

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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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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:

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

					Value NODI	C - No Discharge				
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI			Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
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 - Continual 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 VI - INSTANT
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 03 - MGD C - No Discharge			01/30 - Monthly VI - VISUAL

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwelt@archcoal.com
Date/Time: 2020-10-27 08:51 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Someset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	005 External Outfall	Discharge:	005-Q Quarterly Monitoring for 005A		

Report Dates & Status

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading		Quality or Concentration			# of Ex. Frequency of Analysis		Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
70295	Solids, total dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI			Req Mon QTR AVG	Req Mon DAILY MX	15 - mg/L	01/90 - Quarterly	GR - GRAB
								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:	2020-10-27 08:51 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (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:	005 External Outfall	Discharge:	005-W Acute WET Testing for 005A		

Report Dates & Status

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

SEE I.D.1, PP. 32-35, FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Principal Executive Officer

First Name:	Title:	Telephone:
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Last Name:

No Data Indicator (NODI)

Form NODI:

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MN VALUE	23 - %	01/90 - Quarterly	GR - GRAB	
									C - No Discharge				
TAN6C	LC50 Statre 96Hr Acute Pimephales	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MN VALUE	23 - %	01/90 - Quarterly	GR - GRAB	
									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:	2020-10-27 08:52 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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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:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Units				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	0.22		0.22	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	0.45		0.45	26 - lb/d		<	8.2	<	19.2	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						<	0.05	<	0.05	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	0.0066		0.0118	03 - MGD							99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.	0.02 30DA AVG		Req Mon DAILY MX	03 - MGD							99/99 - Continuous	RC - Recorder (auto)	
					Value NODI													
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													

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwell@archcoal.com
Date/Time:	2020-10-27 08:52 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (Time Zone: -06:00)

DMR Copy of Record

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

Report Dates & Status				Status:	NotDMR Validated
Monitoring Period:	From 09/01/20 to 09/30/20	DMR Due Date:	10/28/20		

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

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

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		7B - rS/m	02/30 - Twice Per Month	GR - GRAB	
00100	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					>>	6.5 MINIMUM C - No Discharge			<<	9.0 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								35.0 30DA AVG C - No Discharge		70.0 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			19 - mg/L	02/30 - Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								3000.0 30DA AVG C - No Discharge	<<	6000.0 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								3297.0 30DA AVG	<<		28 - ug/L	02/30 - Twice Per Month	GR - GRAB

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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 Well
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:36 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

Permit		Permittee		Facility																																							
Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE																																						
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Parameter	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Quality or Concentration	# of Ex.	Frequency of Analysis	Sample Type																																			
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Mountain Coal Co LLC																																											
User:		3WELTBOYS																																									
Name:		Kalhleen Welt																																									
E-Mail:		kwell@archcoal.com																																									
Date/Time:		2020-10-27 09:42 (Time Zone: -06:00)																																									
Report Last Signed By																																											
User:		JPOULOS_5041																																									
Name:		John Poulos																																									
E-Mail:		jpoulos@archcoal.com																																									
Date/Time:		2020-10-27 10:11 (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-W Acute WET Testing for 008A		

Report Dates & Status

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

SEE I.D.1, PP. 32-35, FOR DETAILS OF TEST PROCEDURE, REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param.	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0			Sample Permit Req. Value NODI				Req Mon MN VALUE		23 - %	01/90 - Quarterly	GR - GRAB
										C - No Discharge				
TAN6C	LC50 Statre 96Hr Acute Pimephales	1 - Effluent Gross	0			Sample Permit Req. Value NODI				Req Mon MN VALUE		23 - %	01/90 - Quarterly	GR - GRAB
										C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwell@archcoal.com
Date/Time:	2020-10-27 09:42 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (Time Zone: -06:00)

DMR Copy of Record

Permit		Permittee:		Facility:															
Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE														
Major:	No	Permittee Address:	5174 Hwy 133 Somersel, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434														
Permitted Feature:		Discharge:																	
009 External Outfall		009-AA Subsoil Stockpile Runoff (MB-5)																	
Report Dates & Status																			
Monitoring Period:		DMR Due Date:		Status:															
From 09/01/20 to 09/30/20		10/26/20		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:		Title:		Telephone:															
Last Name:																			
No Data Indicator (NODI)																			
Form NODI:																			
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge				7B - dS/m	02/30 - Twice Per Month	GR - GRAB	
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					>=	6.5 MINIMUM C - No Discharge			<=	9.0 MAXIMUM C - No Discharge	12 - SU	01/30 - Monthly	GR - GRAB	
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	35.0 30DA AVG C - No Discharge	<=	70.0 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - GRAB	
00640	Nitrogen, Inorganic total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									<=	652.0 DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		1U - Ratio	02/30 - Twice Per Month	CA - CALC TD	
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge		1U - Ratio	02/30 - Twice Per Month	CA - CALC TD	
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge				19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon 30DA AVG C - No Discharge				28 - ug/L	02/30 - Twice Per Month	GR - GRAB	
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	3000.0 30DA AVG C - No Discharge	<=	6000.0 DAILY MX C - No Discharge	28 - ug/L	01/30 - Monthly	GR - GRAB	

01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	3297.0 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L 02/30 - Twice Per Month GR - GRAB
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	0.23 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	03 - MGD 01/30 - Monthly IN - INSTAN
50060	Chlorine, total residual	1 - Effluent Gross	0	Sample Permit Req. Value NODI	0.5 INST MAX C - No Discharge	19 - mg/L	01/30 - Monthly GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
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
74055	Coliform, fecal general	1 - Effluent Gross	0	Sample Permit Req. Value NODI	Req Mon 30DA GM C - No Discharge	Req Mon MX 7D GM C - No Discharge	13 - #/100mL 01/30 - Monthly 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
94066	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: 2020-10-27 09:13 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-10-27 10:11 (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:	009 External Outfall	Discharge:	009-Q Quarterly Monitoring for 009A		

Report Dates & Status

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI:

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type				
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
70295	Solids, total dissolved	1 - Effluent Gross	0	Sample Permit Req. Value NODI						Req Mon QTRTR AVG		Req Mon DAILY MX		19 - mg/L		01/90 - Quarterly	GR - GRAB
										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:	kwell@archcoal.com
Date/Time:	2020-10-27 09:43 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 009
External Outfall
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
Discharge: 009-W
Acute WET Testing for 009A

Report Dates & Status

Monitoring Period: From 07/01/20 to 09/30/20
DMR Due Date: 10/28/20
Status: NetDMR Validated

Considerations for Form Completion

SEE I.D.1, PP. 32-35, FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param.	NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Value 4			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0			Sample Permit Req. Value NODI					100.0 MN VALUE		23 - %	01/90 - Quarterly	GR - GRAB
											C - No Discharge				
TAN6C	LC50 Static 96Hr Acute Pimephales	1 - Effluent Gross	0			Sample Permit Req. Value NODI					100.0 MN VALUE		23 - %	01/90 - Quarterly	GR - GRAB
											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: 2020-10-27 09:43 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

DMR Copy of Record

Permit		Permittee:		Facility:																
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:		Discharge:																		
011 External Outfall		011-AA Mine Water to Sylvester Gulch																		
Report Dates & Status																				
Monitoring Period:		DMR Due Date:		Status:																
From 09/01/20 to 09/30/20		10/28/20		NetDMR Validated																
Considerations for Form Completion																				
TSS AND TOTAL RECOVERABLE LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 14 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.																				
Principal Executive Officer																				
First Name:		Title:		Telephone:																
Last Name:																				
No Data Indicator (NODI)																				
Form NODI: --																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value NODI	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon MX WK AV C - No Discharge	Req Mon DAILY MX C - No Discharge	04 - deg C	99/99	- Continuous	RC - Recorder (auto)
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge		79 - dS/m	02/30	- Twice Per Month	GR - GRAB
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						6.5 MINIMUM C - No Discharge				9.0 MAXIMUM C - No Discharge		12 - SU	01/07	- Weekly	GR - GRAB
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30	- Twice Per Month	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										35.0 30DA AVG C - No Discharge	70.0 DAILY MX C - No Discharge	19 - mg/L	01/30	- Monthly	GR - GRAB
00916	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30	- Twice Per Month	GR - GRAB
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30	- Twice Per Month	GR - GRAB
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30	- Twice Per Month	GR - GRAB
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30	- Twice Per Month	CA - CALC'D
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	1U - Ratio	02/30	- Twice Per Month	CA - CALC'D
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge		19 - mg/L	02/30	- Twice Per Month	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30	- Twice Per Month	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI										1000.0 30DA AVG C - No Discharge	6000.0 DAILY MX C - No Discharge	28 - ug/L	01/30	- Monthly	GR - GRAB

[illegible]

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-Q Quarterly Monitoring for 011A		

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
Considerations for Form Completion					

Principal Executive Officer

Title:

Telephone:

Form NODI:

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

No errors.

NO DISCHARGE

No attachments

Mountain Coal Co LLC

Name: Kathleen Welt

Date/Time: 2020-10-27 09:44 (Time Zone: -06:00)

User: JPOULOS_5041

E-Mail: jpoulos@archcoal.com

Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

Permit					
Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somersal, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	012 External Outfall	Djcharge:	012-AA Mine Water to Minnesola Creek		
Report Dates & Status					
Monitoring Period:	From 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	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:					

Code	Parameter Name	Monitoring Location	Session #	Param. NODD	Quantity or Loading					Quality or Concentration						Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0	00	Sample Permit Req.								Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C		99/99 - Continuous	RC - Recorder (auto)
					Value NODD								C - No Discharge		C - No Discharge				
00400	pH	1 - Effluent Gross	0	00	Sample Permit Req.				6.5 MINIMUM						9.0 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODD				C - No Discharge						C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	00	Sample Permit Req.							35.0 30DA AVG			70.0 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODD							C - No Discharge			C - No Discharge				
00940	Chloride [as Cl]	1 - Effluent Gross	0	00	Sample Permit Req.							Req Mon 30DA AVG				19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODD							C - No Discharge							
00978	Arsenic, total recoverable	1 - Effluent Gross	0	00	Sample Permit Req.							Req Mon 30DA AVG				28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODD							C - No Discharge							
00980	Iron, total recoverable	1 - Effluent Gross	0	00	Sample Permit Req.							3500.0 30DA AVG			7000.0 DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODD							C - No Discharge			C - No Discharge				
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	00	Sample Permit Req.							Req Mon 30DA AVG				28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODD							C - No Discharge							
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	00	Sample Permit Req.							Req Mon 30DA AVG				28 - ug/L		02/30 - Twice Per Month	GR - GRAB
					Value NODD							C - No Discharge							
01074	Nickel, total recoverable	1 - Effluent Gross	0	00	Sample Permit Req.							Req Mon 30DA AVG				28 - ug/L		02/30 - Twice Per Month	GR - GRAB

[illegible]

51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Req. Value NODI		Req Mon 30DA AVG C - No Discharge	19 - mg/L	Month	GR - GRAB
51484	Number of Events	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	10 0 30DA AVG C - No Discharge	3 0 7 DA AVG C - No Discharge	5J - #	01/30 - Monthly	CA - CALCTD
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
81381	Duration of discharge	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		3 0 7 DA AVG C - No Discharge	5A - d	01/07 - Weekly	CA - CALCTD
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 - obs1=0 prsl=1 C - No Discharge			01/07 - Weekly	VI - VISUAL

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:44 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (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 Somerse, CO 81434	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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI:

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

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwell@archcoal.com
Date/Time:	2020-10-27 09:45 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:
Major:

CO0038776
No

Permittee:
Permittee Address:

Mountain Coal Co LLC
5174 Hwy 133
Somerset, CO 81434

Facility:
Facility Location:

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

Permitted Feature:

012
External Outfall

Discharge:

012-Q
Quarterly Monitoring for 012A

Report Dates & Status

Monitoring Period:

From 07/01/20 to 09/30/20

DMR Due Date:

10/26/20

Status:

NetDMR Validated

Considerations for Form Completion

Quarterly monitoring - see Appendix B, #35, pg 64.

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			
70295	Solids, total dissolved	1 - Effluent Gross	0		Req Mon QTRTR AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	10 - mg/L 01/00 - Quarterly GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

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

3WELTBOYS
Kathleen Welt
kwelt@archcoal.com
2020-10-27 09:44 (Time Zone: -06:00)

Report Last Signed By

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

JPOULOS_5041
John Poulos
jpoulos@archcoal.com
2020-10-27 10:11 (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-W Acute WET Testing for 012A		

Report Dates & Status

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

SEE I.D.1, PP. 32.PG 32-34 FOR DETAILS OS PROCEDURE, REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: -

Parameter		Monitoring Location	Season	# Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					100.0 MN VALUE		23 - %	01/90 - Quarterly	G3 - GRAB-3
C - No Discharge														
TAN6C	LC50 Statre 96Hr Acute Pimophales	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					100.0 MN VALUE		23 - %	01/90 - Quarterly	G3 - GRAB-3
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:	2020-10-27 09:45 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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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:

Form NODI					Form NODI														# of Ex.		Frequency of Analysis	Sample Type
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Units	Quality or Concentration												
					Qualifier 1	Value 1	Qualifier 2	Value 2		Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units						
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon MX Wk AV C - No Discharge		Req Mon DAILY MX C - No Discharge		04 - deg C	99/99 - Continuous	RC - Recorder (auto)				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					>=	6.5 MINIMUM C - No Discharge			<=	9.0 MAXIMUM C - No Discharge		12 - SU	01/30 - Monthly	GR - GRAB			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	35.0 30DA AVG C - No Discharge		<=	70.0 DAILY MX C - No Discharge		19 - mg/L	01/30 - Monthly	GR - GRAB		
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							<=	3500.0 30DA AVG C - No Discharge		<=	7000.0 DAILY MX C - No Discharge		28 - ug/L	01/30 - Monthly	GR - GRAB		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	0.03 30DA AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	03 - MGD								01/30 - Monthly	IN - INSTANT			

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:45 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Mountain Coal Co LLC		WEST ELK MINE	
Major:	No	Permittee Address:		Facility Location:	
		5174 Hwy 133 Somerset, CO 81434		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature:		Discharge:			
014 External Outfall		014-Q Quarterly Monitoring for 014A			
Report Dates & Status					
Monitoring Period:		DMR Due Date:		Status:	
From 07/01/20 to 09/30/20		10/28/20		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		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
00940	Chloride [as Cl]	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		19 - mg/L	01/90 - Quarterly	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly	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	01/90 - Quarterly	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	01/90 - Quarterly	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	01/90 - Quarterly	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	01/90 - Quarterly	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	01/90 - Quarterly	GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge		28 - ug/L	01/90 - Quarterly	GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	01/90 - Quarterly	GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	01/90 - Quarterly	GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI						Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	01/90 - Quarterly	GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	---	Sample Permit Req.						Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB

					Value NOD	C - No Discharge	C - No Discharge		
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NOD		Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly GR - GRAB
							C - No Discharge		
50286	Mercury, total [low level]	1 - Effluent Gross	0		Sample Permit Req. Value NOD	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly GR - GRAB
						C - No Discharge			
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0		Sample Permit Req. Value NOD	Req Mon 30DA AVG		19 - mg/L	01/90 - Quarterly GR - GRAB
						C - No Discharge			
81020	Sulfate	1 - Effluent Gross	0		Sample Permit Req. Value NOD	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly GR - GRAB
						C - No Discharge			
82057	Boron, total	1 - Effluent Gross	0		Sample Permit Req. Value NOD	Req Mon 30DA AVG		19 - mg/L	01/90 - Quarterly GR - GRAB
						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: 2020-10-27 09:46 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

Permit	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Permit #:		Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Major:	No	Discharge:	015-AA Surface Runoff to N. Fork of Gunnison River		
Permitted Feature:	015 External Outfall				
Report Dates & Status					
Monitoring Period:	From 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
Considerations for Forin Completion					
TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR.24HR PRECIP EVENTS -SEE PG, 23 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.1.a. REPORT CALCULATED SAR AT MLOC=EG; ADJUSTED SAR AT MLOC=P.					
Principal Executive Officer					
First Name:		Title:		Telephone:	
Last Name:					
No Data Indicator (NODI)					
Form NODI:	--				

Code	Parameter	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			
00094	Conductivity	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI									Req Mon 30DA AVG C - No Discharge		78 - dS/m	02/30 - Twice Per Month GR - GRAB	
00400	pH	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI						>=	6.5 MINIMUM C - No Discharge	<=	9.0 MAXIMUM C - No Discharge		12 - SU	01/30 - Monthly GR - GRAB	
00440	Bicarbonate ion- [as HCO3]	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge		19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00530	Solids, total suspended	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI							<=	35.0 30DA AVG C - No Discharge	<=	70.0 DAILY MX C - No Discharge		19 - mg/L	01/30 - Monthly GR - GRAB
00918	Calcium, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge		19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00921	Magnesium, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge		19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00923	Sodium, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge		19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00931	Sodium adsorption ratio	EG - Effluent Gross	0	---	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge		1U - Ratio	02/30 - Twice Per Month CA - CALCTD	
00931	Sodium adsorption ratio	P - See Comments	0	---	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge		1U - Ratio	02/30 - Twice Per Month CA - CALCTD	
00940	Chloride [as Cl]	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			19 - mg/L	02/30 - Twice Per Month GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI								Req Mon 30DA AVG C - No Discharge			28 - ug/L	02/30 - Twice Per Month GR - GRAB	
00980	Iron, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI							<=	3000.0 30DA AVG C - No Discharge	<=	6000.0 DAILY MX C - No Discharge		28 - ug/L	01/30 - Monthly GR - GRAB
01046	Iron, dissolved [as Fe]	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI							<=	3297.0 30DA AVG C - No Discharge			24 - ug/L	02/30 - Twice Per Month GR - GRAB	

[illegible]

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kaihleen Well
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:47 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	015 External Outfall	Discharge:	015-Q Quarterly Monitoring for 015A		
Report Dates & Status			Status:		
Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	NetDMR Validated	
Considerations for Form Completion					
Quarterly monitoring - see Appendix B, #35, pg 64.					
Principal Executive Officer					
First Name:		Title:			
Last Name:		Telephone:			
No Data Indicator (NODI)					
Form NODI:	-				

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3	Units			
70295	Solids, total dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI				Req Mon QTRTR AVG		Req Mon DAILY MX	19 - mg/L	01/90 - Quarterly	GR - GRAB
									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: Kahllean Welt
 E-Mail: kwelt@archcoal.com
 Date/Time: 2020-10-27 10:47 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 015
External Outfall

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

Discharge: 015-W
Acute WET Testing for 011A

Report Dates & Status

Monitoring Period: From 07/01/20 to 09/30/20
DMR Due Date: 10/28/20
Status: NetDMR Validated

Considerations for Form Completion

SEE I.D.1, PP. 32-34, FOR DETAILS OF TEST PROCEDURE, REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

Principal Executive Officer

First Name:
Last Name:
No Data Indicator (NODI)
Form NODI:

Title:
Telephone:

Form NODI:																
Parameter		Monitoring Location	Session #	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			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0		Sample Permit Req. Value NODI								Req Mon MN VALUE	23 - %	01/80 - Quarterly	GR - GRAB
													C - No Discharge			
TAN6C	LC50 Statre 96Hr Acute Pimephales	1 - Effluent Gross	0		Sample Permit Req. Value NODI								Req Mon MN VALUE	23 - %	01/80 - Quarterly	GR - GRAB
													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 Well
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:48 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

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

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI:

Code	Parameter	Monitoring Location	Season	# Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading			Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2
00010	Temperature, water deg, centigrade	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							Req Mon MX WK AV		Req Mon DAILY MX	04 - deg C	9/30/20 - Continuous	RC - Recorder (auto)
												C - No Discharge		C - No Discharge			
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG				7B - dS/m	02/30 - Twice Per Month	GR - GRAB
											C - No Discharge						
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				--		6.5 MINIMUM		--	9.0 MAXIMUM	12 - SU	01/07 - Weekly	GR - GRAB
											C - No Discharge			C - No Discharge			
00440	Bicarbonate Ion- [as HCO3]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
											C - No Discharge			C - No Discharge			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						--	35.0 30DA AVG	--	70.0 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
												C - No Discharge		C - No Discharge			
00918	Calcium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG			Req Mon DAILY M/X	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
											C - No Discharge			C - No Discharge			
00921	Magnesium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
											C - No Discharge			C - No Discharge			
00923	Sodium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG			Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
											C - No Discharge			C - No Discharge			
00931	Sodium adsorption ratio	EG - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG			Req Mon DAILY MX	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
											C - No Discharge			C - No Discharge			
00931	Sodium adsorption ratio	P - See Comments	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG			Req Mon DAILY MX	1U - Ratio	02/30 - Twice Per Month	CA - CALCTD
											C - No Discharge			C - No Discharge			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						Req Mon 30DA AVG				19 - mg/L	02/30 - Twice Per Month	GR - GRAB
											C - No Discharge						
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						--	100.0 30DA AVG			28 - ug/L	02/30 - Twice Per Month	GR - GRAB
												C - No Discharge					
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						--	1000.0 30DA AVG	--	6000.0 DAILY M/X	28 - ug/L	01/30 - Monthly	GR - GRAB

					Value NODI	C - No Discharge		C - No Discharge	
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
01074	Nickel, total recoverable	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB	
01114	Lead, total recoverable	1 - Effluent Gross	0		Sample Permit Req Value NODI		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge		28 - ug/L	02/30 - Twice Per Month GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req Value NODI	Req Mon 30DA AVG C - No Discharge	Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
03582	Oil and grease	1 - Effluent Gross	0		Sample Permit Req Value NODI		10.0 INST MAX C - No Discharge	19 - mg/L	7/1/77 - Contingent GR - GRAB
04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0		Sample Permit Req Value NODI		Req Mon DAILY MX C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Sample Permit Req Value NODI	0.29 30DA AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge		01/30 - Monthly IN - INSTAN
50286	Mercury, total [low level]	1 - Effluent Gross	0		Sample Permit Req Value NODI		Req Mon 30DA AVG C - No Discharge	28 - ug/L	02/30 - Twice Per Month GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0		Sample Permit Req Value NODI		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
81020	Sulfate	1 - Effluent Gross	0		Sample Permit Req Value NODI		Req Mon 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
82057	Boron, total	1 - Effluent Gross	0		Sample Permit Req Value NODI		2.59 30DA AVG C - No Discharge	19 - mg/L	02/30 - Twice Per Month GR - GRAB
84066	Oil and grease visual	1 - Effluent Gross	0		Sample Permit Req Value NODI		Req Mon INST MAX AB - abs=0;prst=1 C - No Discharge		01/30 - Monthly VI - VISUAL

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

[Edit Check Errors](#)

No errors.

[Comments](#)

NO DISCHARGE

[Attachments](#)

No attachments.

[Report Last Saved By](#)

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Well
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-10-27 09:48 (Time Zone: -06:00)

[Report Last Signed By](#)

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (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:	017A External Outfall	Discharge:	017A-W Acute Monthly WET Testing for 017A		

Report Dates & Status

Monitoring Period:	From 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI:

PARAMETER					Monitoring Location		Season #	Param. NODI	Quantity or Loading				Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
Code	Parameter Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
51484	Number of Events	1 - Effluent Gross	0	--	Sample Permit Req.								10.0	30DA AVG	<	3.0	7 DA AVG	5J - #
					Value NODI								C - No Discharge			C - No Discharge		
81381	Duration of discharge	1 - Effluent Gross	0	--	Sample Permit Req.											3.0	7 DA AVG	5A - d
					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:	2020-10-27 09:48 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (Time Zone: -06:00)

Permit		Facility:	WEST ELK MINE
Permit #:	CO0038776	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Major:	No		
Permitted Feature:	017 External Outfall	Discharge:	017-Q Quarterly Monitoring for 017A
		Permittee:	Mountain Coal Co LLC
		Permittee Address:	5174 Hwy 133 Somerset, CO 81434

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Quarterly monitoring - see Appendix B, #35, pg 64.

First Name:	Title:	Telephone:
Last Name:		

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	Unit 1	Qualifier 1 Value 1	Qualifier 2 Value 1	Value 2	Qualifier 3	Value 3	Units		
70295	Solids, total dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI						Req Mon QTRT AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	10 - mg/L	01/00 - Quarterly	GR - GRAB

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

No errors.

NO DISCHARGE

No attachments.

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Welt
E-Mail:	kwelt@archcoal.com
Date/Time:	2020-10-27 09:48 (Time Zone: -06:00)

```
User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)
```

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 017
External Outfall

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

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

Discharge: 017-W
Acute WET Testing for 017A

Report Dates & Status

Monitoring Period: From 07/01/20 to 09/30/20
DMR Due Date: 10/28/20
Status: NetDMR Validated

Considerations for Form Completion

SEE I.D.1, PP. 32-34, FOR DETAILS OF TEST PROCEDURE. REPORT LC50 - STATISTICAL POINT ESTIMATE WHICH IS LETHAL TO 50% OF TEST ORGANISMS, AND ATTACH ACUTE TOXICITY TEST REPORT FORM TO DMR.

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			
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						100.0 MN VALUE	23 - %	01/90 - Quarterly	G3 - GRAB-3
											C - No Discharge			
TAN6C	LC50 Static 96Hr Acute Pimephales	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						100.0 MN VALUE	23 - %	01/90 - Quarterly	G3 - GRAB-3
											C - No Discharge			

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:48 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season	# Param.	NODI	Quantity or Loading				Quantity 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					6.6	12 - SU
					Permit Req.												
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample											4400.0	19 - mg/L
					Permit Req.												
					Value NODI												
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample											23.0	25 - mL/L
					Permit Req.												
					Value NODI												
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample											85000.0	28 - ug/L
					Permit Req.												
					Value NODI												

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Well
E-Mail:	kwell@archcoal.com
Date/Time:	2020-10-27 09:49 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (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-Q Quarterly Monitoring for 025A		

Report Dates & Status

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value	Qualifier 2 Value	Qualifier 3 Value	Qualifier 4 Value	Qualifier 1 Value	Qualifier 2 Value	Qualifier 3 Value	Qualifier 4 Value			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		390.0	Req Mon 30DA AVG			19 - mg/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		19 - mg/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		30.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		12.0	Req Mon 30DA AVG			28 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		28 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		170.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		170.0	Req Mon DAILY MX			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon DAILY MX			0	01/90 - Quarterly	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		110.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		270.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		32.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		20.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		30.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		5200.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		38.0	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample	Permit Req.	Value NODI		1.4	Req Mon 30DA AVG			26 - ug/L	01/90 - Quarterly	GR - GRAB
					Sample	Permit Req.	Value NODI		26 - ug/L	Req Mon 30DA AVG			0	01/90 - Quarterly	GR - GRAB

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	110.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	0.32 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<	0.05 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	71.0 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	=	1.7 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
 Name: Kathleen Well
 E-Mail: kwell@archcoal.com
 Date/Time: 2020-10-27 09:50 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-10-27 10:11 (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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Session	# Param, NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type		
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	
00400	pH	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI					8.5					8.5	12 - SU	01/30 - Monthly
																	01/30 - Monthly
											Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU	0
00530	Solids, total suspended	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI										4100.0	19 - mg/L	01/30 - Monthly
											Req Mon 30DA AVG				Req Mon DAILY MX	19 - mg/L	0
00545	Solids, settleable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI										0.7	25 - mL/L	01/30 - Monthly
																	01/30 - Monthly
											Req Mon 30DA AVG				Req Mon DAILY MX	25 - mL/L	0
00980	Iron, total recoverable	1 - Effluent Gross	0	---	Sample Permit Req. Value NODI										18000.0	28 - ug/L	01/30 - Monthly
																	01/30 - Monthly
											Req Mon 30DA AVG				Req Mon DAILY MX	28 - ug/L	0

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:	3WELTBOYS
Name:	Kathleen Well
E-Mail:	kwell@archcoal.com
Date/Time:	2020-10-27 09:50 (Time Zone: -06:00)

Report Last Signed By

User:	JPOULOS_5041
Name:	John Poulos
E-Mail:	jpoulos@archcoal.com
Date/Time:	2020-10-27 10:11 (Time Zone: -06:00)

Permit		Permittee:		Facility:	
Permit #:	CO0038776	Mountain Coal Co LLC		WEST ELK MINE	
Major:	No	Permittee Address:		Facility Location:	
		5174 Hwy 133 Somerset, CO 81434		HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature:		Discharge:			
	026 External Outfall	026-Q Quarterly Monitoring for 026A			
Report Dates & Status					
Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:		Status:	
		10/28/20		NetDMR Validated	
Considerations for Farm Completion					

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

Code	Parameter Name	Monitoring Location	Season	# Param.	NOD1	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1			

00940	Chloride [as Cl]	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	440.0 Req Mon 30DA AVG	19 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	32.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	22.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	280.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	320.0 Req Mon DAILY MX	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	170.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	3.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	1.1 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	20.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	1.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	17.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	2.0 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	—	Sample Permit Req. Value NODI	1.1 Req Mon 30DA AVG	28 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI	170.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0		Sample Permit Req. Value NODI	< 0.2 Req Mon 30DA AVG	28 - ug/L 26 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0		Sample Permit Req. Value NODI	< 0.05 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0		Sample Permit Req. Value NODI	= 88.0 Req Mon 30DA AVG	10 - mg/L 10 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0		Sample Permit Req. Value NODI	= 2.0 Req Mon 30DA AVG	10 - mg/L 10 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
 Name: Kathleen Welt
 E-Mail: kwell@archcoal.com
 Date/Time: 2020-10-27 09:51 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

Permit		Permittee: Mountain Coal Co LLC		Facility: WEST ELK MINE	
Permit #:	CO0038776	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Major:	No	Discharge:	027-A Stormwater from Drainage Basin 49A2 to Sylvester Gulch		
Permitted Feature:	027 External Outfall				
Report Dates & Status					
Monitoring Period:	From 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
Considerations for Form Completion					

First Name:	Title:	Telephone:
Last Name:		

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 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		8.6		Req Mon MINIMUM		8.6		Req Mon MAXIMUM	12 - SU	01/30 - Monthly	GR - GRAB
														12 - SU	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				3300.0		3300.0		19 - mg/L	0	01/30 - Monthly	GR - GRAB
									Req Mon 30DA AVG		Req Mon DAILY MX		19 - mg/L	0	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				14.0		14.0		25 - mL/L	0	01/30 - Monthly	GR - GRAB
									Req Mon 30DA AVG		Req Mon DAILY MX		25 - mL/L	0	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				12000.0		12000.0		28 - ug/L	0	01/30 - Monthly	GR - GRAB
									Req Mon 30DA AVG		Req Mon DAILY MX		28 - ug/L	0	01/30 - Monthly	GR - GRAB

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

No errors.

Attachments

No attachments

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:51 (Time Zone: -06:00)

```
User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)
```

Permit		Permittee:		Facility:	
Permit #:	CO0038776		Mountain Coal Co LLC		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:		Discharge:			
	027 External Outfall		027-Q Quarterly Monitoring for 027A		
Report Dates & Status					
Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
Considerations for Farm Completion					

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

Form NODI:																			
Parameter		Monitoring Location	Season	#	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type			
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3	Value 3
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*		330.0		Req Mon 30DA AVG		19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*		37.0		Req Mon 30DA AVG		26 - ug/L 26 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*		16.0		Req Mon 30DA AVG		28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*		220.0		Req Mon 30DA AVG		28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*			240.0		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*		130.0		Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<		10.0		Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*		0.92		Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<		20.0		Req Mon 30DA AVG			28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<		1.0		Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*		15.0		Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<		2.0		Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				*		1.8		Req Mon 30DA AVG		Req Mon DAILY MX	26 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	130.0 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.36 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.05 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	76.0 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	1.3 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Well
E-Mail: kwelt@archcoal.com
Date/Time: 2020-10-27 09:53 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
Considerations for Form Completion					

Principal Executive Officer

First Name:	Title:	Telephone:
Last Name:		

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quantity or Concentration				Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2				
00400	pH	1 - Effluent Gross	0	--	Sample				8.5				12 - SU	0	01/30 - Monthly	GR - GRAB
					Permit Req				Req Mon MINIMUM				Req Mon MAXIMUM		01/30 - Monthly	GR - GRAB
					Value NODI											
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req								Req Mon DAILY MX		01/30 - Monthly	GR - GRAB
					Value NODI								19 - mg/L			
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								25 - mL/L	0	01/30 - Monthly	GR - GRAB
					Permit Req								Req Mon DAILY MX		01/30 - Monthly	GR - GRAB
					Value NODI								25 - mL/L			
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req								Req Mon DAILY MX		01/30 - Monthly	GR - GRAB
					Value NODI								28 - ug/L			

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: 2020-10-27 09:54 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-10-27 10:11 (Time Zone: -06:00)

DMR Copy of Record

Permit		Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Permit #:	CO0038776	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Major:	No	Discharge:	030-Q Quarterly Monitoring for 030A		
Permitted Feature:	030 External Outfall				

Report Dates & Status		DMR Due Date:	10/28/20	Status:	NetDMR Validated
Monitoring Period:	From 07/01/20 to 09/30/20				
Considerations for Form Completion					

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

Form NODI:																		
Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading			Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type			
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1				Qualifier 2	Value 2	Qualifier 3
00940	Chloride [as Cl]	1 - Effluent Gross	0		Sample Permit Req. Value NODI						=	290.0	Req Mon 30DA AVG		19 - mg/L	01/90 - Quarterly	GR - GRAB	
															19 - mg/L	01/90 - Quarterly	GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	8.3	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	21.0	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01074	Nickel, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	29.0	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01114	Lead, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI						=			31.0	Req Mon DAILY MX	28 - ug/L	01/90 - Quarterly	GR - GRAB
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01118	Chromium, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	20.0	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01303	Zinc, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	75.0	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01306	Copper, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	12.0	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	20.0	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01318	Lead, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	16.0	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01319	Manganese, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	710.0	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01322	Nickel, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	8.4	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	
01323	Selenium, potentially dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI						*	1.3	Req Mon 30DA AVG		28 - ug/L	01/90 - Quarterly	GR - GRAB	
															28 - ug/L	01/90 - Quarterly	GR - GRAB	

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	20.0 Req Mon DAILY MX	26 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.06 Req Mon 30DA AVG	26 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.05 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	32.0 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	0.87 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
 Name: Kathleen Well
 E-Mail: kwell@archcoal.com
 Date/Time: 2020-10-27 09:55 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-10-27 10:11 (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 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
Considerations for Form Completion					

Principal Executive Officer

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

Form NODI:

Code	Parameter	Monitoring Location	Season	# Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type	
	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units					
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		8 2	Value 1	Qualifier 2	Value 2	Qualifier 3	8 2	Value 3	12 - SU	01/30 - Monthly	GR - GRAB
							Req Mon MINIMUM					Req Mon MAXIMUM	12 - SU	0	01/30 - Monthly	GR - GRAB
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					990 0		990 0	10 - mg/L	0	01/30 - Monthly	GR - GRAB
										Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					1 3		1 3	25 - mL/L	0	01/30 - Monthly	GR - GRAB
										Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L	0	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI					9200 0		9200 0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
										Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB

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: 2020-10-27 09:56 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No

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

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

Permitted Feature: 032
External Outfall

Discharge: 032-Q
Quarterly Monitoring for 032A

Report Dates & Status

Monitoring Period: From 07/01/20 to 09/30/20

DMR Due Date: 10/28/20

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Telephone:

Last Name:

No Data Indicator (NODI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season	# Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading				Quality or Concentration				Units	# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									19 - mg/L	0	01/90 - Quarterly	GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Sample Permit Req. Value NODI									28 - ug/L	0	01/90 - Quarterly	GR - GRAB

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	41.0 Req Mon DAILY MX	26 - ug/L 28 - ug/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	0.12 Req Mon 30DA AVG	25 - ug/L 28 - ug/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	0.05 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	15.0 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	--	Sample Permit Req. Value NOD	0.43 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

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: 2020-10-27 09:57 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

DMR Copy of Record

Permit	Permit #: CO0038776	Permittee: Mountain Coal Co LLC	Facility: WEST ELK MINE
Major: No	Permittee Address: 5174 Hwy 133 Somerset, CO 81434	Facility Location: HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434	
Permitted Feature: 033 Internal Outfall	Discharge: 033-A Stormwater from Drainage Basin 43D and 43E		
Report Dates & Status			
Monitoring Period: From 09/01/20 to 09/30/20	DMR Due Date: 10/28/20	Status: NetDMR Validated	
Considerations for Form Completion			

Principal Executive Officer

First Name:	Title:	Telephone:
Last Name:		

No Data Indicator (NODI)

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

Submission Note

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

Edit Check Errors

No errors.

Comments

NO DISCHARGE

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:58 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 034
External Outfall

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

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

Report Dates & Status

Monitoring Period: From 09/01/20 to 09/30/20
DMR Due Date: 10/28/20
Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00400	pH	1 - Effluent Gross	0	--						8.4						12 - SU	01/30 - Monthly	GR - GRAB
										Req Mon MINIMUM						12 - SU	01/30 - Monthly	GR - GRAB
00980	Iron, total recoverable	1 - Effluent Gross	0	--							3300.0					28 - ug/L	01/30 - Monthly	GR - GRAB
											Req Mon 30DA AVG					28 - ug/L	01/30 - Monthly	GR - GRAB

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

Natural spring water flow.

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Well
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 09:58 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

DMR Copy of Record

Permit					
Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	034 External Outfall	Discharge:	034-Q Quarterly Monitoring for 034A		
Report Dates & Status					
Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
Considerations for Form Completion					

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI:		--															
Parameter		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			
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						2.9 Req Mon 30DA AVG			19 - mg/L 19 - mg/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						5.0 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						0.83 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						2.0 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								0.29 Req Mon DAILY MX	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						3.0 Req Mon 30DA AVG			25 - ug/L 25 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						12.0 Req Mon 30DA AVG			25 - ug/L 25 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						2.0 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						20.0 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						1.0 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						5.0 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						2.0 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						5.0 Req Mon 30DA AVG			28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0	Sample Permit Req. Value NODI	20.0 Req Mon DAILY MX 26 - ug/L	26 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total [low level]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	0.2 Req Mon 30DA AVG	26 - ug/L 26 - ug/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0	Sample Permit Req. Value NODI	0.05 Req Mon 30DA AVG	19 - mg/L 19 - mg/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0	Sample Permit Req. Value NODI	0.0 Req Mon 30DA AVG	19 - mg/L 19 - mg/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0	Sample Permit Req. Value NODI	0.039 Req Mon 30DA AVG	19 - mg/L 19 - mg/L 0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

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: 2020-10-27 10:00 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CO0038776
Major: No
Permitted Feature: 035
External Outfall
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
Discharge: 035-A
Stormwater Runoff from Train Loadout Area to N, Fork of Gunnison River

Report Dates & Status

Monitoring Period: From 09/01/20 to 09/30/20
DMR Due Date: 10/28/20
Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:
Title:
Telephone:

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	Monitoring Location	Session #	Param. NODI	Quantity or Loading				Quality or Concentration				# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2			
00400	pH	1 - Effluent Gross	0	--	Sample				7.7				12 - SU	01/30 - Monthly	GR - GRAB
					Permit Req.				Req Mon MINIMUM				12 - SU	01/30 - Monthly	GR - GRAB
					Value NODI										
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					1500 0		1500 0	19 - mg/L	01/30 - Monthly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG			Req Mon DAILY MX	01/30 - Monthly	GR - GRAB
					Value NODI								19 - mg/L		
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample					25000 0		25000 0	28 - ug/L	01/30 - Monthly	GR - GRAB
					Permit Req.					Req Mon 30DA AVG			Req Mon DAILY MX	01/30 - Monthly	GR - GRAB
					Value NODI								28 - ug/L		

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Welt
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 10:00 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

Permit					
Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somerse, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	035 External Outfall	Discharge:	035-Q Quarterly Monitoring for 035A		

Monitoring Period:	From 07/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
Considerations for Form Completion					

First Name:	Title:	Telephone:
Last Name:		

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
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							150.0 Req Mon 30DA AVG	19 - ug/L 19 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							11.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01056	Manganese, dissolved [as Mn]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							120.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01074	Nickel, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							45.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI								85.0 Req Mon DAILY MX 28 - ug/L	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
01118	Chromium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							29.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							980.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							26.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01314	Chromium, trivalent, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							20.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01318	Lead, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							18.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01319	Manganese, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							1100.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							17.0 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	
01323	Selenium, potentially dissolved	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI							4.9 Req Mon 30DA AVG	28 - ug/L 28 - ug/L	0	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB	

04262	Chromium, trivalent total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NOD	29.0 Req Mon DAILY MX	28 - ug/L 26 - ug/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
50286	Mercury, total (low level)	1 - Effluent Gross	0		Sample Permit Req. Value NOD	0.14 Req Mon 30DA AVG	28 - ug/L 26 - ug/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
51202	Sulfide-hydrogen sulfide [undissociated]	1 - Effluent Gross	0		Sample Permit Req. Value NOD	0.05 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
81020	Sulfate	1 - Effluent Gross	0		Sample Permit Req. Value NOD	46.0 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB
82057	Boron, total	1 - Effluent Gross	0		Sample Permit Req. Value NOD	0.56 Req Mon 30DA AVG	19 - mg/L 19 - mg/L	01/90 - Quarterly 01/90 - Quarterly	GR - GRAB GR - GRAB

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
 Name: Kathleen Well
 E-Mail: kwelt@archcoal.com
 Date/Time: 2020-10-27 10:02 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
 Name: John Poulos
 E-Mail: jpoulos@archcoal.com
 Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:	CO0038776	Permittee:	Mountain Coal Co LLC	Facility:	WEST ELK MINE
Major:	No	Permittee Address:	5174 Hwy 133 Somerset, CO 81434	Facility Location:	HWY 133, E OF TOWN GUNNISON COUNTY, CO 81434
Permitted Feature:	300 Influent Structure	Discharge:	300-I Influent Measurements		

Report Dates & Status

Monitoring Period:	From 09/01/20 to 09/30/20	DMR Due Date:	10/28/20	Status:	NetDMR Validated
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Considerations for Form Completion

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

Principal Executive Officer

First Name:		Title:		Telephone:	
Last Name:					

No Data Indicator (NODI)

Form NODI:

Code	Parameter	Monitoring Location	Season	Param. NODI	Sample Permit Req. Value NODI	Quantity or Loading					Quantity or Concentration					Units	# 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			
00180	Plant capacity fact. percent of capacity	P - See Comments	0	--	Sample Permit Req. Value NODI											23 - %	0	01/30 - Monthly	CA - CALCTD
00180	Plant capacity fact. percent of capacity	Q - See Comments	0	--	Sample Permit Req. Value NODI											23 - %	0	01/30 - Monthly	CA - CALCTD
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI		9.35		9.35	26 - lb/d		170.0		170.0		19 - mg/L	0	01/30 - Monthly	CP - COMPOS
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample Permit Req. Value NODI							424.0		424.0		19 - mg/L	0	01/30 - Monthly	CP - COMPOS

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Well
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 10:02 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #: CQ0038776
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 09/01/20 to 09/30/20

DMR Due Date: 10/28/20

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Title:

Last Name:

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
00010	Temperature, water deg. centigrade	Z - Instream Monitoring	0		Sample Permit Req. Value NODI						12.712			17.665	04 - deg C	99/99 - Continuous	RC - Recorder (auto)
											Req Mon MX WK AV			Req Mon DAILY MX 04 - deg C	0	99/99 - Continuous	RC - Recorder (auto)

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User: 3WELTBOYS
Name: Kathleen Well
E-Mail: kwell@archcoal.com
Date/Time: 2020-10-27 10:02 (Time Zone: -06:00)

Report Last Signed By

User: JPOULOS_5041
Name: John Poulos
E-Mail: jpoulos@archcoal.com
Date/Time: 2020-11-05 08:26 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:

CO0038776

Major:

No

Permitted Feature:

UST2
Receiving Water (Ambient)

Report Dates & Status

Monitoring Period:

From 09/01/20 to 09/30/20

Considerations for Form Completion

Permittee:

Mountain Coal Co LLC

Permittee Address:

5174 Hwy 133
Somerset, CO 81434

Discharge:

UST2-A
Instream Monitoring

Facility:

WEST ELK MINE

Facility Location:

HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

DMR Due Date:

10/28/20

Status:

NetDMR Validated

Principal Executive Officer

First Name:

Last Name:

No Data Indicator (NODI)

Form NODI:

Title:

Telephone:

Data Entry Form																	
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														

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Mountain Coal Co LLC

User:

3WELTBOYS

Name:

Kathleen Well

E-Mail:

kwelt@archcoal.com

Date/Time:

2020-10-27 10:02 (Time Zone: -06:00)

Report Last Signed By

User:

JPOULOS_5041

Name:

John Poulos

E-Mail:

jpoulos@archcoal.com

Date/Time:

2020-11-05 08:26 (Time Zone: -07:00)