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 09/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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
51484	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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-10-19 10:50 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	011 External Outfall	**Discharge:**	**011-Q** Quarterly Monitoring for 011A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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:	2021-10-19 10:49 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 09/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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 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		0.23 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 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 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:	2021-10-19 10:47 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	032 External Outfall	**Discharge:**	**032-Q** Quarterly Monitoring for 032A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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						=	5.2					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						=	3.2					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															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample						=	1.9					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															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample						=	7.7					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									=	9.6		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						=	130.0		=	130.0		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						=	5.2		=	5.2		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															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample						<	20.0					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						=	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															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	130.0		=	130.0		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						=	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															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	0.0		=	0.0		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															

04282	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<	20.0 Req Mon DAILY MX	23 - ug/L 23 - ug/L	0	01/30 - Quarterly 01/30 - Quarterly	GR - GRAB GR - GRAB
50266	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				=	0.044 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/30 - Quarterly 01/30 - 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				=	50.0 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				=	0.047 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 Tracing, 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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time	2021-10-21 10:16 (Time Zone: -05:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	015 External Outfall	**Discharge:**	**015-W** Acute WET Testing for 011A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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. Value NODI						Req Mon MN VALUE C - No Discharge						23 - %		01/90 - Quarterly	GR - GRAB
TAN6C	LC50 Statre 96Hr Acute Pimephales	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon MN VALUE C - No Discharge						23 - %		01/90 - Quarterly	GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwell@archcoal.com
Date/Time:	2021-10-19 10:52 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133 Somerset, CO 81434
Discharge: 015-AA Surface Runoff to N. Fork of Gunnison River

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

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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:
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
00094	Conductivity	1 - Effluent Gross	0	--	Sample												7B - dS/m		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG						
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					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												19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample												1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample												1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample												19 - mg/L		02/30 - Twice Per Month	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		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG						
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample								<=	3297.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															

					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 03 - MGD C - No Discharge					01/30 - Monthly	IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
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:	2021-10-19 10:51 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 07/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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									Req Mon 30DA AVG			19 - mg/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge						
						Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge						
						Value NODI															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge						
						Value NODI															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge						
						Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--		Sample											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.											C - No Discharge				
						Value NODI															
01118	Chromium, total recoverable	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge		C - No Discharge				
						Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge		C - No Discharge				
						Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge		C - No Discharge				
						Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG			28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge						
						Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge		C - No Discharge				
						Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge		C - No Discharge				
						Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.									C - No Discharge		C - No Discharge				
						Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--		Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
						Permit Req.															

					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		28 - 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		28 - 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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-11 13:11 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	017 External Outfall	**Discharge:**	**017-AA** Mine Water & MWTF		

Report Dates & Status

Monitoring Period:	**From 09/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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. Value NODI									Req Mon MX WK AV C - No Discharge		Req Mon DAILY MX C - No Discharge	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge					78 - dS/m		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		01/07 - Weekly	GR - GRAB
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX 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								<=	100.0 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.								<=	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 - 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	0.29 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;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:	2021-10-19 10:52 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	007 Internal Outfall	**Discharge:**	**007-A** Domestic WWTP Polishing Pond		

Report Dates & Status

Monitoring Period:	**From 09/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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	=	0.183747	=	0.183747	26 - lb/d	<	4.0	<	4.0			19 - mg/L	0	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		01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	0.26459551	=	0.40424314	26 - lb/d	=	5.76	=	8.8			19 - mg/L	0	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		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	0	01/30 - Monthly	GR - GRAB
					Permit Req.						<=	85.0 30DA AVG	<=	85.0 DAILY MX			19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.005508	=	0.01337	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.	<=	0.02 30DA AVG		Req Mon DAILY MX	03 - MGD									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:	2021-10-19 11:15 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	008 External Outfall	**Discharge:**	**008-AA** Loadout Runoff (MB4)		

Report Dates & Status

Monitoring Period:	**From 09/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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	10 - 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	10 - 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. <= Value NODI	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 - abst=0;prst=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:	2021-10-19 10:46 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 09/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	15.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	0.03 30DA AVG		Req Mon DAILY MX	03 - MGD										
					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:	2021-10-19 10:51 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133 Somerset, CO 81434
Facility: WEST ELK MINE
Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature: 012 External Outfall
Discharge: 012-AA Mine Water to Minnesota Creek

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Permit Req.															
					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				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															

					Value NODI				C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon DAILY MX 28 - ug/L C - No Discharge		02/30 - Twice Per Month	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge		02/30 - Twice Per Month	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge		02/30 - Twice Per Month	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX 28 - ug/L C - No Discharge		02/30 - Twice Per Month	GR - GRAB
01314	Chromium, trivalent, potentially 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 28 - ug/L C - No Discharge		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 28 - ug/L C - No Discharge		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 28 - ug/L C - No Discharge		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 28 - ug/L C - No Discharge		02/30 - Twice Per Month	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<=	10.0 INST MAX 19 - mg/L C - No Discharge		77/77 - Contingent	GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Rec Mon DAILY MX 28 - ug/L C - No Discharge		02/30 - Twice Per Month	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.072 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
					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
51484	Number of Events	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			<	10.0 30DA AVG C - No Discharge	<	3.0 7 DA AVG C - No Discharge		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 - absl=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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-11 13:10 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	005 External Outfall	**Discharge:**	**005-W** Acute WET Testing for 005A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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 Value NODI						Req Mon C - No Discharge	MN	VALUE				23 - %		01/90 - Quarterly	GR - GRAB
TAN6C	LC50 Statre 96Hr Acute Pimephales	1 - Effluent Gross	0	--	Sample Permit Req Value NODI						Req Mon C - No Discharge	MN	VALUE				23 - %		01/90 - Quarterly	GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-10-19 10:46 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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						>=	100.0	MN	VALUE			23 - %		01/90 - Quarterly	GR - GRAB
						Permit Req.															
						Value NODI						C - No Discharge									
TAN6C	**LC50 Statre 96Hr Acute Pimephales**	1 - Effluent Gross	0	--		Sample						>=	100.0	MN	VALUE			23 - %		01/90 - Quarterly	GR - GRAB
						Permit Req.															
						Value NODI						C - No Discharge									

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-10-19 10:48 (Time Zone: -05:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 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 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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		Rec 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, 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:	2021-10-19 10:45 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 07/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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									Req Mon QRTR AVG		Req Mon DAILY MX	I9 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.									C - No Discharge		C - No Discharge				
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-11 13:10 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	025 External Outfall	**Discharge:**	025-Q Quarterly Monitoring for 025A		

Report Dates & Status

Monitoring Period:	From 07/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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						=	1000.0					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						=	28.0					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															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample						=	110.0					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						=	29.0					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									=	99.0		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						=	68.0	=	68.0			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						=	180.0	=	180.0			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						=	35.0	=	35.0			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						<	20.0					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						=	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															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	4200.0	=	4200.0			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						=	29.0	=	29.0			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															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	3.7	=	3.7			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															

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				=	68.0 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		=	0.17 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	01/50 - Quarterly 01/50 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		=	120.0 Req Mon 30DA AVG			19 - mg/L 19 - mg/L	0	01/50 - Quarterly 01/50 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		=	0.97 Req Mon 30DA AVG			19 - mg/L 19 - mg/L	0	01/50 - Quarterly 01/50 - 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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-25 07:51 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 07/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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:	kwell@archcoal.com
Date/Time:	2021-10-19 10:52 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	008 External Outfall	**Discharge:**	**008-W** Acute WET Testing for 008A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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 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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-11 13:09 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 025 External Outfall

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133 Somerset, CO 81434
Discharge: 025-A Stormwater from Drainage Basin 49A5 to Sylvester Gulch

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

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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						=	7.66			=	7.66	12 - SU	0	01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	2900.0	=	2900.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								=	15.0	=	15.0	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	28000.0	=	28000.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0504	=	0.0504	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	1.35	30DA AVG	Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-10-21 10:22 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	017 External Outfall	**Discharge:**	**017-W** Acute WET Testing for 017A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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						>=	100.0 MN VALUE					23 - %		01/90 - Quarterly	G3 - GRAB-3
					Permit Req.							C - No Discharge								
					Value NODI															
TAN6C	LC50 Statre 96Hr Acute Pimephales	1 - Effluent Gross	0	--	Sample						>=	100.0 MN VALUE					23 - %		01/90 - Quarterly	G3 - GRAB-3
					Permit Req.							C - No Discharge								
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-11 13:12 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somersel, 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 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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									Req Mon QRTR AVG		Req Mon DAILY MX	I9 - mg/L		01/90 - Quarterly	GR - GRAB
						Permit Req.															
						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:	2021-10-19 10:51 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

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

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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	Quantity 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						=	7.8			=	7.8	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	470.0	=	470.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	98000.0	=	98000.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.001584	=	0.001584	03 - MGD									01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	1.3 30DA AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-10-21 10:24 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 07/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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:	2021-10-19 10:49 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail	jwilczek@archrsc.com
Date/Time	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	017A External Outfall	**Discharge:**	**017A-W** Acute Monthly WET Testing for 017A		

Report Dates & Status

Monitoring Period:	From 09/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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
51484	Number of Events	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<	10.0 30DA 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:	2021-10-19 10:53 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 005 External Outfall

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133 Somerset, CO 81434
Discharge: 005-AA Coal Conveyor Runoff (MB-3)

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

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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:
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
00094	Conductivity	1 - Effluent Gross	0	--	Sample												78 - dS/m		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG						
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample												19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					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												19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample												1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample												1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX				
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample												19 - mg/L		02/30 - Twice Per Month	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		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG						
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample								<=	3297.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															

					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 - 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:	2021-10-19 10:45 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	035 External Outfall	**Discharge:**	**035-Q** Quarterly Monitoring for 035A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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								=	120.0			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								=	44.0			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								=	19.0			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										=	25.0	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								=	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															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample								=	160.0	=	160.0	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								=	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															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample								<	20.0			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								=	16.0	=	16.0	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								=	460.0	=	460.0	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								=	7.5	=	7.5	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															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	3.1	=	3.1	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															

34262	Chromium, trivalent total recoverable	1 - Effluent Gross	C	--	Sample Permit Req. Value NODI				*	20.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01/50 - Quarterly 01/50 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	C	--	Sample Permit Req. Value NODI			=	0.079 Req Mon 30DA AVG		28 - ug/L 28 - ug/L	0	01/50 - Quarterly 01/50 - 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			=	25.0 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			=	0.56 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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-21 10:19 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	034 External Outfall	**Discharge:**	**034-Q** Quarterly Monitoring for 034A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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								=	110.0			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								=	4.2			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															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample								=	3.7			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								=	13.0			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										=	12.0	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								=	9.7	=	9.7	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															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample								=	31.0	=	31.0	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								=	7.9	=	7.9	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															
01314	Chromium, trivalent, potentially dissolvd	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															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	6.4	=	6.4	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															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	260.0	=	260.0	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								=	3.9	=	3.9	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								=	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															

04262	Chromium trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			<	20.0 Req Mon DAILY MX	28 - µg/L 28 - µg/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			=	0.022 Req Mon 30DA AVG	28 - µg/L 28 - µg/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			=	13.0 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			=	0.45 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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-21 10:18 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 09/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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						=	27.54					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						=	13.0					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	=	3.76	=	3.76	26 - lb/d	=	81.9	=	81.9			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						=	138.0	=	138.0			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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-18 14:12 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 07/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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:	2021-10-19 10:47 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	027 External Outfall	**Discharge:**	**027-Q** Quarterly Monitoring for 027A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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	Quality or Concentration Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00940	Chloride [as Cl]	1 - Effluent Gross	0	--		Sample			=	760.0			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			=	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										
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--		Sample			=	52.0			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			=	100.0			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					=	68.0	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			=	49.0	=	49.0	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			=	220.0	=	220.0	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			=	35.0	=	35.0	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			<	20.0			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			=	30.0	=	30.0	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			=	4700.0	=	4700.0	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			=	36.0	=	36.0	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										
01323	Selenium, 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										

34262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				=	49.0 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				=	0.17 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				=	93.0 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				=	0.77 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:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-21 10:30 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	032 External Outfall	**Discharge:**	**032-A** Stormwater from Drainage Basins 43A and 43F to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	From 09/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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						=	8.21			=	8.21	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	680.0	=	680.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								=	0.4	=	0.4	25 - mL/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	27000.0	=	27000.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.01152	=	0.01152	03 - MGD									01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	0.58 30DA AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-21 10:23 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	030 External Outfall	**Discharge:**	**030-Q** Quarterly Monitoring for 030A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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						=	420.0					19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					19 - mg/L		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		01/90 - Quarterly	GR - GRAB
					Value NODI															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample						=	9.9					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample						=	9.2					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample										=	9.3	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample						=	7.6			=	7.6	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L		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		01/90 - Quarterly	GR - GRAB
					Value NODI															
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample						=	5.5			=	5.5	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample						<	20.0					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI															
01318	Lead, potentially dissolvd	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		01/90 - Quarterly	GR - GRAB
					Value NODI															
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	260.0			=	260.0	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						=	3.2			=	3.2	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						<	2.8			=	2.8	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															

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			=	0.059 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
31202	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
31020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	58.0 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			=	0.6 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:	2021-10-19 15:33 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	008 External Outfall	**Discharge:**	**008-Q** Quarterly Monitoring for 008A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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:	2021-10-19 10:46 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	UST2 Receiving Water (Ambient)	**Discharge:**	**UST2-A** Instream Monitoring		

Report Dates & Status

Monitoring Period:	**From 09/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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						=	13.832	=	15.808			04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.							Req Mon MX WK AV		Req Mon DAILY MX			04 - deg C	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:	2021-10-21 12:35 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Permitted Feature: 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 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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						=	8.46			=	8.46	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	1800.0			28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.000432	=	0.000432	03 - MGD									01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	0.39 30DA AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-10-21 10:24 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	026 External Outfall	**Discharge:**	**026-Q** Quarterly Monitoring for 026A		

Report Dates & Status

Monitoring Period:	**From 07/01/21 to 09/30/21**	**DMR Due Date:**	**10/28/21**	**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						=	980.0					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						=	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															
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample						=	120.0					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						=	45.0					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									=	42.0		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						=	31.0		=	31.0		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						=	100.0		=	100.0		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						=	21.0		=	21.0		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						<	20.0					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						=	24.0		=	24.0		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						=	2000.0		=	2000.0		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						=	17.0		=	17.0		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															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample						=	2.5		=	2.5		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															

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	31.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50285	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			=	0.12 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			=	94.0 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			=	0.91 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:	NPOULCS1037
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-25 07:52 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

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

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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:
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	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 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.									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. 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
04282	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	0.014 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge								01/07 - Weekly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge			19 - mg/L	02/30 - Twice Per Month GR - GRAB
51484	Number of Events	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<	10.0 30DA AVG C - No Discharge	<	3.0 7 DA AVG C - No Discharge	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
					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 - abst=0;prst=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:	2021-10-19 10:48 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

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

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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						=	8.16			=	8.16	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	360.0	=	360.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								=	0.2	=	0.2	25 - mL/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	19000.0	=	19000.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.072	=	0.072	03 - MGD									01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	0.48 30DA AVG		Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-10-21 10:23 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	033 Internal Outfall	**Discharge:**	033-A Stormwater from Drainage Basin 43D and 43E		

Report Dates & Status

Monitoring Period:	From 09/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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							=	8.05			=	8.05	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample									=	31.0	=	31.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI																
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample									=	0.0	=	0.0	25 - mL/L		01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Value NODI																
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample									=	6400.0	=	6400.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.000288	=	0.000289		03 - MGD									01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	0.54 30DA AVG		Req Mon DAILY MX		03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Value NODI																

Submission Note

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

Edit Check Errors

No errors.

Comments

Total Settleable Solids Not Detected

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	NPOULOS1031
Name:	Nicole Poulos
E-Mail:	npoulos@archrsc.com
Date/Time:	2021-10-21 10:23 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Permitted Feature: 030
External Outfall
Discharge: 030-A
Stormwater from Drainage Basins 46B1 and 46B2 to Sylvester Gulch

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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						=	8.39			=	8.39	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	41.0	=	41.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								=	0.1	=	0.1	25 - mL/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	4000.0	=	4000.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.01728			03 - MGD									01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	0.07 30DA AVG			03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-10-21 10:23 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Permitted Feature: 026
External Outfall
Discharge: 026-A
Stormwater from Drainage Basin 49A3 to Sylvester Gulch

Report Dates & Status

Monitoring Period: From 09/01/21 to 09/30/21
DMR Due Date: 10/28/21
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						=	6.28			=	8.28	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	1200.0	=	1200.0	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								=	7.0	=	7.0	25 - mL/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	51000.0	=	51000.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.01152	=	0.01152	03 - MGD									01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	0.22	30DA AVG	Req Mon DAILY MX	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-10-25 07:52 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-10-25 09:15 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	UST1 Receiving Water (Ambient)	**Discharge:**	UST1-A Instream Monitoring		

Report Dates & Status

Monitoring Period:	From 09/01/21 to 09/30/21	**DMR Due Date:**	10/28/21	**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						=	11.533	=	13.798			04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.							Req Mon MX WK AV		Req Mon DAILY MX			04 - deg C	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

Name	Type	Size
UST12ASeptember2021.pdf	pdf	338537.0

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2021-10-21 12:34 (Time Zone: -06:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-10-25 09:15 (Time Zone: -06:00)

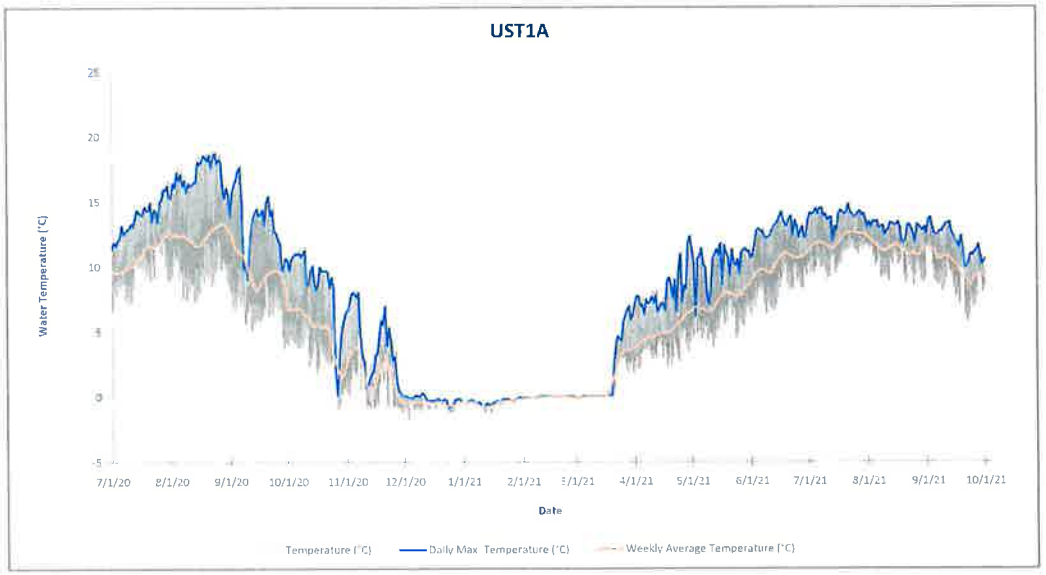
UST1A

Month	Highest Daily Max. Temperature (DM)(°C)[1] Temp. (°C)	Date	Maximum Weekly Average Temperature (MWAT) (°C)[2,3] Temp. (°C)	Date
July 2020	16.237	30-Jul	12.637	31-Jul
August 2020	18.759	24-Aug	13.343	27-Aug
September 2020	17.665	6-Sep	12.712	1-Sep
October 2020	11.236	10-Oct	6.741	7-Oct
November 2020	8.033	7-Nov	3.868	5-Nov
December 2020	0.232	11-Dec	-0.366	8-Dec
January 2021	-0.102	31-Jan	-0.171	31-Jan
February 2021	0.010	25-Feb	0.010	21-Feb
March 2021	6.927	29-Mar	3.702	31-Mar
April 2021	12.304	30-Apr	6.523	29-Apr
May 2021	11.771	16-May	8.661	31-May
June 2021	14.182	17-Jun	11.078	19-Jun
July 2021	14.805	22-Jul	12.644	22-Jul
August 2021	13.510	4-Aug	12.379	1-Aug
September 2021	13.798	3-Sep	11.533	1-Sep

[1] DM is the highest two hour average water temperature recorded during a given 24 hour period (5 CCR 1002-31.5 (13)).

[2] MWAT is the highest Weekly Average Temperature (WAT) in the month (5 CCR 1002-31.5 (26)). WAT is the average of daily average temperatures over a seven day consecutive period, with a minimum of three data points spaced equally through each day (5 CCR 1002-31.5 (50))

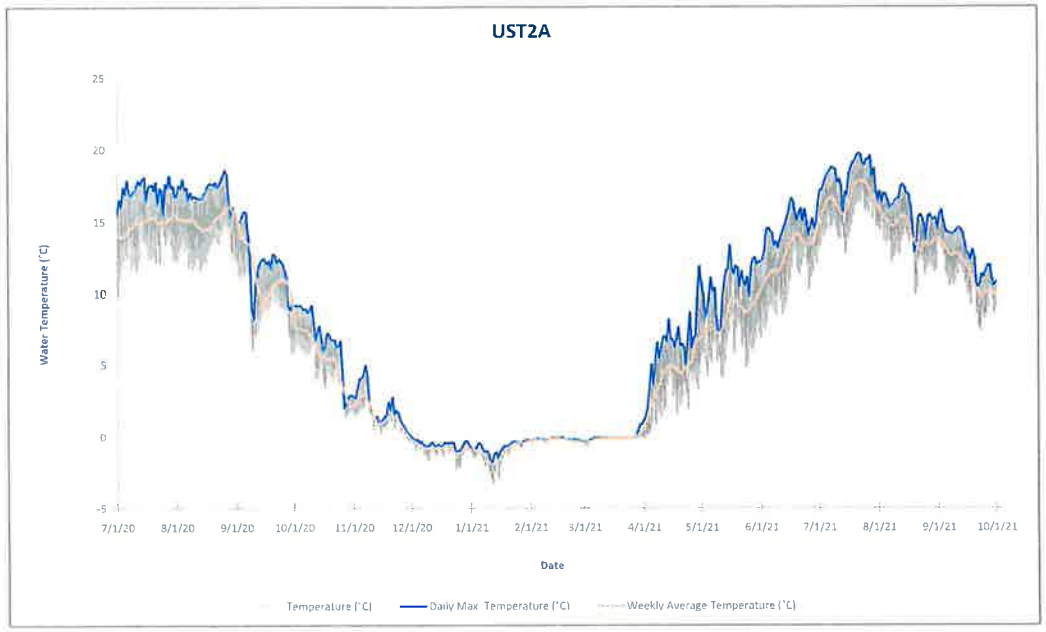
[3] From July 1, 2020 through September 30, 2020 the formula for calculating WAT is the average of the daily average from the 7 previous days. Beginning on October 1st, 2020 the formula is the average of the daily average from the 3 previous days, the current day, and 3 days after.



UST2A

Month	Highest Daily Max. Temperature (DM)(°C)[1] Temp. (°C)	Date	Maximum Weekly Average Temperature (MWAT) (°C)[2,3] Temp. (°C)	Date
July 2020	18.183	28-Jul	15.404	31-Jul
August 2020	18.569	26-Aug	16.064	28-Aug
September 2020	15.712	5-Sep	15.354	1-Sep
October 2020	9.176	2-Oct	7.649	1-Oct
November 2020	4.986	7-Nov	2.872	6-Nov
December 2020	-0.046	1-Dec	-0.211	1-Dec
January 2021	-0.213	31-Jan	-0.314	31-Jan
February 2021	-0.102	18-Feb	-0.120	15-Feb
March 2021	0.893	31-Mar	0.356	31-Mar
April 2021	11.868	30-Apr	6.790	30-Apr
May 2021	13.365	16-May	9.928	31-May
June 2021	16.618	17-Jun	14.142	30-Jun
July 2021	19.710	22-Jul	17.819	23-Jul
August 2021	17.570	14-Aug	16.016	1-Aug
September 2021	15.808	3-Sep	13.832	1-Sep

[1] DM is the highest two hour average water temperature recorded during a given 24-hour period (5 CCR 1002-31.5 (13)).

[2] MWAT is the highest Weekly Average Temperature (WAT) in the month (5 CCR 1002-31.5 (26)). WAT is the average of daily average temperatures over a seven-day consecutive period, with a minimum of three data points spaced equally through each day (5 CCR 1002-31.5 (50))

[3] From July 1, 2020 through September 30, 2020 the formula for calculating WAT is the average of the daily average from the 7 previous days. Beginning on October 1st, 2020 the formula is the average of the daily average from the 3 previous days, the current day, and 3 days after.