

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

005
External Outfall

Discharge:

005-AA
Coal Conveyor Runoff (MB-3)

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			7B - dS/m			
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	3297.0 30DA AVG			28 - ug/L			

					Value NODI									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											Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.											C - No Discharge			
					Value NODI														
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L		02/30 - Twice Per Month
					Permit Req.									C - No Discharge					GR - GRAB
					Value NODI														
01318	Lead, potentially dissolvd	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.									C - No Discharge	C - No Discharge				
					Value NODI														
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
03582	Oil and grease	1 - Effluent Gross	0	--	Sample										<=	10.0 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
					Permit Req.											C - No Discharge			
					Value NODI														
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.											C - No Discharge			
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					Permit Req.	<=	0.04 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									Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
81020	Sulfate	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
82057	Boron, total	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
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:2020-09-24 14:31 (Time Zone: -06:00)

Report Last Signed By

User:JPOULOS_5041

Name:John Poulos

E-Mail:jpoulos@archcoal.com

Date/Time:2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

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CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

007
Internal Outfall

Discharge:

007-A
Domestic WWTP Polishing Pond

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	0.273	=	0.273	26 - lb/d			=	4.0	=	4.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	5.0 30DA AVG		Req Mon DAILY MX	26 - lb/d			<=	30.0 30DA AVG	<=	45.0 MX 7D AV	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	0.534	=	0.778	26 - lb/d			=	7.8	=	11.4	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.	<=	12.0 30DA AVG		Req Mon DAILY MX	26 - lb/d			<=	75.0 30DA AVG	<=	110.0 MX 7D AV	19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample								=	0.09	=	0.09	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	85.0 30DA AVG	<=	85.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0082	=	0.0144	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.	<=	0.02 30DA AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample								=	2.0	=	2.0	13 - #/100mL	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	6000.0 30DA GM	<=	12000.0 MX 7D GM	13 - #/100mL		01/30 - Monthly	GR - GRAB
					Value NODI															

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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 Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-09-24 14:50 (Time Zone: -06:00)

Report Last Signed By

JPOULOS_5041

User:

John Poulos

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

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5174 Hwy 133
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Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

008
External Outfall

Discharge:

008-AA
Loadout Runoff (MB4)

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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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. 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.

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First Name:

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No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			7B - dS/m			
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	3297.0 30DA AVG			28 - ug/L			

					Value NODI									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											Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.											C - No Discharge			
					Value NODI														
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge	C - No Discharge				
					Value NODI														
03582	Oil and grease	1 - Effluent Gross	0	--	Sample										<=	10.0 INST MAX	19 - mg/L	77/77 - Contingent	GR - GRAB
					Permit Req.											C - No Discharge			
					Value NODI														
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.											C - No Discharge			
					Value NODI														
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										
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
81020	Sulfate	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
82057	Boron, total	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									C - No Discharge					
					Value NODI														
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

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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:2020-09-24 14:58 (Time Zone: -06:00)

Report Last Signed By

User:JPOULOS_5041

Name:John Poulos

E-Mail:jpoulos@archcoal.com

Date/Time:2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

009
External Outfall

Discharge:

009-AA
Subsoil Stockpile Runoff (MB-5)

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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. 16 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			7B - dS/m			
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00640	Nitrogen, inorganic total	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.										<=	652.0 DAILY MX	19 - mg/L			
					Value NODI											C - No Discharge				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample														
					Permit Req.										<=	3297.0 30DA AVG			
					Value NODI											C - No Discharge			
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon 30DA AVG		28 - ug/L	
					Value NODI											C - No Discharge			
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon 30DA AVG		28 - ug/L	
					Value NODI											C - No Discharge			
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample														
					Permit Req.												Req Mon DAILY MX	28 - ug/L	
					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	
					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	
					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	
					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	
					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	
					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	
					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	
					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	
					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	
					Value NODI												C - No Discharge		
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample														
					Permit Req.												Req Mon DAILY MX	28 - ug/L	
					Value NODI												C - No Discharge		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														
					Permit Req.	<=	0.23 30DA AVG		Req Mon DAILY MX	03 - MGD									
					Value NODI		C - No Discharge		C - No Discharge										
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample														
					Permit Req.											<=	0.5 INST MAX	19 - mg/L	
					Value NODI												C - No Discharge		
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon 30DA AVG		28 - ug/L	
					Value NODI											C - No Discharge			
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon 30DA AVG		19 - mg/L	
					Value NODI											C - No Discharge			
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon 30DA GM	Req Mon MX 7D GM	13 - #/100mL	
					Value NODI											C - No Discharge	C - No Discharge		
81020	Sulfate	1 - Effluent Gross	0	--	Sample														
					Permit Req.											Req Mon 30DA AVG		19 - mg/L	
					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 - 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:

2020-09-24 14:59 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

011
External Outfall

Discharge:

011-AA
Mine Water to Sylvester Gulch

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

[illegible]

82057	Boron, total	1 - Effluent Gross	0	--	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								01/07 - Weekly	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:

2020-09-24 15:00 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

012
External Outfall

Discharge:

012-AA
Mine Water to Minnesota Creek

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

[illegible]

51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Req.										Req Mon 30DA AVG			19 - mg/L	Month	GR - GRAB
					Value NODI										C - No Discharge					
51484	Number of Events	1 - Effluent Gross	0	--	Sample															
					Permit Req.						<	10.0 30DA AVG	<		3.0 7 DA AVG			5J - #	01/30 - Monthly	CA - CALCTD
					Value NODI							C - No Discharge			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					
81381	Duration of discharge	1 - Effluent Gross	0	--	Sample															
					Permit Req.									<	3.0 7 DA AVG			5A - d	01/07 - Weekly	CA - CALCTD
					Value NODI										C - No Discharge					
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 - abst=0;prst=1								01/07 - Weekly	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:

2020-09-24 15:10 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

012A
External Outfall

Discharge:

012A-W
Acute Monthly WET Testing for 012A

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-09-24 15:11 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

014
External Outfall

Discharge:

014-AA
Surface Runoff to Sylvester Gulch

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample														99/99 - Continuous	RC - Recorder (auto)
					Permit Req.										Req Mon MX WK AV		Req Mon DAILY MX			
					Value NODI										C - No Discharge		C - No Discharge			
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	IN - INSTAN
					Permit Req.	<=	0.03 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-09-24 15:13 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

015
External Outfall

Discharge:

015-AA
Surface Runoff to N. Fork of Gunnison River

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			7B - dS/m			
					Value NODI									C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio			
					Value NODI									C - No Discharge		C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			19 - mg/L			
					Value NODI									C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L			
					Value NODI									C - No Discharge						
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	3000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	3297.0 30DA AVG			28 - ug/L			

					Value NODI									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											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 DAILY MX	28 - ug/L	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	Req Mon DAILY MX				
					Value NODI									C - No Discharge	C - No Discharge				
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	77/77 - 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.	<=	0.04 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 - 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:2020-09-24 15:14 (Time Zone: -06:00)

Report Last Signed By

User:JPOULOS_5041

Name:John Poulos

E-Mail:jpoulos@archcoal.com

Date/Time:2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

017
External Outfall

Discharge:

017-AA
Mine Water & MWTF

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample														99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C			
					Value NODI									C - No Discharge		C - No Discharge				
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.							Req Mon 30DA AVG					7B - dS/m			
					Value NODI							C - No Discharge								
00400	pH	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		
					Value NODI										C - No Discharge		C - No Discharge			
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		
					Value NODI										C - No Discharge		C - No Discharge			
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		
					Value NODI										C - No Discharge		C - No Discharge			
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		
					Value NODI										C - No Discharge		C - No Discharge			
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		
					Value NODI										C - No Discharge		C - No Discharge			
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample														02/30 - Twice Per Month	CA - CALCTD
					Permit Req.										Req Mon 30DA AVG		Req Mon DAILY MX	1U - Ratio		
					Value NODI										C - No Discharge		C - No Discharge			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.										Req Mon 30DA AVG			19 - mg/L		
					Value NODI										C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - GRAB
					Permit Req.										<=	100.0 30DA AVG		28 - ug/L		
					Value NODI											C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.										<=	1000.0 30DA AVG	<=	6000.0 DAILY MX	28 - ug/L	

					Value NODI									C - No Discharge		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.									C - No Discharge					
					Value NODI														
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.									C - No Discharge					
					Value NODI														
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month
					Permit Req.											C - No Discharge		GR - GRAB	
					Value NODI														
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
					Permit Req.									C - No Discharge		C - No Discharge		GR - GRAB	
					Value NODI														
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
					Permit Req.									C - No Discharge		C - No Discharge		GR - GRAB	
					Value NODI														
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
					Permit Req.									C - No Discharge		C - No Discharge		GR - GRAB	
					Value NODI														
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		28 - ug/L			02/30 - Twice Per Month
					Permit Req.									C - No Discharge				GR - GRAB	
					Value NODI														
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month
					Permit Req.									C - No Discharge		C - No Discharge		GR - GRAB	
					Value NODI														
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month
					Permit Req.									C - No Discharge		C - No Discharge		GR - GRAB	
					Value NODI														
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month
					Permit Req.									C - No Discharge		C - No Discharge		GR - GRAB	
					Value NODI														
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month
					Permit Req.									C - No Discharge		C - No Discharge		GR - GRAB	
					Value NODI														
03582	Oil and grease	1 - Effluent Gross	0	--	Sample										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent
					Permit Req.											C - No Discharge		GR - GRAB	
					Value NODI														
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample											Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month
					Permit Req.											C - No Discharge		GR - GRAB	
					Value NODI														
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
					Value NODI		C - No Discharge		C - No Discharge									IN - INSTAN	
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		28 - ug/L			02/30 - Twice Per Month
					Permit Req.									C - No Discharge				GR - GRAB	
					Value NODI														
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		19 - mg/L			02/30 - Twice Per Month
					Permit Req.									C - No Discharge				GR - GRAB	
					Value NODI														
81020	Sulfate	1 - Effluent Gross	0	--	Sample									Req Mon 30DA AVG		19 - mg/L			02/30 - Twice Per Month
					Permit Req.									C - No Discharge				GR - GRAB	
					Value NODI														
82057	Boron, total	1 - Effluent Gross	0	--	Sample														
					Permit Req.								<=	2.59 30DA AVG		19 - mg/L			02/30 - Twice Per Month
					Value NODI									C - No Discharge				GR - GRAB	
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														
					Permit Req.					Req Mon INST MAX	AB - abst=0;prst=1								01/30 - Monthly
					Value NODI					C - No Discharge								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:2020-09-24 15:14 (Time Zone: -06:00)

Report Last Signed By

User:JPOULOS_5041

Name:John Poulos

E-Mail:jpoulos@archcoal.com

Date/Time:2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

017A
External Outfall

Discharge:

017A-W
Acute Monthly WET Testing for 017A

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-09-24 15:15 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

025
External Outfall

Discharge:

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

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:

2020-09-28 08:37 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

026
External Outfall

Discharge:

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

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:

2020-09-25 11:33 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

027
External Outfall

Discharge:

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

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.1			=	8.1	12 - SU	0	01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	1300.0	=	1300.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								>	40.0	>	40.0	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	410000.0	=	410000.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															

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:

2020-09-25 11:35 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

030
External Outfall

Discharge:

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

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:

2020-09-28 08:37 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

032
External Outfall

Discharge:

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

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.6			=	8.6	12 - SU	0	01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	2000.0	=	2000.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								=	6.5	=	6.5	25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	110000.0	=	110000.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															

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:

2020-09-25 11:35 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

033
Internal Outfall

Discharge:

033-A
Stormwater from Drainage Basin 43D and 43E

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:

3WELTBOYS

Name:

Kathleen Welt

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-09-25 11:36 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

034
External Outfall

Discharge:

034-A
Comingled Discharge of Outfall 033 and from Drainage Basin 43B and 43C to Sylvester Gulch

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.2			=	8.2	12 - SU	0	01/30 - Monthly	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	8500.0			28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG			28 - ug/L		01/30 - Monthly	GR - GRAB
					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:

2020-09-25 11:38 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

035
External Outfall

Discharge:

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

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:

2020-09-25 11:41 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

300
Influent Structure

Discharge:

300-I
Influent Measurements

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

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:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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:

2020-09-25 11:41 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

UST1
Receiving Water (Ambient)

Discharge:

UST1-A
Instream Monitoring

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	--	Sample								=	13.343	=	18.759	04 - deg C	0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		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:

2020-09-25 11:41 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

Permitted Feature:

UST2
Receiving Water (Ambient)

Discharge:

UST2-A
Instream Monitoring

Report Dates & Status

Monitoring Period:

From 08/01/20 to 08/31/20

DMR Due Date:

09/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	--	Sample								=	16.064	=	18.569	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Permit Req.									Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		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:

2020-09-25 11:42 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-09-28 09:13 (Time Zone: -06:00)