.0			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.		Req Mon 30DA AVG		Req Mon MX 7D AV	26 - lb/d		Req Mon 30DA AVG		Req Mon MX 7D AV			19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample						=	174.0	=	174.0			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.							Req Mon 30DA AVG		Req Mon MX 7D AV			19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:21 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	032 External Outfall	**Discharge:**	**032-A** Stormwater from Drainage Basins 43A and 43F to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample															
					Permit Req.	<=	0.58	30DA AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:48 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	032 External Outfall	**Discharge:**	032-Q Quarterly Monitoring for 032A		

Report Dates & Status

Monitoring Period:	From 10/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample						=	300.0					19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample						=	4.8					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample						=	40.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample						=	15.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample									=	14.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.										Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample						=	9.9		=	9.9		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	40.0		=	40.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	9.5		=	9.5		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample						<	15.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	6.9		=	6.9		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	390.0		=	390.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	5.4		=	5.4		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample						<	25.0		<	25.0		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG			Req Mon DAILY MX		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

04262	Chromium, trivalent to:al recoverable	1 - Effluent Gross	0	--	Sample				<	20.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample				=	0.2	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample				<	0.05	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
81020	Sulfate	1 - Effluent Gross	0	--	Sample				=	52.0	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
82057	Boron, total	1 - Effluent Gross	0	--	Sample				=	0.72	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:44 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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 46B1 and 46B2 to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season	# Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	–	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	–	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample Permit Req.	<=	0.07	30DA AVG		03 - MGD									01/30 - Monthly	IN - INSTAN
					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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:47 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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-Q** Quarterly Monitoring for 030A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	--		Sample						=	250.0					19 - mg/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG					19 - mg/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--		Sample						=	1.8					28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--		Sample						=	22.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--		Sample						=	2.1					28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--		Sample								=	2.4			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01118	Chromium, total recoverable	1 - Effluent Gross	0	--		Sample						=	2.1	=	2.1			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--		Sample						=	13.0	=	13.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--		Sample						=	1.7	=	1.7			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--		Sample						<	3.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--		Sample						=	1.7	=	1.7			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--		Sample						=	90.0	=	90.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--		Sample						=	1.3	=	1.3			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--		Sample						=	1.1	=	1.1			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
						Value NODI															

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<	20.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			<	0.2 Req Mon 30DA AVG		28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			<	0.05 Req Mon 30DA AVG		19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	41.0 Req Mon 30DA AVG		19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	0.62 Req Mon 30DA AVG		19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:33 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	034 External Outfall	**Discharge:**	**034-Q** Quarterly Monitoring for 034A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample						=	3.1					19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample						=	0.65					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample						<	2.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample						=	1.1					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample								=	0.75			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample						<	3.0	<	3.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	13.0	=	13.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample							2.0	<	2.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample						<	3.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	0.49	=	0.49			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	18.0	=	18.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	0.29	=	0.29			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample						<	5.0	<	5.0			28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample				<	20.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.					Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample			<	0.2		28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG		28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample			<	0.05		19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG		19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
81020	Sulfate	1 - Effluent Gross	0	--	Sample			=	65.0		19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG		19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI									
82057	Boron, total	1 - Effluent Gross	0	--	Sample			=	0.032		19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.				Req Mon 30DA AVG		19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:16 (Time Zone: -07:00)

Report Last Signed By

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

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:	035 External Outfall	**Discharge:**	**035-A** Stormwater Runoff from Train Loadout Area to N. Fork of Gunnison River		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
						Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--		Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--		Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		Sample Permit Req.	<=	1.3 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
						Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:17 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	033 Internal Outfall	**Discharge:**	**033-A** Stormwater from Drainage Basin 43D and 43E		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
						Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--		Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--		Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--		Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	26 - ug/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--		Sample Permit Req.	<=	0.54 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
						Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

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

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**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:	034 External Outfall	**Discharge:**	**034-A** Comingled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:		**Title:**	**Telephone:**
Last Name:			

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
						Value NODI							C - No Discharge				C - No Discharge				
00980	**Iron, total recoverable**	1 - Effluent Gross	0	--		Sample															
						Permit Req.									Req Mon 30DA AVG			28 - ug/L		01/30 - Monthly	GR - GRAB
						Value NODI									C - No Discharge						
50050	**Flow, in conduit or thru treatment plant**	1 - Effluent Gross	0	--		Sample															
						Permit Req.	<=	0.39	30DA AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	IN - INSTAN
						Value NODI		C - No Discharge			C - No Discharge										

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

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

Report Last Signed By

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

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quantity or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
TAM3C	**LC50 Static Renewal 48Hr Acute Daphnia magna**	1 - Effluent Gross	0	--		Sample Permit Req.						>=	100.0 MN VALUE					23 - %		01/90 - Quarterly	GR - GRAB
						Value NODI							C - No Discharge								
TAN6C	**LC50 Statre 96Hr Acute Pimephales**	1 - Effluent Gross	0	--		Sample Permit Req.						>=	100.0 MN VALUE					23 - %		01/90 - Quarterly	GR - GRAB
						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:	3WELTBOYS
Name:	Kathleen Well
E-Mail:	kwell@archcoal.com
Date/Time:	2021-01-20 10:30 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

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:	011 External Outfall	**Discharge:**	011-AA Mine Water to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	From 12/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Value NODI									C - No Discharge		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						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Permit Req.															
					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				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					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			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.								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB

					Value NODI							C - No Discharge		C - No Discharge			
01056	Manganese, dissolved [as Mn]	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					
01074	Nickel, 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					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge			
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge					
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge		C - No Discharge			
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.								<=	10.0 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
					Value NODI									C - No Discharge			
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	<=	0.014 30DA AVG	Req Mon DAILY MX	03 - MGD							01/07 - Weekly	IN - INSTAN
					Value NODI		C - No Discharge	C - No Discharge									
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge					
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge					
51484	Number of Events	1 - Effluent Gross	0	--	Sample Permit Req.					<	10.0 30DA AVG	<	3.0 7 DA AVG		5J - #	01/30 - Monthly	CA - CALCTD
					Value NODI						C - No Discharge		C - No Discharge				
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG				19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Value NODI						C - No Discharge						
81381	Duration of discharge	1 - Effluent Gross	0	--	Sample Permit Req.					<	3.0 7 DA AVG				5A - d	01/07 - Weekly	CA - CALCTD
					Value NODI						C - No Discharge						
					Sample Permit Req.						Req Mon 30DA AVG				19 - mg/L	02/30 - Twice Per Month	GR - GRAB

82057	**Boron, total**	1 - Effluent Gross	0	--	Value NODI		C - No Discharge		
84066	**Oil and grease visual**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon INST MAX AB - absl=0;prsl=1 C - No Discharge		01/07 - Weekly	VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:30 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	009 External Outfall	**Discharge:**	009-AA Subsoil Stockpile Runoff (MB-5)		

Report Dates & Status

Monitoring Period:	From 12/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG			7B - 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		01/30 - 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				
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				
00640	Nitrogen, inorganic total	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<=	652.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI											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			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.								<=	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. Value NODI					<=	3297.0 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01074	Nickel, total recoverab e	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	10.0 INST MAX C - No Discharge	19 - mg/L	77/77 - 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	<=	0.23 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	03 - MGD						01/30 - Monthly	IN - INSTAN
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	0.5 INST MAX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<=	2000.0 30DA GM C - No Discharge	<=	4000.0 MX 7D GM C - No Discharge	13 - #/100mL	02/30 - Twice Per Month	GR - GRAB
51202	Sulfide-hydrogen sulfice [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
84066	**Oil and grease visual**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon INST MAX AB - abst=0;prst=1 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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:50 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	009 External Outfall	**Discharge:**	009-Q Quarterly Monitoring for 009A		

Report Dates & Status

Monitoring Period:	From 10/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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 Gross	C	--	Sample Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB	
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:30 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	012 External Outfall	**Discharge:**	**012-Q** Quarterly Monitoring for 012A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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 Gross	0	–	Sample Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:31 (Time Zone: -07:00)

Report Last Signed By

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

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:	012 External Outfall	**Discharge:**	**012-W** Acute WET Testing for 012A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

SEE 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:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
TAM3C	**LC50 Static Renewal 48Hr Acute Daphnia magna**	1 - Effluent Gross	0	--	Sample Permit Req.						>=	100.0	MN VALUE				23 - %		01/90 - Quarterly	G3 - GRAB-3
					Value NODI							C - No Discharge								
TAN6C	**LC50 Statre 96Hr Acute Pimephales**	1 - Effluent Gross	0	--	Sample Permit Req.						>=	100.0	MN VALUE				23 - %		01/90 - Quarterly	G3 - GRAB-3
					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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:32 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**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:	011 External Outfall	**Discharge:**	**011-Q** Quarterly Monitoring for 011A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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 Gross	0	–	Sample Permit Req. Value NODI									Req Mon QRTR AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	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, ther none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis and Sample Type.

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:31 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 012 External Outfall

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133 Somerset, CO 81434
Discharge: 012-AA Mine Water to Minnesota Creek

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

Report Dates & Status

Monitoring Period: From 12/01/20 to 12/31/20
DMR Due Date: 01/28/21
Status: NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	--	Sample Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					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		01/07 - Weekly	GR - GRAB
					Value NODI							C - No Discharge				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				
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.								<=	3500.0 30DA AVG	<=	7000.0 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.									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
01056	Manganese, dissolved [as Mn]	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						
01074	Nickel, 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						
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI							C - No Discharge					
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge	C - No Discharge					
01303	Zinc, potentially disso ved	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge	C - No Discharge					
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge	C - No Discharge					
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge						
01318	Lead, potentially dissclvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge	C - No Discharge					
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge	C - No Discharge					
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge	C - No Discharge					
01323	Selenium, potentially cissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge	C - No Discharge					
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.						<=	10.0 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB		
					Value NODI							C - No Discharge					
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI							C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	<=	0.072 30DA AVG	Req Mon DAILY MX	03 - MGD					01/30 - Monthly	IN - INSTAN		
					Value NODI		C - No Discharge	C - No Discharge									
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month	GR - GRAB		
					Value NODI						C - No Discharge						
					Sample Permit									02/30 - Twice Per			

51202	**Sulfide-hydrogen sulfide [undissociated]**	1 - Effluent Gross	0	--	Req. Value NODI							Req Mon 30DA AVG C - No Discharge	19 - mg/L	Month	GR - GRAB
51464	**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	5J - #	01/30 - Monthly	CA - CALCTD
81020	**Sulfate**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - 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
82057	**Boron, total**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
84066	**Oil and grease visual**	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon INST MAX C - No Discharge	AB - abst=0;prst=1							01/07 - Weekly	VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 10:41 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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-Q Quarterly Monitoring for 005A		

Report Dates & Status

Monitoring Period:	From 10/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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 Gross	0	--	Sample Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:49 (Time Zone: -07:00)

Report Last Signed By

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

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-W Acute WET Testing for 005A		

Report Dates & Status

Monitoring Period:	From 10/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param.	NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--		Sample Permit Req.	Req Mon	MN	VALUE									23 - %		01/90 - Quarterly	GR - GRAB
						Value NODI	C - No Discharge														
TAN6C	LC50 Statre 96Hr Acute Pimephalea	1 - Effluent Gross	0	--		Sample Permit Req.	Req Mon	MN	VALUE									23 - %		01/90 - Quarterly	GR - GRAB
						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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:49 (Time Zone: -07:00)

Report Last Signed By

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

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 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG			7B - 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		01/30 - 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				
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				
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			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.								<=	3500.0 30DA AVG	<=	7000.0 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

					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	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						<=	10.0 INST MAX C - No Discharge	19 - mg/L	77/77 - 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 C - No Discharge	03 - MGD					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
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon INST MAX C - No Discharge	AB - abst=0;prsl=1					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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:48 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	CO0038776	**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:	008 External Outfall	**Discharge:**	008-Q Quarterly Monitoring for 008A		

Report Dates & Status

Monitoring Period:	From 10/01/20 to 12/31/20	**DMR Due Date:**	01/28/21	**Status:**	NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration 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 Gross	[	--	Sample Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:49 (Time Zone: -07:00)

Report Last Signed By

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

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:	008 External Outfall	**Discharge:**	**008-W** Acute WET Testing for 008A		

Report Dates & Status

Monitoring Period:	**From 10/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	# Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
TAM3C	**LC50 Static Renewal 48Hr Acute Daphnia magna**	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon	MN	VALUE					23 - %	01/90 - Quarterly	GR - GRAB
					Value NODI						C - No Discharge									
TAN6C	**LC50 Statre 96Hr Acute Pimephales**	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon	MN	VALUE					23 - %	01/90 - Quarterly	GR - GRAB
					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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:50 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**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:	007 Internal Outfall	**Discharge:**	**007-A** Domestic WWTP Polishing Pond		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

Principal Executive Officer

First Name:	**Title:**	**Telephone:**
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season	#	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	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	=	0.22835	=	0.22835	26 - lb/d	<	4.0	<	4.0			19 - mg/L		01/30 - Monthly	GR - GRAB
						Permit Req.	<=	5.0 30DA AVG		Req Mon DAILY MX	26 - lb/d	<=	30.0 30DA AVG	<=	45.0 MX 7D AV			19 - mg/L	0	01/30 - Monthly	GR - GRAB
						Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0		--	Sample	=	1.0658	=	4.11	26 - lb/d	=	19.02	=	72.0			19 - mg/L		01/07 - Weekly	GR - GRAB
						Permit Req.	<=	12.0 30DA AVG		Req Mon DAILY MX	26 - lb/d	<=	75.0 30DA AVG	<=	110.0 MX 7D AV			19 - mg/L	0	01/07 - Weekly	GR - GRAB
						Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0		--	Sample						<	0.05	<	0.05			19 - mg/L		01/30 - Monthly	GR - GRAB
						Permit Req.						<=	85.0 30DA AVG	<=	85.0 DAILY MX			19 - mg/L	0	01/30 - Monthly	GR - GRAB
						Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		--	Sample	=	0.005845	=	0.0126	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
						Permit Req.	<=	0.02 30DA AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
						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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-19 08:49 (Time Zone: -07:00)

Report Last Signed By

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

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**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:	008 External Outfall	**Discharge:**	**008-AA** Loadout Runoff (MB4)		

Report Dates & Status

Monitoring Period:	**From 12/01/20 to 12/31/20**	**DMR Due Date:**	**01/28/21**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

First Name:		**Title:**		**Telephone:**	
Last Name:					

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	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			78 - dS/m		02/30 - 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		01/30 - Monthly	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 C - No Discharge	19 - mg/L		02/30 - 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	19 - mg/L		01/30 - Monthly	GR - GRAB
00916	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L		02/30 - 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 C - No Discharge	19 - mg/L		02/30 - 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 C - No Discharge	19 - mg/L		02/30 - 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 C - No Discharge	1U - Ratio		02/30 - 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 C - No Discharge	1U - Ratio		02/30 - 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			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								<=	3000.0 30DA AVG C - No Discharge	<=	6000.0 DAILY MX C - No Discharge	28 - ug/L		01/30 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req.								<=	3297.0 30DA AVG			28 - ug/L		02/30 - 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	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<=	10.0 INST MAX C - No Discharge	19 - mg/L	77/77 - 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. <=	0.03 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	03 - MGD					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
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon INST MAX C - No Discharge	AB - absl=0;prsl=1					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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-01-20 09:49 (Time Zone: -07:00)

Report Last Signed By

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