

Simmons - DNR, Leigh <leigh.simmons@state.co.us>

CO0038776 January 2020 DMRs

1 message

Welt, Kathy <KWelt@archcoal.com>

Thu, Feb 27, 2020 at 1:19 PM

To: "Simmons - DNR, Leigh" <leigh.simmons@state.co.us>, "Mink - CDPHE, Eric" <eric.mink@state.co.us> Cc: "Poulos, John" <JPoulos@archcoal.com>

Attached are the Discharge Monitoring Reports for January 2020.

Kathy Welt,

Environmental Engineer III

Mountain Coal Company, LLC

West Elk Mine

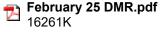
5174 Highway 133

Somerset, CO 81434

Phone (970) 929-2238

Cell (970) 433-1022

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FEB 2 6 2020

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February 25, 2020

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Mountain Coal Company, LLC

West Elk Mine 5174 Highway 133 Somerset, CO 81434

Kathleen G. Welt
Environmental Engineer III
kwelt@archcoal.com
phone: 970.929.2238

Colorado Department of Public Health and Environment Water Quality Control Division
Attn: WQCD-B2- DMR Receipt
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Re: Mountain Coal Company, LLC - West Elk Mine

ODDO De weith the OO OOODTO

CDPS Permit No. CO-0038776

Discharge Monitoring Reports – January 2020

Dear Sirs:

Attached are paper copies of the monthly Discharge Monitoring Reports (DMRs) for the month of January 2020, as Mountain Coal Company, LLC (MCC) has not been able to access NetDMR. Except for Outfall 007, MCC had no discharges from any of the other outfalls, and there were no exceedances at Outfall 007. MCC will continue to work to establish access to NetDMR.

Should you have questions or need additional information concerning these DMRs, please contact me at (970) 929-2238.

Sincerely,

Kathleen G. Welt

Environmental Engineer III

Enclosures: CDPS Forms (DMRs) January 2020

Kathleen Melt

cc: Eric Mink – WQCD

John Poulos - MCC

Leigh Simmons - CDRMS

Availability of Records File - DMRs



Mountain Coal Company, LLC West Elk Mine 5174 Highway 133 Somerset, CO 81434

Kathleen G. Welt Environmental Engineer III kwelt@archcoal.com phone: 970.929.2238

February 25, 2020

Colorado Department of Public Health and Environment Water Quality Control Division
Attn: WQCD-B2- DMR Receipt
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Re: Mountain Coal Company, LLC - West Elk Mine

CDPS Permit No. CO-0038776

Discharge Monitoring Reports – January 2020

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Attached are paper copies of the monthly Discharge Monitoring Reports (DMRs) for the month of January 2020, as Mountain Coal Company, LLC (MCC) has not been able to access NetDMR. Except for Outfall 007, MCC had no discharges from any of the other outfalls, and there were no exceedances at Outfall 007. MCC will continue to work to establish access to NetDMR.

Should you have questions or need additional information concerning these DMRs, please contact me at (970) 929-2238.

Sincerely,

Kathleen G. Welt

Environmental Engineer III

Enclosures: CDPS Forms (DMRs) January 2020

Kathleen Melt

cc: Eric Mink – WQCD

John Poulos - MCC

Leigh Simmons - CDRMS

Availability of Records File - DMRs

OMB No. 2040-0004 Form Approved

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if

ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC

FACILITY: WEST ELK MINE Somerset, CO 81434

GUNNISON COUNTY, CO 81434

ATTN: Weston Norris, GM

LOCATION: HWY 133, E OF TOWN

MM/DD/YYYY 01/01/2020 MONITORING PERIOD

PERMIT NUMBER

DISCHARGE NUMBER

005-A

MM/DD/YYYY

01/31/2020

CO0038776

DMR Mailing ZIP CODE:

81434

MINOR

Coal Conveyor Runoff (MB-3) MNTRS

External Outfall No Discharge

84066 1 0 Effluent Gross 00980 1 0 Effluent Gross 00400 1 0 Effluent Gross Oil and grease visual Oil and grease Solids, total suspended PH Effluent Gross **Effluent Gross** 00530 1 0 Effluent Gross 50050 1 0 treatment plant Flow, in conduit or thru 03582 1 0 Iron, total recoverable PARAMETER MEASUREMENT MEASUREMENT SAMPLE MEASUREMENT MEASUREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT MEASUREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT SAMPLE SAMPLE SAMPLE 30DA AVG VALUE ***** ***** ***** ***** .04 QUANTITY OR LOADING Req. Mon. Req. Mon. INST MAX VALUE **** ***** abst=0; prst=1 UNITS MGD ***** MINIMUM VALUE **** ***** 6.5 QUALITY OR CONCENTRATION 3500 30DA AVG ODA AVO VALUE **** ***** **** **** 7000 DAILY MX 70 DAILY MX MAXIMUM **INST MAX** VALUE ***** **** 10 mg/L STING ***** mg/L ug/L ***** EX.O FREQUENCY OF ANALYSIS Contingent Monthly Monthly Monthly Monthly Monthly Instantane SAMPLE Visual Grab Grab Grab Grab TYPE sno

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	accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	the information, the information submitted is, to the best of my knowledge and belief true	personnel properly gather and evaluate the information submitted. Based on my inquiry of the	NAME/ ITTLE PRINCIPAL EXECUTIVE OFFICER It certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified	
AO I HORIZED AGEN I	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR	J. Il one	11 000		
AREA Code NUMBER MM/DD/YYYY	71092			TELEPHONE	
NUMBER M	1-2270	-		ONE	
W/DD/YYYY	710 929-22/702/25/2020	/ /		DATE	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TSS AND TOTAL RECOVERABLE IRON LIMITS WILL BE WAIVED, & SETTLEABLE SOLIDS LIMIT APPLIED FOR <=10YR,24HR PRECIP EVENTS -SEE PG. 12 FOR REQUIREMENTS. 30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.OIL AND GREASE- SEE I.C.1.a.

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if

FACILITY: WEST ELK MINE ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC Somerset, CO 81434

PERMIT NUMBER MM/DD/YYYY CO0038776 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020 007-A

> DMR Mailing ZIP CODE: 81434

MINOR **MNTRS**

Domestic WWTP Polishing Pond

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434 ATTN: Weston Norris, GM Internal Outfall No Discharge

00610 1 0 Effluent Gross 00310 1 0 Effluent Gross Flow, in conduit or thru Nitrogen, ammonia total [as N] Solids, total suspended BOD, 5-day, 20 deg. C Effluent Gross 00530 1 0 50050 1 0 treatment plant Effluent Gross PARAMETER SAMPLE MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT REQUIREMENT SAMPLE SAMPLE SAMPLE .02 30DA AVG 12 30DA AVG 30DA AVG 0.50 000 VALUE ***** QUANTITY OR LOADING Req. Mon. DAILY MX Req. Mon. DAILY MX Req. Mon. DAILY MX 0.18 0,66 VALUE **** O STIND MGD ***** 000 lb/d lb/6 5 5 VALUE ***** **** QUALITY OR CONCENTRATION 75 30DA AVG Req. Mon. 30DA AVG 0.65 30 30DA AVG VALUE でか 2 110 MX 7D AV 45 MX 7D AV Req. Mon. DAILY MX VALUE 22 2 3 25 Ma/L STIND mg/L mg/L MO/L 5 C 0 EX O 0 FREQUENCY OF ANALYSIS Continue Continuous Recorder Monthly Weekly Monthly Monthly Poor CIRAD SAMPLE Grap PUCCO Grab Grab TYPE Grab Grab (auto)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified	((((((((((((((((((((TELEPHONE	DATE
)	personnel properly gather and evaluate the information submitted. Based on my inquiry of the			
	person of persons who manage the system, or those persons directly responsible for gathering the information submitted is to the best of my knowledge and belief true	Man on Mer	,	1
COING! UND	accurate, and complete. I am aware that there are significant penalties for substituting false information including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR $970920000000000000000000000000000000000$	127-124 01.6	9/2/25/2020
TYPED OR PRINTED	3. Transfer of the state of the	AUTHORIZED AGENT	AREA Code NUMBER MM/DD/YYYY	MM/DD/YYYY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Beforence all attackments bess)	ATIONS (Deference all attachments here)			

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.

OMB No. 2040-0004 Form Approved

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if

ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC

FACILITY: WEST ELK MINE Somerset, CO 81434

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

PERMIT NUMBER MM/DD/YYYY 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020

CO0038776

008-A

DMR Mailing ZIP CODE:

81434

MINOR

External Outfall Loadout Runoff (MB-4) **MNTRS**

No Discharge

00400 1 0 Effluent Gross Solids, total suspended 9 H ATTN: Weston Norris, GM 00530 1 0 Iron, total recoverable Effluent Gross PARAMETER MEASUREMENT PERMIT REQUIREMENT MEASUREMENT MEASUREMENT PERMIT REQUIREMENT SAMPLE SAMPLE VALUE ***** **** QUANTITY OR LOADING VALUE **** STIND **** 6.5 MINIMUM VALUE **** QUALITY OR CONCENTRATION 30DA VALUE **** ***** AVG 70 DAILY MX-MOMXAN VALUE STIND mg/L SU EX.O FREQUENCY OF ANALYSIS Monthly Monthly SAMPLE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified		TELEPHONE	DATE
	personnel properly gather and evaluate the information submitted. Based on my inquiry of the	1 10 ser Air		
Topo topoch	Į.	10000	0-10-070-7719	0/2/20
	accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TIVE OFFICER OR	410 101-01100/25/2000	02/22/200
TYPED OR PRINTED		AUTHORIZED AGENT	AREA Code NUMBER MM/DD/YYYY	MM/DD/YYYY
COMMENTS AND EXPLANATION OF ANY CONTRACTOR OF THE CONTRACTOR OF TH				

COMMEN IS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

84066 1 0 Effluent Gross

Oil and grease visual

MEASUREMENT

SAMPLE

PERMIT REQUIREMENT

Req. Mon. INST MAX

abst=0; prst=1

Monthly

Visual

Effluent Gross

50050 1 0

Effluent Gross Flow, in conduit or thru

03582 1 0

treatment plant

MEASUREMENT

SAMPLE

PERMIT REQUIREMENT

30DA AV6

Req. Mon. DAILY MX

MGD

Monthly

Instantane

sno

Oil and grease 00980 1 0 Effluent Gross

SAMPLE MEASUREMENT

REQUIREMENT

PERMIT

(*

3000 30DA AVG

DAILY MX

ug/L

Monthly

Grab

Grab

Grab

TYPE

***** *****

NST MAX

5

mg/L

Contingent

Grab

PERMIT REQUIREMENT

TSS & TOTAL RECOVERABLE IRON 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.

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OMB No. 2040-0004 Form Approved

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if

ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC

FACILITY: WEST ELK MINE Somerset, CO 81434

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

ATTN: Weston Norris, GM

PERMIT NUMBER MM/DD/YYYY CO0038776 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020 009-A

> MINOR DMR Mailing ZIP CODE: 81434

MNTRS

External Outfall Subsoil Stockplie Runoff (MB-5)

No Discharge

		NAUD	QUANTITY OR LOADING	NG	D	QUALITY OR CONCENTRATION	CENTRATION		NO.		SAMPLE
PARAMETER		VALUE	VALUE	STINU	VALUE	VALUE	VALUE	UNITS	EX	OF ANALYSIS	TYPE
Н	SAMPLE MEASUREMENT	* * * *	* * * * *	* * * * *		* * * *		2			
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * * *	* * * * *	6.5 MINIMUM	* * * * *	9 MAXIMUM	(su/		Monthly	Grab
Solids, total suspended	SAMPLE MEASUREMENT	* * * * * * * * * * * * * * * * * * * *	* * * * *	* * * *	* * * * * * * *					\	
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * * *	* * * * * *	* * * * *	35 30DA AXG	MX 750 AV	mg/L		Monthly	Grab
Iron, total recoverable	SAMPLE MEASUREMENT	* * * * *	* * * * * * *	***	/ *****		7	TO an any majority of the San San			
00980 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * *	* * * *	****	7 (3000 AVG	DAILY MX	J ug/L		Monthly	Grab
Oil and grease	SAMPLE MEASUREMENT	* * * * * *	***	* * * * * * * * * * * * * * * * * * * *	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	*****					
03582 1 0 Effluent Gross	PERMIT REQUIREMENT	<i>***</i>	~ ····*~ 7	* * * * * * * * * * * * * * * * * * *	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	****	10 INST MAX	mg/L		Contingent	Grab
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT				*****	* * * *	* * * * *	* * * * *			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	.23 30DA AVG	Req. Mon. DAILY MX	MGD	* * * * *	* * * * *	* * * * *	* * * *		Monthly	Instantane
Oil and grease visual	SAMPLE MEASUREMENT	* * * * *			* * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * *	* * * *			
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	Reg. Mon. INST MAX	abst=0; prst=1	* * * * *	* * * * *	* * * * *	* * * * *		Monthly	Visual

person or persons who nanage the system, or those persons directly responsible for gathering the information submitted based on my inquiry of the person or persons who nanage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. SIGNATURE OF	NAME/TITLE PRINCIPAL EXECUTIVE OFFICE	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified		TELEPHONE
In enformation, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete, and ware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	0	personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering	a Conto	
morning are possiblely of the end imprisonment of knowing violations.		accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for the possibility of fine and imprisonment	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR	24 066
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TSS & TOTAL RECOVERABLE IRON LIMITS WILL BW 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 C.1.a.

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if NAME: Mountain Coal Co LLC

FACILITY: WEST ELK MINE ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC Somerset, CO 81434

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

ATTN: Weston Norris, GM

PERMIT NUMBER MM/DD/YYYY CO0038776 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020 011-A

> MINOR DMR Mailing ZIP CODE: 81434

External Outfall Mine Water to Sylvester Gulch MNTRS

No Discharge

		QUAN	QUANTITY OR LOADING	VG	Ω	QUALITY OR CONCENTRATION	CENTRATION		NO.	FREQUENCY	
PARAMETER		VALUE	VALUE	STINU	VALUE	VALUE	VALUE	STINU	ΕX	OF ANALYSIS	
Н	SAMPLE MEASUREMENT	* * * *	* * * *	* * * *		* * * * *					_
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	****	****	6.5 MINIMUM	* * * *	9 MAXIMUM) SU		Weekly	
Solids, total suspended	SAMPLE MEASUREMENT	* * * * *	* * * * *	* * * * * * * *	* * * *			V	1		
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * * *	* * * * *	* * * * *	35 30DA ÁVG	DAILY MX	20/1		Monthly	_
Iron, total recoverable	SAMPLE MEASUREMENT	* * * * * * * * * * * * * * * * * * *	* * * * *	* * * * *	* * * * *						
00980 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * * *	*****	<i></i>	1000 300A AVG	DAILY MX	J.C		Monthly	_
Oil and grease	SAMPLE MEASUREMENT	* * * * *	* * * * * * * * * * * * * * * * * * *	***)*						
03582 1 0 Effluent Gross	PERMIT REQUIREMENT	**	**** ?	* * * * * * * * * * * * * * * * * * * *	\	**	10 INST MAX	mg/L		Contingent	0111045-0005
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT				\(\sqrt{******}\)	****	* * * * *	* * * * * * *			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	.014 30DA AVG	Req. Mon. DAILYMX	MGD	******	* * * *	* * * * *	* * * *		Weekly	Instantane ous
Oil and grease visual	SAMPLE MEASUREMENT	* * * * *			****	* * * * *	* * * * *	* * * * *			
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * *	Req. Mon.	abst=0;	****	* * * * *	* * * * *	* * * * *		Weekly	100000000

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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of faw that this document and all attachments were prepared under my direction of supervision in accordance with a system designed to assure that qualified personnel properly galter and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowling violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

970 929-2219

02/25 MM/DD/YYYY

TELEPHONE

DATE

AREA Code

NUMBER

outer

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD. OIL & GREASE - SEE I.C.1.a.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

OMB No. 2040-0004 Form Approved

DISCHARGE MONITORING REPORT (DMR)

ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if

FACILITY: WEST ELK MINE Somerset, CO 81434

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

ATTN: Weston Norris, GM

임

00400 1 0

PERMIT NUMBER MM/DD/YYYY CO0038776 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020 012-A

> DMR Mailing ZIP CODE: 81434

MINOR

External Outfall Mine Water to Minnesota Creek MNTRS

No Discharge

03582 1 0 Effluent Gross Oil and grease Effluent Gross Oil and grease visual Effluent Gross Solids, total suspended Effluent Gross treatment plant Flow, in conduit or thru Effluent Gross PARAMETER SAMPLE MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT MEASUREMENT REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT REQUIREMENT SAMPLE SAMPLE SAMPLE SAMPLE PERMIT PERMIT 30DA AVG VALUE ***** ***** .072 **** QUANTITY OR LOADING Red Mon Req. Mon. INST MAX VALUE **** ***** abst=0; prst=1 STIND MGD **** ***** **** ***** MINIMUM VALUE ***** ***** 6.5 QUALITY OR CONCENTRATION 30DA AVG VALUE **** ***** 35 MAXIMUM VALUE **** 10 STIND **** mg/L mg/L US EXO FREQUENCY OF ANALYSIS Contingent Monthly Weekly Weekly Weekly Instantane SAMPLE Visual Grab Grab Grab TYPE sno

00530 1 0

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER LONA TYPED OR PRINTED roulos I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

84066 1 0

50050 1 0

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

only

970 924-2219 AREA Code NUMBER 3 MM/DD/YYYY 12/1020

TELEPHONE

DATE

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD. OIL & GREASE - SEE I.C.1.a

Form Approved OMB No. 2040-0004

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if

FACILITY: WEST ELK MINE

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

MM/DD/YYYY 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020

PERMIT NUMBER

CO0038776

014-A

DMR Mailing ZIP CODE: 81434

MINOR

External Outfall Surface Runoff to Sylvester Gulch GUNIS

MEASUREMENT	ATTN: Weston Norris, GM PARAMETER pH	SAMPLE	VALUE	QUANTITY OR LOADING JE VALUE *** *******	ING UNITS *****	VALUE	QUALITY OR CONCENTRATION VALUE VALUE *******	CENTRATION VALUE		UNITS	EX O	
PERMIT	T	SAMPLE MEASUREMENT	* * * * *	* * * * *	* * * *		* * * * *)))
SAMPLE	00400 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * *	* * * *	6.5 MINIMUM	****		MAXINDUM	MAXIMUM	E	E
PERMIT ***** ****** ****** recoverable SAMPLE ***** ***** ****** MEASUREMENT PERMIT REQUIREMENT REQUIREMENT SAMPLE MEASUREMENT PERMIT NOSS REQ. Mon. PERMIT REQUIREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT SODA AVG PARNY MX PERMIT NOSS REQ. Mon. MGD ******	Solids, total suspended	SAMPLE MEASUREMENT	* * * * *	* * * *	* * * *	* * * *	-2	2	2			
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ross Permit ****** *****************************	Iron, total recoverable	SAMPLE MEASUREMENT	* * * * *	* * * * *	* * * * * * * * * * * * * * * * * * * *	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		1				
plant SAMPLE MEASUREMENT .03 Req. Mon. MGQ ******* PERMIT .03 Req. Mon. MGQ ******* PERMIT .03 Req. Mon. MGQ ********	00980 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	******	$\mathcal{C}_{\mathcal{I}}$	3500 30DA AVG	\$	7000 DAILY MX		7000 DAILY MX	7000 DAILY MX
PERMIT .03 Reg. Mon. MGD ******* OSS REQUIREMENT 30DA AVG /DAILY MX	Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	,			*****	*****	*			* * * * *	* * * * *
	50050 1 0 Effluent Gross	PERMIT REQUIREMENT	.03 30DA AVG	Reg. Mon. DAILY MX	MGD	****	* * * *		****		****	****

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly applies and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowling violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

970 929-2219 TELEPHONE NUMBER 02/25/20 MM/DD/YYYY DATE

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TYPED OR PRINTED

HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD. 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

Form Approved OMB No. 2040-0004

NAME: PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Mountain Coal Co LLC

ADDRESS: 5174 Hwy 133

FACILITY: WEST ELK MINE Somerset, CO 81434

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

ATTN: Weston Norris, GM

PERMIT NUMBER CO0038776 MM/DD/YYYY 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020 015-A

> MINOR DMR Mailing ZIP CODE: 81434

GUNIS

External Outfall Surface Runoff to N Fork of Gunnison River

		QUAN	QUANTITY OR LOADING	VG	סו	QUALITY OR CON	LITY OR CONCENTRATION		NO.		SAMPLE
PARAMETER		VALUE	VALUE	STINU	VALUE	VALUE	VALUE	STINU	EX		TYPE
Hd	SAMPLE MEASUREMENT	* * * * *	****	* * * * * * * * * * * * * * * * * * * *		* * * * * * * *					
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * *	* * * *	6.5 MINIMUM	* * * * *	MAXIMUM	SU		Monthly	Grab
Solids, total suspended	SAMPLE MEASUREMENT	* * * * * *	* * * * * * * * * * * * * * * * * * * *	* * * * *	* * * * *						
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * *	* * * * * * *	* * * * *	35 30DA AVG	DAILY MX	mg/L		Monthly	Grab
Iron, total recoverable	SAMPLE MEASUREMENT	* * * * *	* * * *	* * * * *	* * * * * * * * * * * * * * * * * * * *						
00980 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * * *	* * * * *	*****	300A AVG	DAILY MX	ug/L		Monthly	Grab
Oil and grease	SAMPLE MEASUREMENT	* * * * *	* * * *	****	*****	*****					
03582 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * * * * *	* * * * * * *)\	****	10 INST MAX	mg/L		Contingent	Grab
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT				*****	******	* * * * *	* * * *			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	30DA AVG	Req. Mon. DAILY MX	MGD	****	** ** **	* * * * *	* * * *		Monthly	Instantane ous
Oil and grease visual	SAMPLE MEASUREMENT	***	1		****	* * * * *	* * * * *	* * * * *			
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	**	Req. Mon. INST MAX	abst=0; prst=1	****	*****	* * * *	* * * * *		Monthly	Visual

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TYPED OR PRINTED

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly applies and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR

975-7219

3

125

TELEPHONE

DATE

AREA Code

NUMBER

MM/DD/YYYY

our

AUTHORIZED AGENT

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD. OIL AND GREASE- SEE I.C.1.lpha

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if NAME: Mountain Coal Co LLC

FACILITY: WEST ELK MINE ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC Somerset, CO 81434

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

ATTN: Weston Norris, GM

PERMIT NUMBER MM/DD/YYYY CO0038776 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020 017-A

> DMR Mailing ZIP CODE: 81434

MINOR

GUNIS

External Outfall Mine Water & MWTF

No Discharge

		QUAN	QUANTITY OR LOADING	NG	Q	QUALITY OR CONCENTRATION	CENTRATION		NO.	FREQUENCY	SAMPLE
PARAMETER		VALUE	VALUE	STINU	VALUE	VALUE	VALUE	STINU	EX.	-	TYPE
р́Н	SAMPLE MEASUREMENT	* * * *	* * * *	* * * *		* * * * *					
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * * *	* * * * *	6.5 MINIMUM	* * * * *	9 MAXIMUM	SU		Weekly	Grab
Solids, total suspended	SAMPLE MEASUREMENT	* * * * *	*****	* * * * * * * * * * * * * * * * * * * *	* * * * *		7				
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * *	* * * * *	* * * *	35 30DA AVG (PALLY MX	DBG/L		Monthly	Grab
Iron, total recoverable	SAMPLE MEASUREMENT	* * * *	* * * * *	* * * * *	* * * * * * * * *		1				
00980 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	* * * * *	***	/ **	30DA AVG	DAILX WX	ug/L		Monthly	Grab
Oil and grease	SAMPLE MEASUREMENT	* * * * *	****	***		****	1				
03582 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	***	*****	***	10 INST MAX	mg/L		Contingent	Grab
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	1		(\	* * * *	* * * *	* * * * *			
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	.29 30DA AVG	Req. Mon. DAILY MX	MGD	****	* * * * *	* * * * *	* * * *		Weekly	Instantane
Oil and grease visual	SAMPLE MEASUREMENT	****			* * * * *	* * * * *	****	* * * * *			
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	* * * * *	Req. Mon.	abst=0; prst=1	* * * *	* * * * *	* * * * *	* * * * *		Weekly	Visual

COMMENTS AND EXPLANATION C	TYPED OR PRINTED	20/11/10000	いシニラン こうぎ、)	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Beforence all attractions)	y the position by the position of the aboundaries to a towning violations.		the information, the information submitted is, to the best of my knowledge and belief, true	personnel properly gather and evaluate the information submitted. Based on my inquiry of the	direction or supervision in accordance with a system designed to assure that qualified
	AU	SIGNATURE OF PR	The contract of	100	1 1 2

RINCIPAL EXECUTIVE OFFICER OR JTHORIZED AGENT

970 929-2219 NUMBER 50 MM/DD/YYYY DATE 125/20

TELEPHONE

COMINEN IS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD. QUARTERLY SAMPLING AND REPORTINGINSTURCTIONS - I.C.11. OIL & GREASE - SEE I.B.1.F.

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if

ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC

FACILITY: WEST ELK MINE Somerset, CO 81434

LOCATION: HWY 133, E OF TOWN

GUNNISON COUNTY, CO 81434

ATTN: Weston Norris, GM

PERMIT NUMBER MM/DD/YYYY 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020

CO0038776

019-A

MINOR DMR Mailing ZIP CODE: 81434

External Outfall Stormwater Runoff to N. Fork Gunnison Riv

No Discharge

02/25/202	129-2219	970 9		EXECUTIVE OFFICE	ן סיט		Ities for submitting far knowing violations.	the information, the information submitted is, to the best of my knowledge and belief, true management, accurate, and complete. I am aware that there are significant penalties for submitting false unformation, including the possibility of fine and imprisonment for knowing violations.	tion, the information subrid d complete. I am aware the including the possibility		John toulos
DATE	TELEPHONE	TEL			1 milion	y of the	nts were prepared un assure that qualified d. Based on my inquiry	document and all attachmen with a system designed to a the information submitted the information submitted the forther or those persons directions.	ler penalty of law that this supervision in accordance roperly gather and evaluatersons who manage the sy-	VE OFFICER I certify und direction or personnel person or or person or	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted based on my inquiry of the person or persons who manage the system or those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of those persons directly resonable for particular that the system of the sy
Visual	Monthly	*	* * * * *	* * * * * * * * * * * * * * * * * * * *	****	* * * * * *	N=0;Y=1	Reg. Mon. JNST MAX	* * * * * *	PERMIT REQUIREMENT	84066 1 0 Effluent Gross
			* * * *	* * * * *	* * * * * * *	* * * * * * * * * * * * * * * * * * *			**	SAMPLE MEASUREMENT	Oil and grease visual
Instantane ous	Monthly	*	* * * *	* * * * *	* * * * *	****	MGD	Req. Món. DAILY MX	Req. Mbn. 30DA AVG	PERMIT REQUIREMENT	50050 1 0 Effluent Gross
		*	* * * *	* * * * *	* * * * *	*****	ę	Ĵ	1	SAMPLE MEASUREMENT	Flow, in conduit or thru treatment plant
t Grab	Contingent		mg/L	10 INST MAX	****	/ ***** /	**	****	****	PERMIT REQUIREMENT	03582 1 0 Effluent Gross
				\	****	****	*****	* * * * * * * * *	* * * * *	SAMPLE MEASUREMENT	Oil and grease
Grab	Monthly		ug/L	7000 DAHLY MX	3500 30DA AVG	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	*****	** ** **	****	PERMIT REQUIREMENT	01045 1 0 Effluent Gross
		\				*****	* * * * * * * * * * * * * * * * * * *	* * * * *	* * * * *	SAMPLE MEASUREMENT	lron, total [as Fe]
Grab	Monthly		mL/L	DAHLY MIX	V	*****	** ** *	*** ***	* * * *	PERMIT REQUIREMENT	00545 1 0 Effluent Gross
		\		1	* * * * *	* * * * * *	* * * * *	* * * * *	* * * * *	SAMPLE MEASUREMENT	Solids, settleable
Grab	Monthly) mg/L	70 DAILY MX	35 30DA AVG	* * * * * * * * * * * * * * * * * * * *	* * * * *	* * * * *	* * * * *	PERMIT REQUIREMENT	00530 1 0 Effluent Gross
						* * * * *	* * * * *	* * * * *	* * * * * * * *	SAMPLE MEASUREMENT	Solids, total suspended
In Situ	Monthly		SU	9 MAXIMUM	* * * * *	6.5 MINIMUM	* * * * *	* * * * *	* * * * *	PERMIT REQUIREMENT	00400 1 0 Effluent Gross
					* * * * *		****	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * *	SAMPLE MEASUREMENT	рH
		_	STINU	VALUE	VALUE	VALUE	STINU	VALUE	VALUE		PARAMETER
S		NO.		ENTRATION	QUALITY OR CONCENTRATION	ΩΙ	NG	QUANTITY OR LOADING	QUAN		

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING REPORTING PERIOD.QUARTERLY SAMPLING & REPORTING INSTRUCTIONS - I.C.11. OIL AND GREASE - SEE I.B.1.F

02/25/202 NW/DD/YYYY

NUMBER

Form Approved OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if

ADDRESS: 5174 Hwy 133 Mountain Coal Co LLC

Somerset, CO 81434

FACILITY: WEST ELK MINE

LOCATION: HWY 133, E OF TOWN
GUNNISON COUNTY, CO 81434

ATTN: Weston Norris, GM

PERMIT NUMBER MM/DD/YYYY CO0038776 01/01/2020 MONITORING PERIOD DISCHARGE NUMBER MM/DD/YYYY 01/31/2020 300-1

> MINOR DMR Mailing ZIP CODE: 81434

Influent Structure Influent Measurements No Discharge____

Solids, total suspended BOD, 5-day, 20 deg. C 00530 G 0 Raw Sewage Influent 00310 G 0 See Comments Raw Sewage Influent See Comments capacity Plant capacity fact, percent of 00180 P 0 20180 Q 0 Plant capacity fact, percent of PARAMETER MEASUREMENT SAMPLE MEASUREMENT SAMPLE MEASUREMENT PERMIT REQUIREMENT MEASUREMENT PERMIT REQUIREMENT PERMIT REQUIREMENT REQUIREMENT SAMPLE SAMPLE PERMIT Req. Mon. 30DA AVG VALUE **** **** QUANTITY OR LOADING Req. Mon. MX 7D AV VALUE **** **** **** STIND **** ***** lb/d VALUE **** ***** QUALITY OR CONCENTRATION Req. Mon. 30DA AVG Req. Mon. 30DA AVG Req. Mon. 30DA AVG Req. Mon. 30DA AVG 799 4 670 んつ VALUE Req. Mon. MX 7D AV Req. Mon. MX 7D AV 394 VALUE ***** 28 5 SLIND mg/L mg/L % % 0 E N 0 FREQUENCY OF ANALYSIS Tonth MAHOL renth Monthly / Monthly Monthly OFF Monthly/ / Composite Composite Calculated SAMPLE TYPE Calculated ("ally COMP. (alle JW +

COM		/	NAM
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Before all attackments have)	TYPED OR PRINTED	John Towlos	E/TITLE PRINCIPAL EXECUTIVE OFFICER
		the sour or per sours were made me system, or mose persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, frue, accurate, and complete, and maware that there are graphificant personal probabilities for submitting false information, the complete, and complete, and warer that there are graphificant personal probabilities for submitting false information, including the possibility of fine and imprisonment for knowledge and including the probabilities for submitting false.	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER decreive under penalty of law that this document and all attachments were prepared under my personnel properly gather and evaluate the information submitted. Based on my inquiry of the
	AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR 970 929-2219 02/25/2020	
	AREA Code NUN	2-526 046	TELEPHONE
	AREA Code NUMBER MM/DD/YYYY	219 0425/2020	DATE

JUMMEN IS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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

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