DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	005 External Outfall	**Discharge:**	**005-AA** Coal Conveyor Runoff (MB-3)		

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	–	Sample									Req Mon 30DA AVG			7B - dS/m		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	–	Sample						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	–	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00916	Calcium, total recoverable	1 - Effluent Gross	0	–	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	–	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	–	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	–	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	–	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	–	Sample									Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	–	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	–	Sample								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	–	Sample															
					Permit Req.								<=	3297.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB

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

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-25 12:47 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	–	Sample	=	0.312	=	0.312	26 - lb/d	=	4.0	=	4.0			19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.	<=	5.0 30DA AVG		Req Mon DAILY MX	26 - lb/d	<=	30.0 30DA AVG	<=	45.0 MX 7D AV			19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample	=	0.39	=	0.39	26 - lb/d	=	5.0	=	5.0			19 - mg/L		01/07 - Weekly	GR - GRAB
					Permit Req.	<=	12.0 30DA AVG		Req Mon DAILY MX	26 - lb/d	<=	75.0 30DA AVG	<=	110.0 MX 7D AV			19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	–	Sample						=	0.05	=	0.05			19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX			19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	–	Sample	=	0.009	=	0.009	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Permit Req.	<=	0.02 30DA AVG		Req Mon DAILY MX	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-26 10:52 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG			78 - dS/m		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	3297.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB

					Value NODI				C - No Discharge				
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<=	10.0 INST MAX C - No Discharge	19 - mg/L	77/77 - Contingent	GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.03 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge				01/30 - Monthly	IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month	GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon INST MAX AB - abst=0;prst=1 C - No Discharge				01/30 - Monthly	VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-25 12:47 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	011 External Outfall	**Discharge:**	**011-AA** Mine Water to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG			78 - dS/m		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	–	Sample															
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.									C - No Discharge		C - No Discharge				
					Value NODI															
00918	Calcium, total recoverable	1 - Effluent Gross	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	–	Sample															
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	–	Sample								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.									C - No Discharge		C - No Discharge				
					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. Value NODI					Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					<=	10.0 INST MAX C - No Discharge	19 - mg/L	77/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.014 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	03 - MGD				01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30 - Twice Per Month GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			Req Mon INST MAX AB - abst=0;prst=1 C - No Discharge					01/30 - Monthly VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-25 12:48 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge						
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI											C - No Discharge				
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															
					Value NODI									C - No Discharge		C - No Discharge				
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.															

					Value NODI					C - No Discharge			
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample								
					Permit Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI					C - No Discharge	C - No Discharge		
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample								
					Permit Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI					C - No Discharge	C - No Discharge		
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample								
					Permit Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI					C - No Discharge	C - No Discharge		
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								
					Permit Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI					C - No Discharge	C - No Discharge		
03582	Oil and grease	1 - Effluent Gross	0	--	Sample								
					Permit Req.						<= 10.0 INST MAX	19 - mg/L	77/77 - Contingent GR - GRAB
					Value NODI						C - No Discharge		
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample								
					Permit Req.						Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample								
					Permit Req.	<=	0.072 30DA AVG	Req Mon DAILY MX	03 - MGD				01/30 - Monthly IN - INSTAN
					Value NODI		C - No Discharge	C - No Discharge					
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample								
					Permit Req.					Req Mon 30DA AVG		28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI					C - No Discharge			
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			
81020	Sulfate	1 - Effluent Gross	0	--	Sample								
					Permit Req.					Req Mon 30DA AVG		19 - mg/L	02/30 - Twice Per Month GR - GRAB
					Value NODI					C - No Discharge			
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 - absl=0;prsl=1				01/30 - Monthly 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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-25 12:48 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI						C - No Discharge				C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge					
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	<=	0.03 30DA AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN
					Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-25 12:48 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG			78 - dS/m		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00916	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	3297.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB

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

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-25 12:49 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon 30DA AVG					78 - dS/m		02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge								
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		02/30 - Twice Per Month	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG			19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.								<=	100.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.								<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month	GR - GRAB

					Value NODI						C - No Discharge				
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge				
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.								Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI								C - No Discharge		
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge		C - No Discharge		
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge		C - No Discharge		
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge		C - No Discharge		
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge				
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge		C - No Discharge		
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge		C - No Discharge		
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge		C - No Discharge		
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge		C - No Discharge		
03582	Oil and grease	1 - Effluent Gross	0	--	Sample Permit Req.							<=	10.0 INST MAX	19 - mg/L	77/7 - Contingent GR - GRAB
					Value NODI								C - No Discharge		
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req.								Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI								C - No Discharge		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req.	<=	0.29 30DA AVG	Req Mon DAILY MX	03 - MGD						01/30 - Monthly IN - INSTAN
					Value NODI		C - No Discharge	C - No Discharge							
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge				
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				
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req.						Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month GR - GRAB
					Value NODI						C - No Discharge				
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req.					<=	2.59 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 - abst=0;prst=1						01/30 - Monthly 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:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-25 12:49 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	025 External Outfall	**Discharge:**	**025-A** Stormwater from Drainage Basin 49A5 to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

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

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:	2020-06-26 10:50 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	026 External Outfall	**Discharge:**	**026-A** Stormwater from Drainage Basin 49A3 to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

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

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:	2020-06-26 10:50 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	027 External Outfall	**Discharge:**	**027-A** Stormwater from Drainage Basin 49A2 to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

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

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-25 12:50 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	**Permittee:**	Mountain Coal Co LLC	**Facility:**	WEST ELK MINE
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	030 External Outfall	**Discharge:**	030-A Stormwater from Drainage Basins 46B1 and 46B2 to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	–	Sample					>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.														
					Value NODI						C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	–	Sample							<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.														
					Value NODI								C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	–	Sample														
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge				

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:	2020-06-26 10:50 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 05/01/20 to 05/31/20	**DMR Due Date:**	06/28/20	**Status:**	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

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

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:	2020-06-26 10:50 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

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

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:	2020-06-26 10:51 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	**CO0038776**	**Permittee:**	Mountain Coal Co LLC	**Facility:**	**WEST ELK MINE**
Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	034 External Outfall	**Discharge:**	**034-A** Comingled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch		

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: –

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00400	pH	1 - Effluent Gross	0	–	Sample						=	8.5			=	8.5	12 - SU		01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	–	Sample								=	130.0			28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI															

Submission Note

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Edit Check Errors

No errors.

Comments

NATURAL SPRING FLOW THROUGH THE CULVERT. NO STORMWATER FLOW.

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-06-26 10:53 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-06-26 11:06 (Time Zone: -06:00)

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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 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:		**Title:**		**Telephone:**	
Last Name:					
No Data Indicator (NODI)					
Form NODI:	–				

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

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
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Major:	No	**Permittee Address:**	5174 Hwy 133 Somerset, CO 81434	**Facility Location:**	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	300 Influent Structure	**Discharge:**	300-I Influent Measurements		

Report Dates & Status

Monitoring Period:	**From 05/01/20 to 05/31/20**	**DMR Due Date:**	**06/28/20**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

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

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00180	Plant capacity fact. percent of capacity	P - See Comments	0	--	Sample						=	46.7					23 - %		01/30 - Monthly	CA - CALCTD
					Permit Req.							Req Mon 30DA AVG					23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00180	Plant capacity fact. percent of capacity	Q - See Comments	0	--	Sample						=	45.1					23 - %		01/30 - Monthly	CA - CALCTD
					Permit Req.							Req Mon 30DA AVG					23 - %	0	01/30 - Monthly	CA - CALCTD
					Value NODI															
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	12.63	=	12.63	26 - lb/d	=	162.0	=	162.0			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.		Req Mon 30DA AVG		Req Mon MX 7D AV	26 - lb/d		Req Mon 30DA AVG		Req Mon MX 7D AV			19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample						=	168.0	=	168.0			19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.							Req Mon 30DA AVG		Req Mon MX 7D AV			19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Value NODI															

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Edit Check Errors

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Comments

Attachments

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