

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somerset, CO 81434
Discharge: 009-AA
Subsoil Stockpile Runoff (MB-5)

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

Permitted Feature: 009
External Outfall

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21
DMR Due Date: 02/28/21
Status: Not DMR 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:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		7B - dS/m	02/30 - Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					>=	6.5 MINIMUM C - No Discharge			<=	9.0 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly GR - GRAB
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	35.0 30DA AVG C - No Discharge		<=	70.0 DAILY MX C - No Discharge	19 - mg/L 01/30 - Monthly GR - GRAB
00640	Nitrogen, Inorganic total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									<=	652.0 DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			19 - mg/L	02/30 - Twice Per Month GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			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. Value NODI	<=	3297.0 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge			
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge			
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge			
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge		
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge	C - No Discharge		
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge	C - No Discharge		
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge	C - No Discharge		
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge			
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge	C - No Discharge		
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge	C - No Discharge		
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge	C - No Discharge		
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge	C - No Discharge		
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				Req Mon DAILY MX	28 - ug/L
									C - No Discharge	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.23 30DA AVG	Req Mon DAILY MX	03 - MGD	01/30 - Monthly IN - INSTAN
							C - No Discharge	C - No Discharge		
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			<=	0.5 INST MAX	19 - mg/L
									C - No Discharge	01/30 - Monthly GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge			
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	2000.0 30DA GM	<=	4000.0 MX 7D GM	13 - #/100mL
							C - No Discharge		C - No Discharge	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		19 - mg/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge			
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG		19 - mg/L	02/30 - Twice Per Month GR - GRAB
							C - No Discharge			

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 - abs=0;prsl=1 C - No Discharge		01/30 - Monthly VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
 Name: Kathleen Well
 E-Mail: kwell@archcoal.com
 Date/Time: 2021-02-04 12:00 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
 Name: Jessica Wilczek
 E-Mail: jwilczek@archrsc.com
 Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 008
External Outfall

Discharge: 008-AA
Loadout Runoff (MB4)

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

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:

Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		7B - dS/m	02/30 - Twice Per Month	GR - GRAB	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						>=	6.5 MINIMUM C - No Discharge		<=	9.0 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB	
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	35.0 30DA AVG C - No Discharge	<=	70.0 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB	
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD	
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD	
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			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. Value NODI							<=	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 dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon 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 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
01323	Selenium, 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
03592	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 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

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:

2021-02-04 12:00 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somerset, CO 81434
Discharge: 007-A
Domestic WWTP Polishing Pond

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

Permitted Feature: 007
Internal Outfall

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

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		Monitoring Location	Season	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type			
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	---	Sample	=	0.25437	=	0.25437	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	0	01/30 - Monthly	GR - GRAB
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	---	Sample	=	0.31796	=	0.31796	26 - lb/d	<	5.0	<	5.0	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	0	01/07 - Weekly	GR - GRAB
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	---	Sample	=	0.006	=	0.006	19 - mg/L	<	85.0 30DA AVG	<=	85.0 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	85.0 30DA AVG		Req Mon DAILY MX	19 - mg/L	<=	85.0 30DA AVG	<=	85.0 DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	---	Sample	=	0.007625	=	0.01279	03 - MGD							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: 2021-02-04 12:09 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Permittee Address:	Mountain Coal Co LLC 5174 Hwy 133 Somerset, CO 81434	Facility Location:	WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Major:	No	Discharge:	005-AA Coal Conveyor Runoff (MB-3)		
Permitted Feature:		Status:			
005 External Outfall		NetDMR Validated			
Report Dates & Status		DMR Due Date:		Status:	
Monitoring Period:		02/28/21		NetDMR Validated	
Considerations for Form Completion					
TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.1.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.					
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI:					

Form NODI:					Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00094	Conductivity	1 - Effluent Gross	0	--	Sample 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
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								3500.0 30DA AVG C - No Discharge		7000.0 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								3297.0 30DA AVG C - No Discharge			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		28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge			
01074	Nickel, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge			
01114	Lead, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI				Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge			
01118	Chromium, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge	C - No Discharge		
01303	Zinc, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge	C - No Discharge		
01306	Copper, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge	C - No Discharge		
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge			
01318	Lead, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge	C - No Discharge		
01319	Manganese, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge	C - No Discharge		
01322	Nickel, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge	C - No Discharge		
01323	Selenium, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge	C - No Discharge		
03582	Oil and grease	1 - Effluent Gross	0		Sample Permit Req. Value NODI				10.0 INST MAX	19 - mg/L	77/77 - Contingent GR - GRAB
								C - No Discharge			
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI				Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Sample Permit Req. Value NODI	0.04 30DA AVG	Req Mon DAILY MX 03 - MGD				01/30 - Monthly IN - INSTANT
						C - No Discharge	C - No Discharge				
50286	Mercury, total [low level]	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge			
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG		19 - mg/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge			
81020	Sulfate	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG		19 - mg/L	02/30 - Twice Per Month GR - GRAB
								C - No Discharge			
82057	Boron, total	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon 30DA AVG		19 - mg/L	02/30 - Twice Per Month GR - GRAB
								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				01/30 - Monthly VI - VISUAL
						C - No Discharge					

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:

2021-02-04 11:00 (Time Zone: -07:00)

[Report Last Signed By](#)

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: UST2
Receiving Water (Ambient)

Discharge: UST2-A
Instream Monitoring

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NOD)

Form NOD:

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

Submission Note

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

Edit Check Errors

No errors.

Comments

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

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-02-04 10:59 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: UST1
Receiving Water (Ambient)

Discharge: UST1-A
Instream Monitoring

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI:

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

Submission Note

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

Edit Check Errors

No errors.

Comments

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

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-02-04 10:59 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 032
External Outfall

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

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI:

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0		Sample Permit Req. Value NODI						Req Mon MINIMUM C - No Discharge			Req Mon MAXIMUM C - No Discharge		12 - SU	01/30 - Monthly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0		Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		19 - mg/L	01/30 - Monthly	GR - GRAB	
00545	Solids, settleable	1 - Effluent Gross	0		Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		25 - mL/L	01/30 - Monthly	GR - GRAB	
00980	Iron, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		28 - ug/L	01/30 - Monthly	GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Sample Permit Req. Value NODI	0.58 30DA AVG C - No Discharge				Req Mon DAILY MX 03 - MGD C - No Discharge							01/30 - Monthly	IN - INSTAN	

Submission Note

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

Edit Check Errors

No errors.

Comments

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: 2021-02-04 11:45 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 030
External Outfall

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

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI: --

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

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-02-04 12:03 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permitted Feature: 027
External Outfall

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

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

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

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

DMR Due Date: 02/28/21

Status: NetDMR Validated

Title:

Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param, NODI	Sample Permit Req. Value NODI	Quantity or Loading			Units	Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
											C - No Discharge				C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
												C - No Discharge			C - No Discharge			
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG			Req Mon DAILY MX	25 - mL/L	01/30 - Monthly	GR - GRAB
												C - No Discharge			C - No Discharge			
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
												C - No Discharge			C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.48 30DA AVG			Req Mon DAILY MX	03 - MGD						01/30 - Monthly	IN - INSTAN
							C - No Discharge			C - No Discharge								

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: 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: 2021-02-04 12:02 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 026
External Outfall

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

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

Status: Not DMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI: --

Param. NODI					Sample Permit Req. Value NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB	
											C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB	
												C - No Discharge			C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG			Req Mon DAILY MX	25 - mL/L	01/30 - Monthly	GR - GRAB	
												C - No Discharge			C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG			Req Mon DAILY MX	26 - ug/L	01/30 - Monthly	GR - GRAB	
												C - No Discharge			C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		0.22 30DA AVG			Req Mon DAILY MX	03 - MGD						01/30 - Monthly	IN - INSTAN	
							C - No Discharge			C - No Discharge									

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: 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: 2021-02-04 12:02 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 300
Influent Structure

Discharge: 300-I
Influent Measurements

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

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:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00180	Plant capacity fact. percent of capacity	P - See Comments	0	--	Sample Permit Req. Value NODI									0	01/30 - Monthly	CA - CALCTD
00180	Plant capacity fact. percent of capacity	Q - See Comments	0	--	Sample Permit Req. Value NODI									0	01/30 - Monthly	CA - CALCTD
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI	0.25437		0.25437	26 - l/bd					0	01/30 - Monthly	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI									0	01/30 - Monthly	CP - COMPOS

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: kwell@archcoal.com
Date/Time: 2021-02-04 12:17 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 035
External Outfall

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

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI:

Parameter		Monitoring Location	Season	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.		Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB		
											C - No Discharge				C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG				Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB		
											C - No Discharge				C - No Discharge					
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB		
											C - No Discharge				C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	1.3 30DA AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly	IN - INSTAN		
						C - No Discharge		C - No Discharge												

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: 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:

2021-02-04 12:04 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 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 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI: -

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon MINIMUM C - No Discharge			Req Mon MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB	
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge				28 - ug/L	01/30 - Monthly	GR - GRAB	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		0.39 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	03 - MGD							01/30 - Monthly	IN - INSTAN	

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwell@archcoal.com
Date/Time: 2021-02-04 12:04 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Mountain Coal Co LLC		WEST ELK MINE	
Major:	No	Permittee Address:		Facility Location:	
		5174 Hwy 133 Somerset, CO 81434		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature:		Discharge:			
033 Internal Outfall		033-A Stormwater from Drainage Basin 43D and 43E			
Report Dates & Status		DMR Due Date:		Status:	
Monitoring Period:		02/28/21		NetDMR Validated	
From 01/01/21 to 01/31/21					
Considerations for Form Completion					
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI: --					

Form NODI:		Monitoring Location		Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Parameter Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon MINIMUM			Req Mon MAXIMUM	12 - SU		01/30 - Monthly		GR - GRAB
												C - No Discharge			C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly		GR - GRAB	
												C - No Discharge		C - No Discharge						
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly		GR - GRAB	
												C - No Discharge		C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly		GR - GRAB	
												C - No Discharge		C - No Discharge						
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.54 30DA AVG		Req Mon DAILY MX	03 - MGD								01/30 - Monthly		IN - INSTAN
							C - No Discharge		C - No Discharge											

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: 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:

2021-02-04 12:03 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somerset, CO 81434
Discharge: 014-AA
Surface Runoff to Sylvester Gulch

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

Permitted Feature: 014
External Outfall

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21 DMR Due Date: 02/28/21 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:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon MX WK AV C - No Discharge	Req Mon DAILY MX C - No Discharge	04 - deg C	99/99 - Continuous	RC - Recorder (auto)
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				--	6.5 MINIMUM C - No Discharge				--	9.0 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							--	35.0 30DA AVG C - No Discharge	--	70.0 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							--	3500.0 30DA AVG C - No Discharge	--	7000.0 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB
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 - INSTANT

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Well
E-Mail: kwelt@archcoal.com
Date/Time: 2021-02-04 12:01 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somerset, CO 81434
Discharge: 012A-W
Acute Monthly WET Testing for 012A

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

Permitted Feature: 012A
External Outfall

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/26/21

Status: NetDMR Validated

Considerations for Farm Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI: -

Code	Parameter	Monitoring Location	Session #	Param. NODI		Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
51484	Number of Events	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			<	10.0 30DA AVG	<	3.0 MX 7D AV	5J - #	01/30 - Monthly	CA - CALCTD
									C - No Discharge		C - No Discharge			
81381	Duration of discharge	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						3.0 MX 7D AV	5A - d	01/07 - Weekly	CA - CALCTD
											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: 2021-02-04 12:01 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

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: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req.	Quantity or Loading				Units	Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2		Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00010	Temperature, water deg. centigrade	2 - Insiream Monitoring	0	--	Value NODI									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C	99/99 - Continuous	RG - Recorder (Auto)
												C - No Discharge				C - No Discharge			
00400	pH	1 - Effluent Gross	0	--	Value NODI						>=	6.5 MINIMUM				9.0 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
												C - No Discharge				C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Value NODI								<=	35.0 30DA AVG		70.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
													C - No Discharge			C - No Discharge			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Value NODI									Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Value NODI									Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Value NODI							<=	3500.0 30DA AVG		<=	7000.0 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
													C - No Discharge			C - No Discharge			
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Value NODI									Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Value NODI									Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge						
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Value NODI									Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB

				Value NODI	C - No Discharge					
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge	C - No Discharge			
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge	C - No Discharge			
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge	C - No Discharge			
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge				
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge	C - No Discharge			
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge	C - No Discharge			
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge	C - No Discharge			
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.	Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI		C - No Discharge	C - No Discharge			
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.		10.0 INST MAX	19 - mg/L	7/7/77 - Contingent	GR - GRAB
				Value NODI			C - No Discharge			
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI			C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	0.072 30DA AVG	Req Mon DAILY MX	03 - MGD	01/30 - Monthly	IN - INSTAN
				Value NODI		C - No Discharge	C - No Discharge			
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req.		Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI			C - No Discharge			
				Sample Permit					02/30 - Twice Per	

51202 Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	Monlh	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	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: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-02-04 12:01 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Somersel, CO 81434
Discharge: 011-AA
Mine Water to Sylvester Gulch

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

Permitted Feature: 011
External Outfall

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

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:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading				Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
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	18 - mg/L	02/30 - Twice Per Month GR - GRAB	
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month CA - CALCTD	
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month CA - CALCTD	
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB	
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								1000.0 30DA AVG C - No Discharge		6000.0 DAILY MX C - No Discharge	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 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
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	0.014 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 - absI=0;prst=1

01/07 - Weekly

VI - VISUAL

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:

2021-02-04 12:00 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 025
External Outfall

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

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/26/21

Status: NetDMR Validated

Considerations for Farm Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading		Units	Quality or Concentration						# of Ex	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon MINIMUM			Req Mon MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
											C - No Discharge			C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
												C - No Discharge		C - No Discharge			
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L	01/30 - Monthly	GR - GRAB
												C - No Discharge		C - No Discharge			
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
												C - No Discharge		C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		1.35 30DA AVG			Req Mon DAILY MX	03 - MGD					01/30 - Monthly	IN - INSTAN
							C - No Discharge			C - No Discharge							

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: 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: 2021-02-04 12:02 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	017A External Outfall	Discharge:	017A-W Acute Monthly WET Testing for 017A		
Report Dates & Status					
Monitoring Period:	From 01/01/21 to 01/31/21	DMR Due Date:	02/28/21	Status:	NetDMR Validated
Considerations for Form Completion					

Principal Executive Officer

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

Form NODI:

Code	Parameter	Monitoring Location	Season	# Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading			Quality or Concentration			# of Ex	Frequency of Analysis	Sample Type
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
51484	Number of Events	1 - Effluent Gross	0	--					10.0 30DA AVG	<	3.0 7 DA AVG	5J - #	01/30 - Monthly	CA - CALCTD
									C - No Discharge		C - No Discharge			
81381	Duration of discharge	1 - Effluent Gross	0	--							3.0 7 DA AVG	5A - d	01/07 - Weekly	CA - CALCTD
											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:	2021-02-04 12:02 (Time Zone: -07:00)

Report Last Signed By

User:	JWILCZEK
Name:	Jessica Wilczek
E-Mail:	jwilczek@archrsc.com
Date/Time:	2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21
DMR Due Date: 02/28/21
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:
No Data Indicator (NODI)
Form NODI: --

Title:
Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading				Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00010	Temperature, water deg, centigrade	1 - Effluent Gross	0	--									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C	99/99 - Continuous	RC - Recorder (auto)
													C - No Discharge		C - No Discharge			
00094	Conductivity	1 - Effluent Gross	0	--								Req Mon 30DA AVG				7B - dS/m	02/30 - Twice Per Month	GR - GRAB
												C - No Discharge						
00400	pH	1 - Effluent Gross	0	--								6.5 MINIMUM			9.0 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
												C - No Discharge			C - No Discharge			
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge		C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--									35.0 30DA AVG		70.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
													C - No Discharge		C - No Discharge			
00918	Calcium, total recoverable	1 - Effluent Gross	0	--									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge		C - No Discharge			
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge		C - No Discharge			
00923	Sodium, total recoverable	1 - Effluent Gross	0	--									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge		C - No Discharge			
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
													C - No Discharge		C - No Discharge			
00931	Sodium adsorption ratio	P - See Comments	0	--									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
													C - No Discharge		C - No Discharge			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--									Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--									100.0 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
													C - No Discharge					
00980	Iron, total recoverable	1 - Effluent Gross	0	--									1000.0 30DA AVG		5000.0 DAILY MX	28 - ug/L	01/30 - Monthly	GR - GRAB
													C - No Discharge					

				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	26 - 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 dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	26 - ug/L	02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	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	7/7/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI				Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Sample Permit Req. Value NODI	0.29 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 A5 - absl=0;prst=1 C - No Discharge				01/30 - Monthly V1 - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Well

E-Mail:

kwelt@archcoal.com

Date/Time:

2021-02-04 12:01 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-02-04 12:40 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

Permitted Feature: 015
External Outfall

Report Dates & Status

Monitoring Period: From 01/01/21 to 01/31/21

DMR Due Date: 02/28/21

Status: NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
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
00918	Calcium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			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. Value NODI						<=	3297.0 30DA AVG				28 - ug/L	02/30 - Twice Per Month	GR - GRAB

					Value NODI			C - No Discharge			
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			<=	10.0 INST MAX C - No Discharge	19 - mg/L	77/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.<= Value NODI	0.04 30DA AVG C - No Discharge	Req Mon DAILY MX 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 - abs1=0;prst=1 C - No Discharge				01/30 - Monthly VI - VISUAL

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:

2021-02-04 12:01 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

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Date/Time:

2021-02-04 12:40 (Time Zone: -07:00)