

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No

Permitted Feature:
005
External Outfall

Report Dates & Status
Monitoring Period:
From 08/01/21 to 08/31/21

Considerations for Form Completion
TSS AND TOTAL RECOVERABLE 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 IC.1a
REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.

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

Form NODI:

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

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

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

DMR Due Date:
09/28/21

Status:
NetDMR Validated

Title:
Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration		# of Ex. Frequency of Analysis		Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	
00094	Conductivity	1 - Effluent Gross	0	-			Req Mon 30DA AVG C - No Discharge		7B - dS/m	02/30 - Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0	-			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	-			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	-			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	-			Req Mon 30DA AVG C - No Discharge	Per Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-			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	-			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	-			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALC/D
00931	Sodium adsorption ratio	P - See Comments	0	-			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALC/D
00940	Chloride (as Cl)	1 - Effluent Gross	0	-			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	-			Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-			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	-			3297.0 30DA AVG C - No Discharge		28 - mg/L	02/30 - Twice Per Month	GP - GRAB

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI		Req Mon 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 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 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 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 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 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
50350	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 - absl-0grsl-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:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwelt@archcoal.com

2021-09-20 13:18 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No

Permitted Feature:
007
Internal Outfall

Report Dates & Status
Monitoring Period: From 08/01/21 to 08/31/21
Considerations for Form Completion
30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

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

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

Discharge:
007-A
Domestic WWTP Polishing Pond

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

DMR Due Date:
09/28/21

Status:
NetDMR Validated

Title:
Telephone:

Code	Parameter Name	Monitoring Location	Season & Param	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample	0.192/12	=	0.192/12	<	4.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.	<=		Req Mon DAILY MX	<=	45.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI						0		
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample	0.3095/157	=	0.4281/141	=	8.9	19 - mg/L	01/07 - Weekly	GR - GRAB
					Permit Req.	<=		Req Mon DAILY MX	<=	110.0	19 - mg/L	01/07 - Weekly	GR - GRAB
					Value NODI						0		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	-	Sample					0.00	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.	<=		Req Mon DAILY MX	<=	85.0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Value NODI						0		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample	0.005768	=	0.01018				99/99 - Continuous	RC - Recorder (auto)
					Permit Req.	<=		Req Mon DAILY MX				99/99 - Continuous	RC - Recorder (auto)
					Value NODI						0		

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

Edit Check Errors
No errors.

Comments

Attachments
No attachments

Report Last Saved By
Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-09-20 13:35 (Time Zone: -06:00)

Report Last Signed By
JWILCZEK

User: Jessica Wilczek
Name: Jessica Wilczek
E-Mail: jwilczek@archisc.com
Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: C00038776
Major: No
Permitted Feature: 008 External Outfall
Report Dates & Status
Monitoring Period: From 08/01/21 to 08/31/21
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 MLOC=EG; ADJUSTED SAR AT MLOC=P
Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Permittee:
Permittee Address:
Discharge:
DMR Due Date:
Status:
Telephone:

Facility:
Facility Location:
NetDMR Validated

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 3	Value 3	Units		
00094	Conductivity	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI							Req Mon 30DA AVG		78 - dS/m	02/30 - Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI					6.5 MINIMUM		9.0 MAXIMUM		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		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00520	Solids, total suspended	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI							35.0 30DA AVG		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		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		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		19 - mg/L	07/30 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--		Sample Permit Req. Value NODI							Req Mon 30DA AVG		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		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		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		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI							6000.0 30DA AVG		28 - ug/L	01/30 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--		Sample Permit Req. Value NODI							3287.0 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	28 - ug/L	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01074	Nickel, total recoverable	1 - Effluent Gross	0	28 - ug/L	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01114	Lead, total recoverable	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01118	Chromium, total recoverable	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01306	Copper, potentially dissolved	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	Req Mon 30DA AVG C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01318	Lead, potentially dissolved	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
03592	Oil and grease	1 - Effluent Gross	0	10.0 INST MAX 19 - mg/L C - No Discharge	7/1/77 - Contingent GR - GRAB
Sample Permit Req. Value NODI		Req Mon DAILY MX 28 - ug/L C - No Discharge			
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	Req Mon DAILY MX 28 - ug/L C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	0.03 30DA AVG C - No Discharge	01/30 - Monthly IN - INSTAN
Sample Permit Req. Value NODI		Req Mon DAILY MX 03 - MGD C - No Discharge			
50286	Mercury, total [low level]	1 - Effluent Gross	0	Req Mon 30DA AVG C - No Discharge	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	19 - mg/L	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
81020	Sulfate	1 - Effluent Gross	0	19 - mg/L	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
82057	Boron, total	1 - Effluent Gross	0	19 - mg/L	02/30 - Twice Per Month GR - GRAB
Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge			
84066	Oil and grease visual	1 - Effluent Gross	0	Req Mon INST MAX AB - abs=0,grsl=1 C - No Discharge	01/30 - Monthly VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By
Mountain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwel@archcoal.com

Date/Time:

2021-09-20 13:18 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archisc.com

Date/Time:

2021-09-22 07:42 (Time Zone: -06:00)

[illegible]

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	3297.0 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MAX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MAX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MAX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MAX 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 DAILY MAX 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 DAILY MAX 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	7/1/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon DAILY MAX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.23 30DA AVG C - No Discharge	Req Mon DAILY MAX 03 - MGD C - No Discharge	01/30 - Monthly IN - INSTAN
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.5 INST MAX C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	2000.0 30DA GM C - No Discharge	13 - #/100mL	02/30 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB

82057	Boron, total	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon sODA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon INST MAX C - No Discharge	0100 - Monthly	VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2021-09-20 13:18 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature:

011
External Outfall

Report Dates & Status

Monitoring Period:

From 08/01/21 to 08/31/21

Considerations for Form Completion

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

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

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

Facility Location:

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

Discharge:

011-AA
Mine Water to Sylvester Gulch

DMR Due Date:

09/28/21

Status:

NotDMR Validated

Title:

Telephone:

Code	Parameter Name	Monitoring Location	Season #	Param NODI	Sample Permit Req Value NODI	Qualifier 1	Value 1	Quantity or Loading	Unit	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality or Concentration	Qualifier 2	Value 2	Qualifier 3	Value 3	Unit	# of Est Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	-	Sample Permit Req Value NODI									Req Mon MX WK AV C - No Discharge			Req Mon DAILY MX C - No Discharge		14 - deg C	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	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		18 - 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		18 - 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		18 - 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		18 - 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									1000.0 30DA AVG C - No Discharge			6000.0 DAILY MX C - No Discharge		28 - ug/L	01/30 - Monthly	GR - GRAB

82057 Boron, total

1 - Effluent Gross0

Value NODI

C - No Discharge

84066 Oil and grease visual

1 - Effluent Gross0

Sample Permit Req.

Value NODI

Req Mon INST MAX AB - abs=0prst=1
C - No Discharge

0107 - 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

Morrlain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2021-09-20 13:19 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archsc.com

Date/Time:

2021-09-22 07:42 (Time Zone: -06:00)

Permit	Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
	Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
	Permitted Feature:	012 External Outfall	Discharge:	012-AA Mine Water to Minnesota Creek		
	Report Dates & Status		DMR Due Date:	09/28/21	Status:	NeDMR Validated
	Monitoring Period:	From 08/01/21 to 08/31/21				
	Considerations for Farm Completion					
	TSS and TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 15 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD OIL AND GREASE- SEE LC a.					
	REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.					
	Principal Executive Officer					
	First Name:		Title:		Telephone:	
	Last Name:					

Form NDI:																	
Code	Parameter Name	Monitoring Location	Season	Param. NDI	Quantity or Loading				Quality or Concentration				Frequency of Analysis			Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	Est.	
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	±	Sample Permit Req. Value NDI							Req Mon MX WK AV C - No Discharge	04 - deg C	Req Mon DAILY MX	99/99 - Continuous	RC - Recorder (RIS)	
00400	pH	1 - Effluent Gross	0	±	Sample Permit Req. Value NDI				≥ 6.5 MINIMUM C - No Discharge			9.0 MAXIMUM C - No Discharge	12 - SU		01/07 - Weekly	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	±	Sample Permit Req. Value NDI						35.0 30DA AVG C - No Discharge	70.0 DAILY MX C - No Discharge	19 - mg/L		01/30 - Monthly	GR - GRAB	
00940	Chloride [as Cl]	1 - Effluent Gross	0	±	Sample Permit Req. Value NDI						Req Mon 30DA AVG C - No Discharge		19 - mg/L		02/30 - Twice Per Month	GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	±	Sample Permit Req. Value NDI						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 NDI						3500.0 30DA AVG C - No Discharge	7000.0 DAILY MX C - No Discharge	28 - ug/L		01/30 - Monthly	GR - GRAB	
01045	Iron, dissolved [as Fe]	1 - Effluent Gross	0	±	Sample Permit Req. Value NDI						Req Mon 30DA AVG C - No Discharge		28 - ug/L		02/30 - Twice Per Month	GR - GRAB	
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	±	Sample Permit Req. Value NDI						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 NDI						Req Mon 30DA AVG C - No Discharge		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.	Value NODI	Req Mon DAILY MX 28 - ug/L	C - No Discharge	02/30 - Twice Per Month	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	-		Sample Permit Req.	Value NODI	Req Mon 30DA AVG	C - No Discharge	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	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	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	02/30 - Twice Per Month	GR - GRAB
01318	Lead, potentially dissolved	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
01319	Manganese, potentially dissolved	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
01322	Nickel, potentially dissolved	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
01323	Selenium, potentially dissolved	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
03592	Oil and grease	1 - Effluent Gross	0	-		Sample Permit Req.	Value NODI	10.0 INST MAX	C - No Discharge	7/7/77 - 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	0.072 30DA AVG	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	02/30 - Twice Per Month	GR - GRAB
										02/30 - Twice Per Month	

51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Req. Min 30DA AVG C - No Discharge	19 - mg/L	Month	GR - GRAB
51484	Number of Events	1 - Effluent Gross	0	--	Req. Min 30DA AVG C - No Discharge	5J - #	01/30 - Monthly	CA - CALCTD
81020	Sulfate	1 - Effluent Gross	0	--	Req. Min 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
81381	Duration of discharge	1 - Effluent Gross	0	--	Req. Min 30DA AVG C - No Discharge	5A - d	01/07 - Weekly	CA - CALCTD
82057	Boron, total	1 - Effluent Gross	0	--	Req. Min 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
84086	Oil and grease visual	1 - Effluent Gross	0	--	Req. Min INST MAX C - No Discharge		01/07 - Weekly	VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By
Mountain Coal Co LLC

User:

3WELTBOYS

Name: Kathleen Welt

E-Mail: kwelt@archcoal.com

Date/Time: 2021-09-20 13:19 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature: 012A External Outfall

Report Dates & Status

Monitoring Period: From 08/01/21 to 08/31/21

Considerations for Form Completion

Permittee: Mountain Coal Co LLC

Permittee Address: 5174 Hwy 133 Somerset, CO 81434

Discharge: 012A-W Acute Monthly WET Testing for 012A

DMR Due Date: 09/28/21

Status: NetDMR Validated

Facility: WEST ELK MINE

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

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
51484	Number of Events	1 - Effluent Gross	0		Sample Permit Req. Value NODI				10.0 30DA AVG	<	3.0 MK 70 AV	5J - #	0130 - Monthly	CA - CALCTD	
					Sample Permit Req. Value NODI				C - No Discharge		C - No Discharge				
81381	Duration of discharge	1 - Effluent Gross	0		Sample Permit Req. Value NODI						3.0 MK 70 AV	5A - d	0107 - Weekly	CA - CALCTD	
					Sample Permit Req. Value NODI						C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS

Name: Kathleen Welt

E-Mail: kwelt@archcoal.com

Date/Time: 2021-09-20 13:19 (Time Zone: -06:00)

Report Last Signed By

JWILCZEK

User: Jessica Wilczek

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: C00038776
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: 014
External Outfall

Discharge: 014-AA
Surface Runoff to Sylvester Gulch

Report Dates & Status

Monitoring Period: From 08/01/21 to 08/31/21

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: _____

Last Name: _____

Title: _____

No Data Indicator (NODI)

Form NODI: --

Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value 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
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													99/99 - Continuous	RC - Recorder (auto)
00400 pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													12 - SU	GR - GRAB
00530 Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													19 - mg/L	GR - GRAB
00980 Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													28 - ug/L	GR - GRAB
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI													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: NPOULOS1031

Name: Nicole Poules

E-Mail: npoules@archrsc.com

Date/Time: 2021-09-08 10:46 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Someset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	015 External Outfall	Discharge:	015-AA Surface Runoff to N. Fork of Gunnison River		

Report Dates & Status

Monitoring Period:	From 08/01/21 to 08/31/21	DMR Due Date:	09/28/21	Status:	NetDMR Validated
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Considerations for Form Completion

TSS and TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENTS -SEE PG. 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: _____
Last Name: _____ Telephone: _____

No Data Indicator (NODI)

Form NODI: _____

Code	Parameter Name	Monitoring Location	Season # Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	# of Ex. Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	-											78 - dS/m	02/30 - Twice Per Month GR - GRAB
00400	pH	1 - Effluent Gross	0	-											9.0 MAXIMUM C - No Discharge	01/30 - Monthly GR - GRAB
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	-											Req Mon 30DA AVG C - No Discharge	02/30 - Twice Per Month GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	-											35.0 30DA AVG C - No Discharge	01/30 - Monthly GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	-											Req Mon 30DA AVG C - No Discharge	02/30 - Twice Per Month GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	-											Req Mon 30DA AVG C - No Discharge	02/30 - Twice Per Month GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	-											Req Mon 30DA AVG C - No Discharge	02/30 - Twice Per Month GR - GRAB
00931	Sodium adsorption ratio	EQ - Effluent Gross	0	-											Req Mon 30DA AVG C - No Discharge	02/30 - Twice Per Month CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	-											Req Mon 30DA AVG C - No Discharge	02/30 - Twice Per Month CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	-											19 - mg/L	02/30 - Twice Per Month GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	-											28 - ug/L	02/30 - Twice Per Month GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	-											3000.0 30DA AVG C - No Discharge	01/30 - Monthly GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	-											3297.0 30DA AVG C - No Discharge	02/30 - Twice Per Month GR - GRAB

					Value NODI				
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		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 DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		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.	Req Mon DAILY MX	03 - MGD	IN - INSTAN	
					Value NODI		C - No Discharge		
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon 30DA AVG	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
61020	Sulfate	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
82057	Boron, total	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month GR - GRAB	
					Value NODI		C - No Discharge		
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample				
					Permit Req.	Req Mon INST MAX	AB - ab440ps1=1	VI - VISUAL	
					Value NODI		C - No Discharge		

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwelt@archcoal.com

2021-09-20 13:20 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-09-22 07:42 (Time Zone: -06:00)

[illegible]

FORM NOD1.			Monitoring Location		Season #Param, NOD1		Quantity of 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	Units	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--									Req Mon DAILY MX	04 - deg C	9999 - Continue	RC - Recorder (auto)		
													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	--									9.0 MINIMUM	12 - SU	01/07 - Weekly	GR - GRAB		
													C - No Discharge					
00440	Bicarbonate Ion: [as HCO3]	1 - Effluent Gross	0	--									Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month	GR - GRAB		
													C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--									35.0 30DA AVG	19 - mg/L	01/30 - Monthly	GR - GRAB		
													C - No Discharge					
00918	Calcium, total recoverable	1 - Effluent Gross	0	--									Req Mon 30DA AVG	19 - mg/L	02/30 - Twice Per Month	GR - GRAB		
													C - No Discharge					
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--									Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB		
													C - No Discharge					
00923	Sodium, total recoverable	1 - Effluent Gross	0	--									Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB		
													C - No Discharge					
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--									Req Mon DAILY MX	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD		
													C - No Discharge					
00931	Sodium adsorption ratio	P - See Comments	0	--									Req Mon 30DA AVG	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD		
													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	2B - ug/L	02/30 - Twice Per Month	GR - GRAB		
													C - No Discharge					
00990	Iron, total recoverable	1 - Effluent Gross	0	--									1000.0 30DA AVG	2B - ug/L	01/30 - Monthly	GR - GRAB		
													C - No Discharge					

01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
03592	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	10.0 INST MAX C - No Discharge	19 - mg/L	77177 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. <=	0.25 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge		0120 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	28 - ug/L	0230 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	Req Mon 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
92057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	C - No Discharge	2.69 30DA AVG C - No Discharge	19 - mg/L	0230 - Twice Per Month GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	Req Mon INST MAX AB - absl-Opst-1 C - No Discharge			0120 - Monthly VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwel@archcoal.com

2021-09-20 13:20 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archrsc.com

2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Mountain Coal Co LLC	WEST ELK MINE		
Major:	No	5174 Hwy 133 Someset, CO 81434	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434		
Permitted Feature:		Discharge:		Status:	
017A External Outfall		017A-W Acute Monthly WET Testing for 017A		Not DMR Validated	
Report Dates & Status		DMR Due Date:			
Monitoring Period: From 08/01/21 to 08/31/21		09/28/21			
Considerations for Form Completion					
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI:					
Parameter	Name	Monitoring Location	Season	Param. NODI	
Code					
51484	Number of Events	1 - Effluent Gross	0		
Sample		Quantity or Loading		Quality or Concentration	
Permit Res.		Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2		Qualifier 3 Value 3 Units	
Value NODI		10.0 300A AVG		3.0 7 DA AVG	
		C - No Discharge		C - No Discharge	
Sample		Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2		Qualifier 3 Value 3 Units	
Permit Res.		10.0 7 DA AVG		10.0 7 DA AVG	
Value NODI		C - No Discharge		C - No Discharge	
81381		Duration of discharge		1 - Effluent Gross	
		0			

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

Edit Check Errors

No errors.

Comments

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS

Name: Kathleen Weil

E-Mail: kweil@archcoal.com

Date/Time: 2021-09-20 13:20 (Time Zone: -06:00)

Report Last Signed By

JWILCZEK

User: Jessica Wilczek

Name: jwilczek@archrsc.com

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 025 External Outfall
Permittee: Mountain Coal Co LLC
5174 Hwy 133
Sommerset, CO 81434
Facility: WEST ELK MINE
Facility Location: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Report Dates & Status

Monitoring Period: From 08/01/21 to 08/31/21
Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param	NODI	Sample	Permit Req	Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	# of Ex	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0			Sample	Permit Req	Value NODI		8.0			Req Mon MINIMUM				0	0130 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0			Sample	Permit Req	Value NODI		710.0			Req Mon 30DA AVG				0	0130 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0			Sample	Permit Req	Value NODI		1.1			Req Mon 30DA AVG				0	0130 - Monthly	GR - GRAB
00680	Iron, total recoverable	1 - Effluent Gross	0			Sample	Permit Req	Value NODI		25000.0			Req Mon 30DA AVG				0	0130 - Monthly	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0			Sample	Permit Req	Value NODI		0.00576			Req Mon DAILY MX 03 - MGD				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: 3WELTBOYS

Name: Kathleen Weit

E-Mail: kweit@archcoal.com

Date/Time: 2021-09-20 14:35 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
 Major: No
 Facility: WEST ELK MINE
 Facility Location: HWY 133, E OF TOWN
 GUNNISON COUNTY, CO 81434

Permitted Feature: 026
 External Outfall

Report Dates & Status
 Monitoring Period: From 08/01/21 to 08/31/21

Considerations for Form Completion

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

DMR Due Date: 09/28/21

Status: NetDMR Validated

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Telephone:

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	--	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
00530 Solids, total suspended	1 - Effluent Gross	0	--	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
00545 Solids, settleable	1 - Effluent Gross	0	--	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
00590 Iron, total recoverable	1 - Effluent Gross	0	--	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	0130 - Monthly	GR - GRAB
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 3	Value 3	Units	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:

3WELTBOYS
 Kathleen Well
 kwell@archcoal.com
 2021-09-20 14:35 (Time Zone: -05:00)

JWILCZEK
 Jessica Wilczek
 jwilczek@archrsc.com
 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: C00038776
 Major: No
 Facility: WEST ELK MINE
 Facility Location: HWY 133, E OF TOWN
 GUNNISON COUNTY, CO 81434

Permitted Feature:

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

Report Dates & Status

Monitoring Period: From 08/01/21 to 08/31/21

Considerations for Form Completion

DMR Due Date: 09/28/21

Status: NetDMR Validated

Principal Executive Officer

First Name:

Last Name:

Title:

Form NODI:

Code	Parameter Name	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality w/ Concentration	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality w/ Concentration	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality w/ Concentration	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality w/ Concentration	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality w/ Concentration	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Quality w/ Concentration	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type

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:

2021-09-20 14:35 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No
Permitted Feature: 030 External Outfall
Report Dates & Status
Monitoring Period: From 08/01/21 to 08/31/21
Considerations for Form Completion
Permittee: Mountain Coal Co LLC
5174 Hwy 133
Somerset, CO 81434
Discharge: 030-A
Stormwater from Drainage Basins 46B1 and 46B2 to Sylvester Gulch
Facility: WEST ELK MINE
Facility Location: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434
Status: NetDMR Validated

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

No Data Indicator (NODI)

Form NODI:		Parameter Name	Monitoring Location	Season	Param. NODI	Quantity or Loading		Quality or Concentration		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	--		8.1					12 - SU
							Req Mon MINIMUM					GR - GRAB
00530	Solids, total suspended		1 - Effluent Gross	0	--				120.0			19 - mg/L
							Req Mon 30DA AVG					GR - GRAB
100545	Solids, settleable		1 - Effluent Gross	0	--				0.1			25 - mL/L
							Req Mon 30DA AVG					GR - GRAB
00980	Iron, total recoverable		1 - Effluent Gross	0	--				4600.0			28 - ug/L
							Req Mon 30DA AVG					GR - GRAB
50050	Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--							03 - MGD
							0.00504					03 - MGD
							0.07 30DA AVG					0

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Well

E-Mail:

kwell@archcoal.com

Date/Time:

2021-09-20 14:36 (Time Zone: -06:00)

Report Last Signed By

User:

JWILCZEK

Name:

Jessica Wilczek

E-Mail:

jwilczek@archrsc.com

Date/Time:

2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: C00038776
Major: No

Permitted Feature: 032
External Outfall

Report Dates & Status
Monitoring Period: From 08/01/21 to 08/31/21
Considerations for Form Completion

Permittee:

Mountain Coal Co LLC
5174 Hwy 133
Someset, CO 81434

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

DMR Due Date: 09/28/21

Facility:

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

Status: NetDMR Validated

Principal Executive Officer

First Name:
Last Name:

Title:

No Data Indicator (NODI)

Form NODI:

Parameter		Monitoring Location		Season	# Param. NDI	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	--						=	9.2	Req Mon MINIMUM			0.2	12 - SU	GR - GRAB
																	0	GR - GRAB
00530	Solids, total suspended	1 - Effluent	Gross	0	--						=	470.0	Req Mon 3BDA AVG			470.0	19 - mg/L	GR - GRAB
																	0	GR - GRAB
00545	Solids, settleable	1 - Effluent	Gross	0	--						=	0.6	Req Mon 3BDA AVG			0.6	25 - mL/L	GR - GRAB
																	0	GR - GRAB
00980	Iron, total recoverable	1 - Effluent	Gross	0	--						=	15000.0	Req Mon 3BDA AVG			15000.0	28 - ug/L	GR - GRAB
																	0	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent	Gross	0	--		0.00864		0.00864	03 - MGD			Req Mon DAILY MX	03 - MGD			0	IN - INSTANT
							0.58 3BDA AVG			Req Mon DAILY MX								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: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2021-09-20 14:36 (Time Zone: -06:00)

Report Last Signed By
User: JWILCZEK
Name: Jessica Wilczek
E-Mail: jwilczek@archcoal.com
Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit
Permit #: CO0038776
Major: No
Permitted Feature: 033 Internal Outfall
Report Dates & Status
Monitoring Period: From 08/01/21 to 08/31/21
Considerations for Form Completion
Principal Executive Officer
First Name:
Last Name:
No Data Indicator (NODI)
Form NODI: --
Monitoring Location Season # Param. NODI
Code **Parameter Name** **Monitoring Location Season # Param. NODI** **Sample Permit Req. Value NODI** **Qualifier 1** **Value 1** **Quantity or Loading Qualifier 2** **Value 2** **Units** **Qualifier 1** **Value 1** **Qualifier 2** **Value 2** **Qualifier 3** **Value 3** **Units** **# of Ex.** **Frequency of Analysis** **Sample Type**
00400 pH 1 - Effluent Gross 0 -- 1 - Effluent Gross 0 -- 1 - Effluent Gross 0 -- 1 - SU 01/30 - Monthly GR - GRAB
00530 Solids, total suspended 1 - Effluent Gross 0 -- 1 - Effluent Gross 0 -- 1 - mg/L 01/30 - Monthly GR - GRAB
00545 Solids, settleable 1 - Effluent Gross 0 -- 1 - mg/L 01/30 - Monthly GR - GRAB
00990 Iron, total recoverable 1 - Effluent Gross 0 -- 1 - mg/L 01/30 - Monthly GR - GRAB
50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross 0 -- 1 - MGD 01/30 - Monthly IN - INSTAN

Code	Parameter Name	Monitoring Location Season # Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Quantity or Loading Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross 0 --	Sample Permit Req. Value NODI															
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															
00990	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

No Discharge

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS

Kathleen Welt

kwelt@archcoal.com

2021-09-20 14:36 (Time Zone: -06:00)

JWILCZEK

Jessica Wilczek

jwilczek@archcoal.com

2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: CO0038776
 Major: No
 Facility: WEST ELK MINE
 Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434

Permitted Feature:
 034 External Outfall
 Discharge: 034-A
 Coningled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch

Report Dates & Status
 Monitoring Period: From 08/01/21 to 08/31/21
 DMR Due Date: 09/28/21
 Status: NetDMR Validated

Considerations for Form Completion

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

No Data Indicator (NODI)

Code	Parameter Name	Monitoring Location	Session #	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex. Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--				8.1				8.1	12 - SU	0	GR - GRAB
								Req Mon MINIMUM				Req Mon MAXIMUM			GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--						20000.0			28 - ug/L	0	GR - GRAB
										Req Mon 30DA AVG			28 - ug/L		GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--										0	IN - INSTANT
															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: 3WELTBOYS

Name: Kathleen Welt

E-Mail: kwelt@archcoal.com

Date/Time: 2021-09-20 14:39 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archtrsc.com

Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permittee: Mountain Coal Co LLC
Permittee Address: 5174 Hwy 133
Sommerset, 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 08/01/21 to 08/31/21

DMR Due Date: 09/28/21

Considerations for Form Completion

Status: NeIDMR Validated

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:		Monitoring Location		Season # Param NODI		Sample Permit Req. Value NODI		Quantity or Loading		Quality or Concentration		Units		# of Ex. Frequency of Analysis		Sample Type	
Code	Parameter Name					Qualifier 1	Qualifier 2	Value 1	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 2	Value 3	Qualifier 3	Units	
00400	pH		1 - Effluent Gross	0	--			7.7		Req Mon MINIMUM				7.7		12 - SU	GR - GRAB
00550	Solids, total suspended		1 - Effluent Gross	0	--							890.0		890.0		19 - mg/L	GR - GRAB
												Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	GR - GRAB
00980	Iron, total recoverable		1 - Effluent Gross	0	--							30000.0		30000.0		28 - ug/L	GR - GRAB
												Req Mon 30DA AVG		Req Mon DAILY MX		28 - ug/L	GR - GRAB
50050	Flow, in conduit or thru treatment plant		1 - Effluent Gross	0	--			0.0036		1.3 30DA AVG		0.0036				03 - MGD	IN - INSTAN
												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: 3WELTBOYS

Name: Kathleen Welt

E-Mail: kwel@archcoal.com

Date/Time: 2021-09-20 14:41 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit
 Permit #: CO0038776
 Major: No
 Permitted Feature: 300 Influent Structure
 Report Dates & Status: From 08/01/21 to 08/31/21
 Monitoring Period: 08/01/21 to 08/31/21
 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: [Signature]
 First Name: [Blank]
 Last Name: [Blank]
 Form NODI: [Blank]

Permittee: Mountain Coal Co LLC
 Permittee Address: 5174 Hwy 133, Somerset, CO 81434
 Discharge: 300-I Influent Measurements
 DMR Due Date: 09/28/21
 Status: NetDMR Validated

Facility: WEST ELK MINE
 Facility Location: HWY 133, E OF TOWN, GUNNISON COUNTY, CO 81434
 Title: [Blank]
 Telephone: [Blank]

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

Name:

E-Mail:

Date/Time:

Report Last Signed By

User:

Name:

E-Mail:

Date/Time:

3WELTBOYS
 Kathleen Welt
 kwelt@archcoal.com
 2021-09-20 14:41 (Time Zone: -06:00)

JWILCZEK
 Jessica Wilczek
 jwilczek@archrsc.com
 2021-09-22 07:42 (Time Zone: -06:00)

DMR Copy of Record

Permit	Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
	Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
	Permitted Feature:	UST1 Receiving Water (Ambient)	Discharge:	UST1-A Instream Monitoring		
Report Dates & Status	Monitoring Period:	From 08/01/21 to 08/31/21	DMR Due Date:	09/28/21	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	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	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Units
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0		Sample Permit Req. Value N9901			12.379	Red Mon MX WK AV	13.51	04 - deg C	9999 - Continuous	RC - Recorder (auto)	
									Req Mon DAILY MX	04 - deg C	0	9999 - Continuous	RC - Recorder (auto)	

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

Edit Check Errors
No errors
Comments

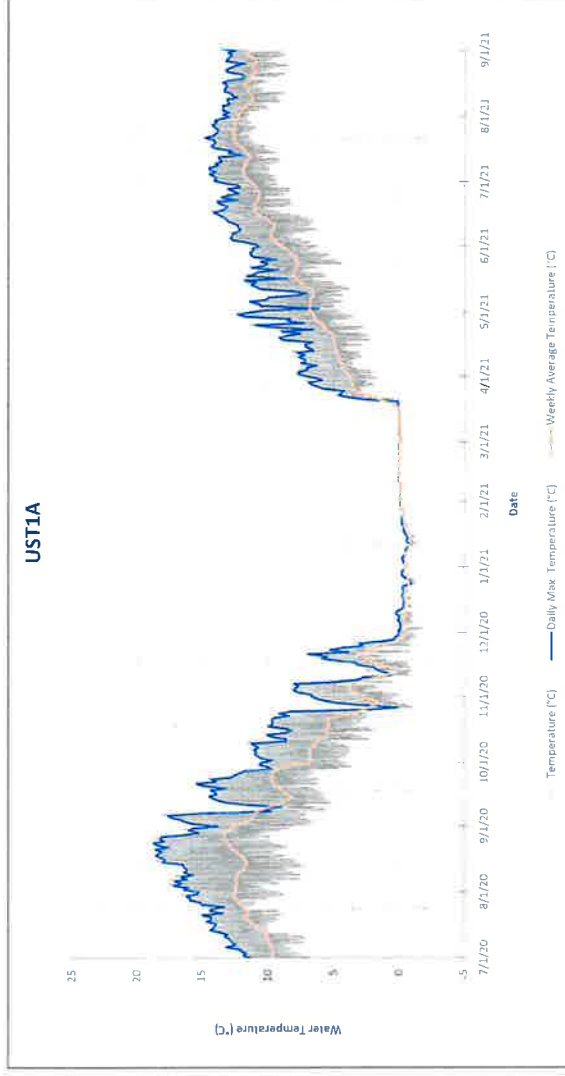
Attachments	Name	Type	Size
UST12AAugust2021.pdf		pdf	328068 0
Report Last Saved By			
Mountain Coal Co LLC			
User:	3WELTBOYS		
Name:	Kathleen Weit		
E-Mail:	kweit@archcoal.com		
Date/Time:	2021-09-20 14:41 (Time Zone: -06:00)		
Report Last Signed By			
User:	JWILCZEK		
Name:	Jessica Wilczek		
E-Mail:	jwilczek@archrsc.com		
Date/Time:	2021-09-22 07:42 (Time Zone: -06:00)		

UST1A			
Month	Highest Daily Max. Temperature (DM)(°C) ¹		Maximum Weekly Average Temperature (MWAT) (°C) ^{2,3}
	Temp. (°C)	Date	Temp. (°C)
July 2020	16.237	30-Jul	12.637
August 2020	18.759	24-Aug	13.343
September 2020	17.665	6-Sep	12.712
October 2020	11.236	10-Oct	6.741
November 2020	8.033	7-Nov	3.868
December 2020	0.232	11-Dec	-0.366
January 2021	-0.102	31-Jan	-0.171
February 2021	0.010	25-Feb	0.010
March 2021	6.927	29-Mar	3.702
April 2021	12.304	30-Apr	6.523
May 2021	11.771	16-May	8.661
June 2021	14.182	17-Jun	11.078
July 2021	14.805	22-Jul	12.644
August 2021	13.510	4-Aug	12.379

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

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

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

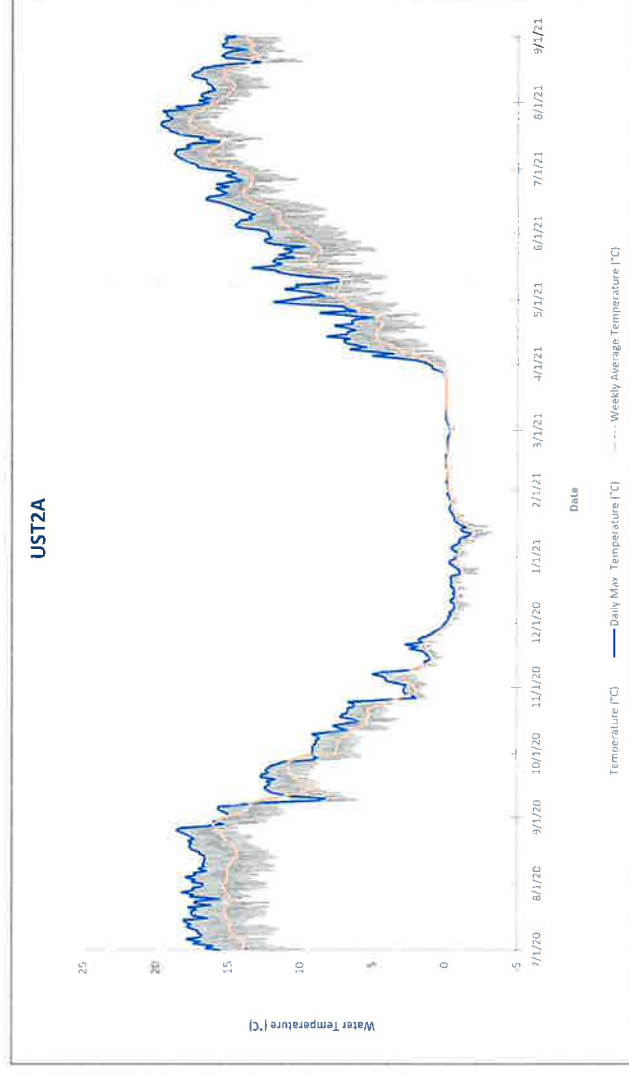


UST2A			
Month	Highest Daily Max. Temperature (DM)(°C) ¹		Maximum Weekly Average Temperature (MWAT) (°C) ^{2,3}
	Temp. (°C)	Date	Temp. (°C)
July 2020	18.188	28-Jul	15.404
August 2020	18.569	26-Aug	16.064
September 2020	15.712	5-Sep	15.354
October 2020	9.176	2-Oct	7.649
November 2020	4.986	7-Nov	2.872
December 2020	-0.046	1-Dec	-0.211
January 2021	-0.213	31-Jan	-0.314
February 2021	-0.102	18-Feb	-0.120
March 2021	0.893	31-Mar	0.356
April 2021	11.868	30-Apr	6.790
May 2021	13.365	16-May	9.928
June 2021	16.618	17-Jun	14.142
July 2021	19.710	22-Jul	17.819
August 2021	17.570	14-Aug	16.016

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

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

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



DMR Copy of Record

Permit

Permit #: CO0038776

Major: No

Permitted Feature: UST2
Receiving Water (Ambient)

Report Dates & Status
Monitoring Period: From 06/01/21 to 06/31/21

Considerations for Form Completion

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

Discharge: UST2-A
Instream Monitoring

DMR Due Date: 09/28/21

Status: NetDMR Validated

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

Telephone:

Title:

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Parameter Name

Monitoring Location

Samson # Param. NODI

Sample Permit Req. Value NODI

Code

00010 Temperature, water deg. centigrade

Z - Instream Monitoring

0

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

16.016

=

17.57

04 - deg C

Quality or Concentration

Req Mon MX WK AV

Req Mon DAILY MX 04 - deg C

0

of Ex. Frequency of Analysis

99/99 - Continuous

99/99 - Continuous

RC - Recorder (auto)

RC - Recorder (auto)

Sample Type

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS

Name: Kathleen Well

E-Mail: kwell@archcoal.com

Date/Time: 2021-09-20 14:41 (Time Zone: -06:00)

Report Last Signed By

User: JWILCZEK

Name: Jessica Wilczek

E-Mail: jwilczek@archrsc.com

Date/Time: 2021-09-22 07:42 (Time Zone: -06:00)

