

[illegible]

No Data Indicator (NODI)															
Form NODI:															
Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading			Quality or Concentration		# of Ex. Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
51484	Number of Events	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI			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	—	Sample Permit Req. Value NODI					€	3.0	7 DA AVG	5A - d	01/07 - Weekly	CA - CALCTD
												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

Comments

Renort / ast Saved Ry

[illegible]

Name: Nicole Poulas

Date/Time: 2021-11-19 11:25 (Time Zone: -07:00)

User: JWILCZEK

E-Mail: iviliczek@atcbres.com

Date/Time: 2021-11-23 09:49 (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 Someset, 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 10/01/21 to 10/31/21	DMR Due Date: 11/28/21	Status: NetDMR Validated
Considerations for Form Completion			

Principal Executive Officer

First Name: _____ Title: _____

Last Name: _____

No Data Indicator (NODI)

Form NODI: _____

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		8.14			Req Mon MINIMUM		8.14	Req Mon MAXIMUM	12 - SU	0130 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG		19.0	Req Mon DAILY MX	19 - ng/L	0130 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG		0.1	Req Mon DAILY MX	25 - mL/L	0130 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG		3600.0	Req Mon DAILY MX	28 - ug/L	0130 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		0.0072	0.54 - 30DA AVG	0.0072	Req Mon DAILY MX	03 - MGD				0130 - 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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archisc.com
Date/Time: 2021-11-22 09:27 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archisc.com
Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Permit #:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	027 External Outfall	Discharge:	027-A Stormwater from Drainage Basin 49A2 to Sylvester Gulch		
Report Dates & Status					
Monitoring Period:	From 10/01/21 to 10/31/21	DMR Due Date:	11/28/21	Status:	NetDMR Validated
Considerations for Form Completion					
Principal Executive Officer					
First Name:					
Last Name:					
No Date Indicator (NODI)					
Form NODI:					

Code	Parameter Name	Monitoring Location	Season	Permit NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	7.92	Req Mon MINIMUM			7.92	Req Mon MAXIMUM	12 - SU	0	0130 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	6500.0	Req Mon 30DA AVG			6500.0	Req Mon DAILY MX	19 - mg/L	0	0130 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	40.0	Req Mon 30DA AVG			40.0	Req Mon DAILY MX	25 - mL/L	0	0130 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	170000.0	Req Mon 30DA AVG			170000.0	Req Mon DAILY MX	28 - ug/L	0	0130 - Monthly	GR - GRAB
50950	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI	0.01512	0.48-30DA AVG			0.01512	03 - MGD	Req Mon DAILY MX	03 - MGD	0130 - 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

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031
Nicolé Poulos
npoulos@archrsc.com
2021-11-22 08:33 (Time Zone: -07:00)

JWILCZEK
Jessica Wilczek
jwilczek@archrsc.com
2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Permittee Address:	Mountain Coal Co LLC	Facility Location:	WEST ELK MINE
Major:	No	Discharge:	5174 Hwy 133 Someset, CO 81434		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:		Status:			
030 External Outfall		NetDMR Validated			
Report Dates & Status		Telephone:			
Monitoring Period: From 10/01/21 to 10/31/21					
Considerations for Form Completion					
Principal Executive Officer					
First Name:					
Last Name:					
No Data Indicator (NODI)					
Form NODI:					

Form NODI:															
Parameter Name		Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentrations			# of Ex. Frequency of Analysis			Sample Type	
Code					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--		7.41		Req Mon MINIMUM		7.41	Req Mon MAXIMUM	12 - SU	0	0130 - Monthly 0130 - Monthly	GR - GRAB GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--				270.0		270.0	Req Mon DAILY MX	19 - mg/L	0	0130 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--				0.1		0.1	Req Mon DAILY MX	25 - mL/L	0	0130 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--						15000.0	Req Mon DAILY MX	28 - ug/L	0	0130 - Monthly	GR - GRAB
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--									0	0130 - Monthly	IN - INSTAN

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS\031

Name: Nicole Poulos

E-Mail: npoulos@archrsc.com

Date/Time: 2021-11-22 08:43 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:		
Permit #:	CO0038776	Mountain Coal Co LLC	WEST ELK MINE			
Major:	No	5174 Hwy 133 Somersel, CO 81434	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434			
Permitted Feature:		Discharge:		Status:		
011A External Outfall		011A-W Acute Monthly WET Testing for 011A		NeDMR Validated		
Report Dates & Status		DMR Due Date:				
Monitoring Period: From 10/01/21 to 10/31/21		11/28/21				
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	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2	Quality or Concentration Qualifier 3 Value 3	# of Ex. Frequency of Analysis Units	Sample Type
51484	Number of Events	1 - Effluent Gross 0	10.0 30DA AVG C - No Discharge	<	5J - # C - No Discharge	CA - CALCTD
81381	Duration of discharge	1 - Effluent Gross 0	3.0 MX 7D AV C - No Discharge	<	5A - d C - No Discharge	CA - CALCTD
Submission Note						
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.						
Edit Check Errors						
No errors.						
Comments						
No Discharge						
Attachments						
No attachments						
Report Last Saved By						
Mountain Coal Co LLC						
User:						
NPOULOS1031						
Name:						
Nicole Poulos						
E-Mail:						
npoulos@archrsc.com						
Date/Time:						
2021-11-19 11:24 (Time Zone: -07:00)						
Report Last Signed By						
User:						
JWILCZEK						
Name:						
Jessica Wilczek						
E-Mail:						
jwilczek@archrsc.com						
Date/Time:						
2021-11-23 09:48 (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 Someset, CO 81434	Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	026 External Outfall	Discharge: 026-A Stormwater from Drainage Basin 49A3 to Sylvester Gulch	
Report Dates & Status		DMR Due Date: 11/20/21	Status: NetDMR Validated
Monitoring Period: From 10/01/21 to 10/31/21			
Considerations for Form Completion			
Principal Executive Officer			
First Name:			
Last Name:			
No Data Indicator (NODI)			
Form NODI:			
Telephone:			

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	8.07	Req Mon MINIMUM	=	8.07	Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB		
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	3700.0	Req Mon 30DA AVG	=	3700.0	Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB		
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	37.0	Req Mon 30DA AVG	=	37.0	Req Mon DAILY MX	25 - mL/L	0	01/30 - Monthly	GR - GRAB		
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	140000.0	Req Mon 30DA AVG	=	140000.0	Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.0064	Req Mon DAILY MX	03 - MGD	0.0064	Req Mon DAILY MX	03 - MGD			IN - INSTAN		

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS1031

Name: Nicole Poulos

E-Mail: npoulos@archsc.com

Date/Time: 2021-11-22 08:45 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archsc.com

Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit Permit #: Major:	CO0038776 No	Permittee: Permittee Address:	Mountain Coal Co LLC 5174 Hwy 133 Someset, CO 81434	Facility: Facility Location:	WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	017 External Outfall	Discharge:	017-AA Mine Water & MWTF		
Report Dates & Status Monitoring Period:	From 10/01/21 to 10/31/21	DMR Due Date:	11/28/21	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. 15 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.A REPORT CALCULATED SAR AT MLOG=EG; ADJUSTED SAR AT MLOG=P.

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

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												Req Mon MX MX 04 - deg C C - No Discharge	9999 - Continuous RC - Recorder (auto)
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												Req Mon 30DA AVG C - No Discharge	78 - dS/m 0230 - Twice Per Month GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												9.0 MAXIMUM C - No Discharge	12- SU 0107 - Weekly GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												Req Mon DAILY MX 19 - mg/L C - No Discharge	0230 - Twice Per Month GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												70.0 DAILY MX 19 - mg/L C - No Discharge	0100 - Monthly GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												Req Mon DAILY MX 19 - mg/L C - No Discharge	0230 - Twice Per Month GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												Req Mon DAILY MX 19 - mg/L C - No Discharge	0230 - Twice Per Month GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												Req Mon DAILY MX 19 - mg/L C - No Discharge	0230 - Twice Per Month GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI												Req Mon DAILY MX 1U - Ratio C - No Discharge	0230 - Twice Per Month CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI												Req Mon DAILY MX 1U - Ratio C - No Discharge	0230 - Twice Per Month CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												19 - mg/L 0230 - Twice Per Month GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI												100.0 30DA AVG C - No Discharge	28 - ug/L 0230 - 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	28 - ug/L 0150 - Monthly GR - GRAB

Title: Telephone:

Value NODI			C - No Discharge		C - No Discharge	
Sample			Permit Req	Value NODI	Req Mon 30DA AVG	28 - ug/L
Value NODI			Value NODI	Value NODI	C - No Discharge	02/30 - Twice Per Month GR - GRAB
01053	Manganese, dissolved [as Mn]	0	--		Req Mon 30DA AVG	28 - ug/L
01074	Nickel, total recoverable	0	--		Req Mon 30DA AVG	28 - ug/L
01114	Lead, total recoverable	0	--		Req Mon DAILY MX	28 - ug/L
01118	Chromium, total recoverable	0	--		Req Mon DAILY MX	28 - ug/L
01303	Zinc, potentially dissolved	0	--		Req Mon DAILY MX	28 - ug/L
01306	Copper, potentially dissolved	0	--		Req Mon DAILY MX	28 - ug/L
01314	Chromium, trivalent, potentially dissolved	0	--		Req Mon 30DA AVG	28 - ug/L
01316	Lead, potentially dissolved	0	--		Req Mon 30DA AVG	28 - ug/L
01316	Manganese, potentially dissolved	0	--		Req Mon DAILY MX	28 - ug/L
01322	Nickel, potentially dissolved	0	--		Req Mon DAILY MX	28 - ug/L
01322	Selenium, potentially dissolved	0	--		Req Mon 30DA AVG	28 - ug/L
03592	Oil and grease	0	--		10.0 INST MAX	19 - mg/L
04262	Chromium, trivalent total recoverable	0	--		Req Mon DAILY MX	28 - ug/L
50060	Flow, in conduit or thru treatment plant	0	--		Req Mon DAILY MX	28 - ug/L
50286	Mercury, total [low level]	0	--		Req Mon 30DA AVG	28 - ug/L
51202	Sulfide-hydrogen sulfide [undissociated]	0	--		Req Mon 30DA AVG	19 - mg/L
81020	Sulfate	0	--		Req Mon 30DA AVG	19 - mg/L
82057	Boron, total	0	--		2.59 30DA AVG	19 - mg/L
84066	Oil and grease visual	0	--		Req Mon INST MAX	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:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archrsc.com

2021-11-19 11:25 (Time Zone: -07:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Mountain Coal Co LLC		WEST ELK MINE	
Major:	No	5174 Hwy 133 Somerset, CO 81434		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature:		Discharge:		Status:	
012A External Outfall		012A-W Acute Monthly WET Testing for 012A		NetDMR Validated	
Report Dates & Status		DMR Due Date:			
Monitoring Period: From 10/01/21 to 10/31/21		11/28/21			
Considerations for Form Completion					
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
Form NOD:					
Parameter Name	Monitoring Location	Season	Param. NOD	Quantity or Loading	Quality or Concentration
Code	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3
51484	Number of Events	1 - Effluent Gross	0	10.0:300A AVG	Value 3
				C - No Discharge	Units
				C - No Discharge	Sample Type
81381	Duration of discharge	1 - Effluent Gross	0	3.0 MX 7D AV	5J - #
				C - No Discharge	01/30 - Monthly
				C - No Discharge	CA - CALCTD
				C - No Discharge	CA - CALCTD

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

Edit Check Errors
No errors.

Comments
No Discharge

Attachments
No attachments

Report Last Saved By
Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-11-19 11:25 (Time Zone: -07:00)

Report Last Signed By
JWILCZEK

User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Permit #:	No	Permittee Address:	5174 Hwy 133 Someset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Major:	025 External Outfall	Discharge:	025-A Stormwater from Drainage Basin 49A5 to Sylvester Gulch	Status:	NetDMR Validated
Report Dates & Status	From 10/01/21 to 10/31/21	DMR Due Date:	11/29/21	Telephone:	
Monitoring Period:	Considerations for Form Completion				
Principal Executive Officer					
First Name:					
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 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00100	pH	1 - Effluent Gross	0	--	Sample	7.83	Req Mon MINIMUM	4400.0	19 - mg/L	7.83	Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	40.0	Req Mon 30DA AVG	4400.0	19 - mg/L	40.0	Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample	40.0	Req Mon 30DA AVG	40.0	25 - mL/L	40.0	Req Mon DAILY MX	25 - mL/L	0	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample	210000.0	Req Mon 30DA AVG	210000.0	28 - ug/L	210000.0	Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	0.02276	Req Mon DAILY MX	0.02276	03 - MGD	0.02276	Req Mon DAILY MX	03 - MGD	0	01/30 - Monthly	IN - INSTAN

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

SlyGuichTLOSamplingChecklist.xlsx

Report Last Saved By

Mountain Coal Co LLC

User:

Name: NPOULOS1031

Name: Nicole Poulos

E-Mail: npoulos@archsc.com

Date/Time: 2021-11-22 09:36 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archsc.com

Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

72857.0

xlsx

Type

Size

Permit	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Permit #:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Major:		Discharge:	012-AA Mine Water to Minnesota Creek		
Permitted Feature:	External Outfall			Status:	NetDMR Validated
Report Dates & Status		DMR Due Date:	11/28/21		
Monitoring Period:	From 10/01/21 to 10/31/21				

Considerations for Form Completion

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

REPORT CALCULATED SAR AT MLOO=EG, ADJUSTED SAR AT MLOO=P.

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NDI:															
Parameter		Monitoring Location	Season	Param. NDI	Quantity or Loading				Quality or Concentration				Frequency of Analysis	Sample Type	
Cds	Name				Qualifier 1	Value 1	Qualifier 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2			Value 3
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	NA	Sample Permit Req. Value NDI						Req Mon MX WK AV C - No Discharge	Req Mon DAILY MX C - No Discharge	04 - deg C	9999 - Continuous	RC - Recorder (WAs)
00400	pH	1 - Effluent Gross	0	NA	Sample Permit Req. Value NDI					6.5 MINIMUM C - No Discharge		9.0 MAXIMUM C - No Discharge	12 - SU	0107 - Weekly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	NA	Sample Permit Req. Value NDI							70.0 DAILY MX C - No Discharge	19 - mg/L	0120 - Monthly	GR - GRAB
00940	Chloride [as Cl]	1 - Effluent Gross	0	NA	Sample Permit Req. Value NDI						Req Mon 30DA AVG C - No Discharge		19 - mg/L	0230 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	NA	Sample Permit Req. Value NDI						Req Mon 30DA AVG C - No Discharge		28 - ug/L	0230 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	NA	Sample Permit Req. Value NDI						3500.0 30DA AVG C - No Discharge		28 - ug/L	0120 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	NA	Sample Permit Req. Value NDI						Req Mon 30DA AVG C - No Discharge		28 - ug/L	0230 - Twice Per Month	GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	NA	Sample Permit Req. Value NDI						Req Mon 30DA AVG C - No Discharge		28 - ug/L	0230 - Twice Per Month	GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	NA	Sample Permit Req. Value NDI						Req Mon 30DA AVG C - No Discharge		28 - ug/L	0230 - Twice Per Month	GR - GRAB

[illegible]

DMR Copy of Record

Permit #: CO0038776	Permittee: Mountain Coal Co LLC	Facility: WEST ELK MINE
Major: No	Permittee Address: 5174 Hwy 133 Somerset, CO 81434	Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature: 008 External Outfall	Discharge: 008-AA Loadout Runoff (MB4)	
Report Dates & Status	DMR Due Date: 11/28/21	Status: NetDMR Validated
Monitoring Period: From 10/01/21 to 10/31/21		

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

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

Title:

Telephone:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex. Frequency of Analysis		
					Qualifier 1	Value 1	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Sample Type
00084	Conductivity	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00400	pH	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00530	Solids, total suspended	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00518	Calcium, total recoverable	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00521	Magnesium, total recoverable	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00523	Sodium, total recoverable	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00531	Sodium adsorption ratio	EG - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00531	Sodium adsorption ratio	P - See Comments	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00540	Chloride [as Cl]	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00578	Arsenic, total recoverable	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
00590	Iron, total recoverable	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								
					Value NODI								
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-									
					Sample								
					Permit Req.								

[illegible]

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archrsc.com

2021-11-19 11:24 (Time Zone: -07:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

Permitted Feature:

014
External Outfall

Report Dates & Status

Monitoring Period: From 10/01/21 to 10/31/21

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Last Name:

No Date Indicator (NODI)

Form NODI:

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

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

Discharge:
014-4A
Surface Runoff to Sylvester Gulch

DMR Due Date: 11/28/21
Status: NetDMR Validated

Title:

Telephone:

Code	Parameter Name	Monitoring Location	Season & Pwam	NODI	Sample Permit Req. Value	Qualifier 1	Value 1	Quantity or Loading	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														RC - Recorder (auto)
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														RC - Recorder (auto)
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														RC - Recorder (auto)
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														RC - Recorder (auto)
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI														RC - Recorder (auto)

Submission Note

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

Edit Check Errors

No errors.

Comments

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:

2021-11-19 11:25 (Time Zone: -07:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit Permit #: Major:	C00038776 No	Permittee: Permittee Address:	Mountain Coal Co LLC 5174 Hwy 133 Someset, CO 81434	Facility: Facility Location:	WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	011 External Outfall	Discharge:	011-AA Mine Water to Sylvester Gulch	Status:	NetDMR Validated
Report Dates & Status Monitoring Period:	From 10/01/21 to 10/31/21	DMR Due Date:	11/28/21		

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

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

Title:
Telephone:

Form NODI:																
Parameter Name		Monitoring Location		Season # Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex. Frequency of Analysis			Sample Type
Code					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units		
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI					Req Mon MX WK AV	C - No Discharge	Req Mon DAILY MX	04 - deg C	99/99 - Continuous	RC - Riscotex (auto)
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	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	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	19 - mg/L	01/30 - Monthly	GR - GRAB
00618	Calcium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI					Req Mon 30DA AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00821	Magnesium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI					Req Mon 30DA AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00823	Sodium, total recoverable	1 - Effluent Gross	0	-	Sample	Permit Req. Value NODI					Req Mon 30DA AVG	C - No Discharge	Req Mon DAILY MX	19 - mg/L	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	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	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		2% - 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	-8 - ug/L	01/30 - Monthly	GR - GRAB

84056 Oil and grease visual

1 - Effluent Gross0

Sample Permit Ren. Value NODI

Req Mon INST MAX AB - abs-0 gpa=1

C - No Discharge

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

Edit Check Errors
No errors.

Comments
No Discharge

Attachments
No attachments.

Report Last Saved By
Mountain Coal Co LLC

User: NPQULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-11-19 11:24 (Time Zone: -07:00)

Report Last Signed By
User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Permit #:	No	Permittee Address:	5174 Hwy 133 Someset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Major:	300 Influent Structure	Discharge:	300-1 Influent Measurements		
Permitted Feature:	300 Influent Structure	DMR Due Date:	11/28/21	Status:	NetDMR Validated
Report Dates & Status	From 10/01/21 to 10/31/21				
Monitoring Period:	From 10/01/21 to 10/31/21				
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=Q. Hydraulic capacity = 28 lbs BOD-5/Day				
Principal/Executive Officer					
First Name:					
Last Name:					
Title:					
Telephone:					

No Data Indicator (NDI)																	
Form NDI:																	
Parameter Name		Monitoring Location		Season & Param. NDI		Quantity or Loading		Quality or Concentration		# of Ex.		Frequency of Analysis		Sample Type			
Code						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Value 3	
00180	Plant capacity fact. percent of capacity	P - See Comments	0			Sample Permit Req. Value NDI								32.03	23 - %	01/30 - Monthly	CA - CALCTD
															23 - %	01/30 - Monthly	CA - CALCTD
00180	Plant capacity fact. percent of capacity	Q - See Comments	0			Sample Permit Req. Value NDI								63.0	23 - %	01/30 - Monthly	CA - CALCTD
															23 - %	01/30 - Monthly	CA - CALCTD
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0			Sample Permit Req. Value NDI	17.63		26 - lb/d					330.0	18 - mg/L	01/30 - Monthly	CP - COMPOS
																01/30 - Monthly	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0			Sample Permit Req. Value NDI								720.0	19 - mg/L	01/30 - Monthly	CP - COMPOS
																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: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archisc.com
Date/Time: 2021-11-22 09:41 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK
Name: Jessica Wilczak
E-Mail: jwilczak@archisc.com
Date/Time: 2021-11-23 09:48 (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: 007
Internal Outfall

Report Dates & Status

Monitoring Period: From 10/01/21 to 10/31/21

Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

Principal/Executive Officer

First Name: _____ Title: _____

Last Name: _____ Telephone: _____

No Data Indicator (NODI) _____

Form NODI: _____

Monitoring Location Season # Permit NODI

Code Parameter Name

00310 BOD, 5-day, 20 deg. C

1 - Effluent Gross 0 --

00530 Solids, total suspended

1 - Effluent Gross 0 --

00510 Nitrogen, ammonia total [as N]

1 - Effluent Gross 0 --

50050 Flow, in conduit or thru treatment plant

1 - Effluent Gross 0 --

Sample Permit Reg. Value NODI

0.213719 5.0 30DA AVG

0.213719 26 - lbid

0.213719 4.0 19 - mg/L

0.213719 45.0 MX 7D AV 19 - mg/L

0.213719 30.0 30DA AVG <=

0.213719 4.75 19 - mg/L

0.213719 75.0 30DA AVG <=

0.213719 0.05 19 - mg/L

0.213719 85.0 30DA AVG <=

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

0.213719 0.05 19 - mg/L

0.213719 85.0 DAILY MX 03 - MGD

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@archsc.com

Date/Time: 2021-11-22 08:13 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archsc.com

Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

Permit	Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:		No	Permittee Address:	5174 Hwy 133 Somerseet, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:		UST1 Receiving Water (Ambient)	Discharge:	UST1-A Instream Monitoring	Status:	NetDMR Validated
Report Dates & Status		From 10/01/21 to 10/31/21	DMR Due Date:	11/28/21		
Monitoring Period:						
Considerations for Form Completion						
Principal Executive Officer			Title:		Telephone:	
First Name:						
Last Name:						

Telephone:

Last Name:

No Data Indici

Code	Parameter	Monitoring Location	Season # Param. NDI	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	Units	
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0					
				Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Units	
					9.276	=	10.718	9999 - Continuous
							04 - deg C	RC - Recorder (auto)
								9999 - Continuous
							Req Mon DAILY MX 04 - deg C	RC - Recorder (auto)
							Req Mon MX WK /V	

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

No errors

CONCLUSIONS

No attachments.

Mountain Coal Co LLC

Name: Nicole Poulos

Date/Time: 2021-11-19 11:27 (Time Zone: -07:00)

WIL CZEK

<https://creativecommons.org/licenses/by-nc-sa/4.0/>

Date/Time: 2021-11-23 00:40 (UTC+08:00) 01:00

DMR Copy of Record

Permit

Permit #:

Major:

C00038776

No

Permittee:

Permittee Address:

Mountain Coal Co LLC

5174 Hwy 133

Somerset, CO 81434

Facility:

Facility Location:

WEST ELK MINE

HWY 133 E OF TOWN

GUNNISON COUNTY, CO 81434

Permitted Feature:

009

External Outfall

Discharge:

008-AA

Subsoil Stockpile Runoff (MB-5)

Report Dates & Status

Monitoring Period:

From 10/01/21 to 10/31/21

DMR Due Date:

11/28/21

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:

Last Name:

No Data Indicator (NODI)

Form NODI:

Title:

Telephone:

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

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	3237.0 30DA AVG C - No Discharge	28 - ug/L	02/20 - 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	02/20 - 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	02/20 - 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	02/20 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/20 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/20 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/20 - 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	02/20 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/20 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/20 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/20 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/20 - 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	02/20 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.23 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge	01/20 - 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	01/20 - 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	02/20 - Twice Per Month GR - GRAB
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	2000 (30DA GM C - No Discharge	4000.0 MX 70 GM C - No Discharge	02/20 - 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	02/20 - 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	02/20 - Twice Per Month GR - GRAB

82057	Boron, total	1 - Effluent Gross	0	Sample Permit Req. Value NDI	Req Mon 30DA AVG C - No Discharge	19 - mo/L	02/20 - Twice Per Month GR - GRAB
84086	Oil and grease visual	1 - Effluent Gross	0	Sample Permit Req. Value NDI	Req Mon INST MAX AB - abst=0,inst=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:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archsc.com

2021-11-19 11:24 (Time Zone: -07:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JWILCZEK

Jessica Wilczek

jwilczek@archsc.com

2021-11-23 09:48 (Time Zone: -07:00)

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	015 External Outfall	Discharge:	015-AA Surface Runoff to N. Fork of Gunnison River	Status:	NetDMR Validated
Report Dates & Status					
Monitoring Period:	From 10/01/21 to 10/31/21				
<i>Considerations for Farm Completion</i>					
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-P.					
<i>Principal Executive Officer</i>					
First Name:	Title:				
Last Name:					
<i>No Data Indicator (NODI)</i>					

Form NOD1:														
Parameter Name		Monitoring Location	Season # Param. NOD1	Quantity or Loading			Quantity or Concentration			# of Ex. Frequency of Analysis Sample Type				
Code				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 3	Value 3	Units	
00094	Conductivity	1 - Effluent Gross	0	Sample Permit Req. Value NOD1					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 NOD1					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 NOD1					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 NOD1					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 NOD1					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 NOD1					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 NOD1					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 NOD1					Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 1U - Ratio C - No Discharge		02/30 - Twice Per Month CA - CALC/DT
00931	Sodium adsorption ratio	P - See Comments	0	Sample Permit Req. Value NOD1					Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 1U - Ratio C - No Discharge		02/30 - Twice Per Month CA - CALC/DT
00940	Chloride [as Cl]	1 - Effluent Gross	0	Sample Permit Req. Value NOD1					Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX 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 NOD1					Req Mon 30DA AVG C - No Discharge			Req Mon DAILY MX C - No Discharge	2/8 - ug/L	02/3/6 - Twice Per Month GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NOD1					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 NOD1					3297.0 30DA AVG C - No Discharge			Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	10.0 INST MAX C - No Discharge	19 - mg/L	7/1/77 - Colligant GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	0.04 30DA AVG C - No Discharge	03 - MGD	01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	Value NODI Sample Permit Req. Value NODI	C - No Discharge	Req Mon INST MAX C - No Discharge	01/30 - Monthly VI - VISUAL	01/30 - Monthly VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archrsc.com

2021-11-19 11:25 (Time Zone: -07:00)

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit Permit #: C00038776 Major: No	Permittee: Permittee Address: Mountain Coal Co LLC 5174 Hwy 133 Someset, CO 81434	Facility: Facility Location: WEST ELK MINE HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature: 005 External Outfall	Discharge: 005-AA Coal Conveyor Runoff (MB-3)	
Report Dates & Status Monitoring Period: From 10/01/21 to 10/31/21	DMR Due Date: 11/28/21	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 MLOQ=EG; ADJUSTED SAR AT MLOC=P		
Principal Executive Officer First Name: Last Name: No Data Indicator (NODI)		
Form NODI: Code Parameter Monitoring Location Season # Param NODI		
00094 Conductivity	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge
00400 pH	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units 6.5 MINIMUM C - No Discharge 9.0 MAXIMUM C - No Discharge 12 - SU 0120 - Monthly GR - GRAB
00440 Bicarbonate Ion [as HCO3]	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge Req Mon DAILY MX C - No Discharge 0230 - Twice Per Month GR - GRAB
00530 Solids, total suspended	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units 35.0 30DA AVG C - No Discharge 70.0 DAILY MX C - No Discharge 19 - mg/L 0130 - Monthly GR - GRAB
00918 Calcium, total recoverable	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge Req Mon DAILY MX C - No Discharge 0230 - Twice Per Month GR - GRAB
00921 Magnesium, total recoverable	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge Req Mon DAILY MX C - No Discharge 0230 - Twice Per Month GR - GRAB
00923 Sodium, total recoverable	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge Req Mon DAILY MX C - No Discharge 0230 - Twice Per Month GR - GRAB
00931 Sodium adsorption ratio	EG - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge Req Mon DAILY MX C - No Discharge 0230 - Twice Per Month CA - CALCTD
00931 Sodium adsorption ratio	P - See Comments 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge Req Mon DAILY MX C - No Discharge 0230 - Twice Per Month CA - CALCTD
00940 Chloride [as Cl]	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge 19 - mg/L 0230 - Twice Per Month GR - GRAB
00978 Arsenic, total recoverable	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units Req Mon 30DA AVG C - No Discharge 28 - ug/L 0230 - Twice Per Month GR - GRAB
00980 Iron, total recoverable	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units 9500.0 30DA AVG C - No Discharge 7000.0 DAILY MX C - No Discharge 0130 - Monthly GR - GRAB
01046 Iron, dissolved [as Fe]	1 - Effluent Gross 0	Sample Permit Req. Value NODI Qualifier 1 Value 1 Qualifier 2 Value 2 Units 3297.0 30DA AVG C - No Discharge 28 - ug/L 0230 - Twice Per Month GR - GRAB

[illegible]

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

NPOULOS1031

Nicole Poulos

npoulos@archrsc.com

2021-11-19 11:23 (Time Zone: -07:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Permit #:	No	Permittee Address:	5174 Hwy 133 Somesel, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	034 External Outfall	Discharge:	034-A Comingled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch	Status:	NetDMR Validated
Report Dates & Status		DMR Due Date:	11/28/21	Telephone:	
Monitoring Period:	From 10/01/21 to 10/31/21				
Considerations for Form Completion					

Principal Executive Officer		Title:	
First Name:			
Last Name:			
No Data Indicator (NODI)			
Code	Parameter Name	Monitoring Location Season # Param. NODI	
00400	pH	1 - Effluent Gross 0	
00980	Iron, total recoverable	1 - Effluent Gross 0	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross 0	

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
Sample Permit Req. Value NODI		8.01	Req Mon MINIMUM	12 - SU	0
Sample Permit Req. Value NODI		1200.0	Req Mon 30DA AVG	01/20 - Monthly	GR - GRAB
Sample Permit Req. Value NODI		0.0072	Req Mon DAILY MX 03 - MGD	01/20 - Monthly	GR - GRAB
Sample Permit Req. Value NODI		0.0072	Req Mon 30DA AVG	01/20 - Monthly	IN - INSTAN

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

Edit Check Errors
No errors.

Comments

Attachments
No attachments

Report Last Saved By
Mountain Coal Co LLC

User: NPOULOS1031
Name: Nicole Poulos
E-Mail: npoulos@archrsc.com
Date/Time: 2021-11-22 09:31 (Time Zone: -07:00)

Report Last Signed By
User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archrsc.com
Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No

Permitted Feature:
UST2
Receiving Water (Ambient)

Report Dates & Status
Monitoring Period: From 10/01/21 to 10/31/21
Considerations for Form Completion

Principal Executive Officer
First Name:
Last Name:

Form NODI:
No Data Indicator (NODI)

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

Discharge:
UST2-A
Instream Monitoring

DMR Due Date:
11/28/21

Title:

Season & Param. NODI
Monitoring Location
Z - Instream Monitoring
0

Sample
Permit Req.
Value NODI

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

Status:
NetDMR Validated

Telephone:

Code	Parameter Name	Monitoring Location	Season & Param. NODI	Quantity or Loading Qualifier 1 Value 1 Qualifier 2 Value 1 Qualifier 2 Value 2 Value 3	Quality or Concentration Qualifier 1 Value 1 Qualifier 2 Value 1 Qualifier 2 Value 2 Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	9.798	10.885	04 - deg C	9999 - Continuous	RC - Recorder (auto)
				Req Min MX WK AV	Req Min DAILY MX 04 - deg C		9999 - Continuous	RC - Recorder (auto)

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

Edit Check Error/s
No errors.

Comments

Attachments

UST12AOctober2021.pdf

Report Last Saved By
Mountain Coal Co LLC

User:
Name:
E-Mail:
Date/Time:

Report Last Signed By

User:
Name:
E-Mail:
Date/Time:

Name

Type

Size

NPOULOS1031

pdf

359974.0

Nicole Poulos

npoulos@archsc.com

2021-11-19 11:28 (Time Zone: -07:00)

JWILCZEK

Jessica Wilczek

jwilczek@archsc.com

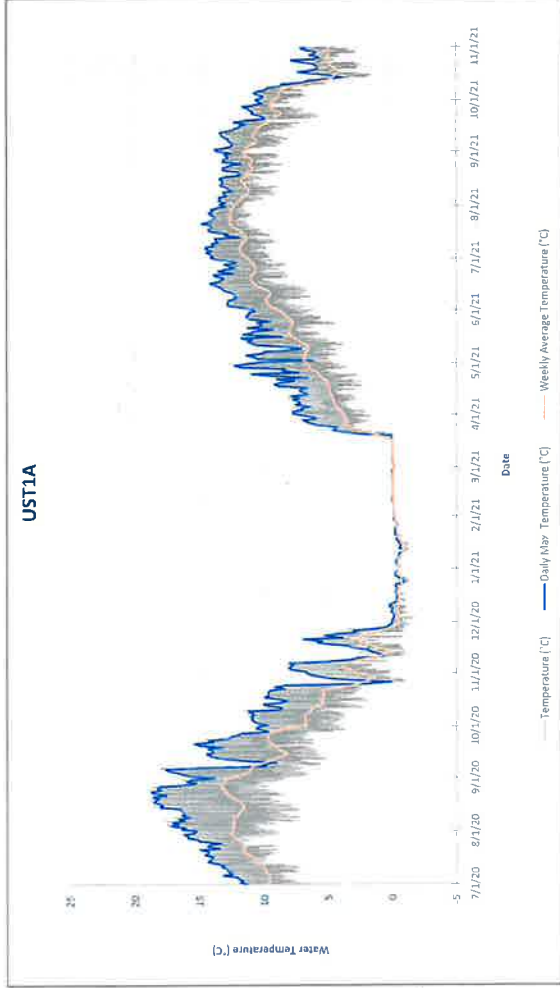
2021-11-23 09:48 (Time Zone: -07:00)

UST1A				
Month	Highest Daily Max. Temperature (DM)[°C] ¹		Maximum Weekly Average Temperature (MWAT) (°C) ^{2,3}	
	Temp. [°C]	Date	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
October 2021	10.748	6-Oct	9.276	1-Oct

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

²MWAT is the highest Weekly Average Temperature (WAT) in the month (S CCR 1002-31.5 [28]). WAT is the average of daily average temperature over a seven day consecutive period, with a minimum of three data points spaced equally through each day (S CCR 1002-31.5 [30]).

³From 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 8 days after.

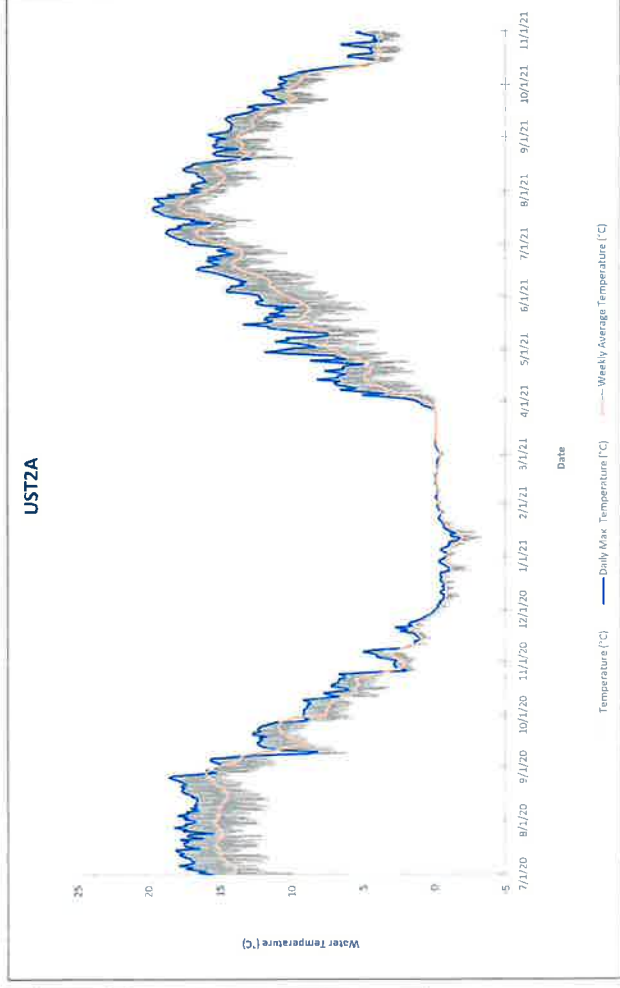


UST2A				
Month	Highest Daily Max. Temperature (DM)[°C] ¹		Maximum Weekly Average Temperature (MWAT) (°C) ^{2,3}	
	Temp. [°C]	Date	Temp. [°C]	Date
July 2020	18.188	28-Jul	15.404	31-Jul
August 2020	18.569	26-Aug	16.064	28-Aug
September 2020	15.712	5-Sep	15.354	1-Sep
October 2020	9.176	2-Oct	7.649	1-Oct
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	19.701	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
October 2021	10.895	2-Oct	9.798	1-Oct

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

²MWAT is the highest Weekly Average Temperature (WAT) in the month (S CCR 1002-31.5 [28]). WAT is the average of daily average temperature over a seven day consecutive period, with a minimum of three data points spaced equally through each day (S CCR 1002-31.5 [30]).

³From 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 8 days after.



DMR Copy of Record

Permit	Permit #: CO0038776	Permittee: Mountain Coal Co LLC	Facility: WEST ELK MINE
Major:	No	Permittee Address: 5174 Hwy 133 Somerset, CO 81434	Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	035 External Outfall	Discharge: 035-A Stormwater Runoff from Train Loadout Area to N. Fork of Gunnison River	
Report Dates & Status			
Monitoring Period:	From 10/01/21 to 10/31/21	DMR Due Date: 11/28/21	Status: NetDMR Validated
<i>Considerations for Form Completion</i>			

Principal Executive Officer

First Name: _____ **Title:** _____

Last Name: _____

No Data Indicator (NODI)

Form NODI: _____

Code	Parameter Name	Monitoring Location	Reason #	Permit NODI	Quantity or Loading			Quality or Concentration			Units			# of Ex. Frequency of Analysis Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Qualifier 4	Value 4	Qualifier 5	Value 5	Qualifier 6	Value 6
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI											

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

NPOULOS1031

Name:

Nicole Poulos

E-Mail:

npoulos@archsc.com

Date/Time:

2021-11-22 09:33 (Time Zone: -07:00)

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-11-23 09:48 (Time Zone: -07:00)

DMR Copy of Record

Permit
 Permit #: CO0038776
 Major: No

Permitted Feature:
 032 External Outfall

Report Dates & Status
 Monitoring Period: From 10/01/21 to 10/31/21
 Considerations for Form Completion

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

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

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

DMR Due Date: 11/29/21

Status: NetDMR Validated

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

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample										
				Permit Req.											
				Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample										
				Permit Req.											
				Value NODI											
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample										
				Permit Req.											
				Value NODI											
00680	Iron, total recoverable	1 - Effluent Gross	0	--	Sample										
				Permit Req.											
				Value NODI											
50050	Flow, In conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample										
				Permit Req.											
				Value NODI											

Submission Note

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

Edit Check Errors

No errors

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: NPOULOS/1031

Name: Nicole Poulos

E-Mail: npoulos@archrsc.com

Date/Time: 2021-11-22 09:05 (Time Zone: -07:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-11-23 09:48 (Time Zone: -07:00)

