

DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

002
External Outfall

Discharge:

002-A
MINE 1, POND T TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 05/01/23 to 05/31/23

DMR Due Date:

06/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR/24HR PRECIP EVENT CLAIMED. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR,24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														77/77 - Contingent	GR - GRAB
					Permit Req.										<=	10.0 INST MAX	19 - mg/L			
					Value NODI											C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1										
					Value NODI				C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By	
Twentymile Coal LLC	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-06-27 12:31 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-06-28 10:26 (Time Zone: -06:00)

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Permit

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29515 Routt CR 27
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

003
External Outfall

Discharge:

003-A
MINE 1, POND B TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 05/01/23 to 05/31/23

DMR Due Date:

06/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS & IRON (MLOC=O) APPLY IF 10YR,24HR PRECIP. EVENT CLAIMED. ALTERNATE LIMITS FORSETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF >10YR,24HR PRECIP EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.9			=	8.3	12 - SU	0	01/07 - Weekly	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU				
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	11.6	=	14.0	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L				
					Value NODI																
00530	Solids, total suspended	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.1	<	0.1	25 - mL/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L				
					Value NODI																
00545	Solids, settleable	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L				
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample								<	120.0	<	120.0	28 - ug/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L				
					Value NODI																
01045	Iron, total [as Fe]	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L				
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0768	=	0.126	03 - MGD								0	01/07 - Weekly	IN - INSTAN	
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																

Submission Note

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Edit Check Errors

No errors.	
Comments	
Permit modification approved to monitor flow instantaneously on a weekly basis	
Attachments	
No attachments.	
Report Last Saved By	
Twentymile Coal LLC	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-06-27 12:39 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-06-28 10:26 (Time Zone: -06:00)

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Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

004
External Outfall

Discharge:

004-A
MINE 1, POND C TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 05/01/23 to 05/31/23

DMR Due Date:

06/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR,24HR PRECIP EVENT CLAIMES. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR,24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														77/77 - Contingent	GR - GRAB
					Permit Req.										<=	10.0 INST MAX	19 - mg/L			
					Value NODI											C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1										
					Value NODI				C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By	
Twentymile Coal LLC	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-06-27 12:32 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-06-28 10:26 (Time Zone: -06:00)

DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

006
External Outfall

Discharge:

006-A
MINE 1, POND E TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 05/01/23 to 05/31/23

DMR Due Date:

06/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR/24HR PRECIP EVENT CLAIMED. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR,24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.1			=	8.4	12 - SU	0	01/07 - Weekly	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU				
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	6.8	=	8.0	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L				
					Value NODI																
00530	Solids, total suspended	O - See Comments	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Permit Req.																
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.1	<	0.1	25 - mL/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L				
					Value NODI																
00545	Solids, settleable	O - See Comments	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/07 - Weekly	GR - GRAB	
					Permit Req.																
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample								=	132.4	=	187.0	28 - ug/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L				
					Value NODI																
01045	Iron, total [as Fe]	O - See Comments	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	GR - GRAB	
					Permit Req.																
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														77/77 - Contingent	GR - GRAB	
					Permit Req.										<=	10.0 INST MAX	19 - mg/L				
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.004	=	0.005	03 - MGD								0	01/07 - Weekly 99/99 - Continuous	IN - INSTAN RC - Recorder (auto)	
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																

					Sample			=	0.0	9P - N=0;Y=1								01/07 - Weekly	VI - VISUAL
84066	Oil and grease visual	1 - Effluent Gross	0	--	Permit Req.				Req Mon INST MAX	9P - N=0;Y=1							0	01/07 - Weekly	VI - VISUAL
					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

Permit modification approved to monitor flow instantaneously on a monthly basis

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

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

MBLOMQUIST@PEABODYENERGY.COM
Miranda Kawcak
mblomquist@peabodyenergy.com
2023-06-27 12:50 (Time Zone: -06:00)

Report Last Signed By

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

MBLOMQUIST@PEABODYENERGY.COM
Miranda Kawcak
mblomquist@peabodyenergy.com
2023-06-28 10:26 (Time Zone: -06:00)

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Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

005
External Outfall

Discharge:

005-A
MINE 1, POND D TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 05/01/23 to 05/31/23

DMR Due Date:

06/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR,24HR PRECIP EVENT CLAIMED. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR/24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.9			=	8.2	12 - SU	0	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB	
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	6.4	=	7.0	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Value NODI																
00530	Solids, total suspended	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI									C - No Discharge		C - No Discharge					
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.1	<	0.1	25 - mL/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		01/07 - Weekly	GR - GRAB	
					Value NODI																
00545	Solids, settleable	O - See Comments	0	--	Sample														01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L				
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	210.0	<	300.0	28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L		02/30 - Twice Per Month	GR - GRAB	
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	1.6468	=	2.438	03 - MGD								0	01/07 - Weekly	IN - INSTAN	
					Permit Req.	<=	4.55 30DA AVG		Req Mon DAILY MX	03 - MGD									99/99 - Continuous	RC - Recorder (auto)	
					Value NODI																

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Edit Check Errors

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Twentymile Coal LLC	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-06-27 12:46 (Time Zone: -06:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-06-28 10:26 (Time Zone: -06:00)

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MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

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APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

007
External Outfall

Discharge:

007-A
MINE 1, POND F TO FOIDEL CREEK

Report Dates & Status

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Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.8			=	8.0	12 - SU	0	01/07 - Weekly 02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	7.2	=	10.0	19 - mg/L	0	01/07 - Weekly 01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			GR - GRAB
					Value NODI															
00530	Solids, total suspended	O - See Comments	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Permit Req.															
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								<	142.5	=	165.0	28 - ug/L	0	01/30 - Monthly 01/30 - Monthly	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L			GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.931	=	1.746	03 - MGD								0	01/07 - Weekly 99/99 - Continuous	IN - INSTAN
					Permit Req.	<=	2.97 30DA AVG		Req Mon DAILY MX	03 - MGD										RC - Recorder (auto)
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Permit modification approved to monitor flow instantaneously on a weekly basis

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

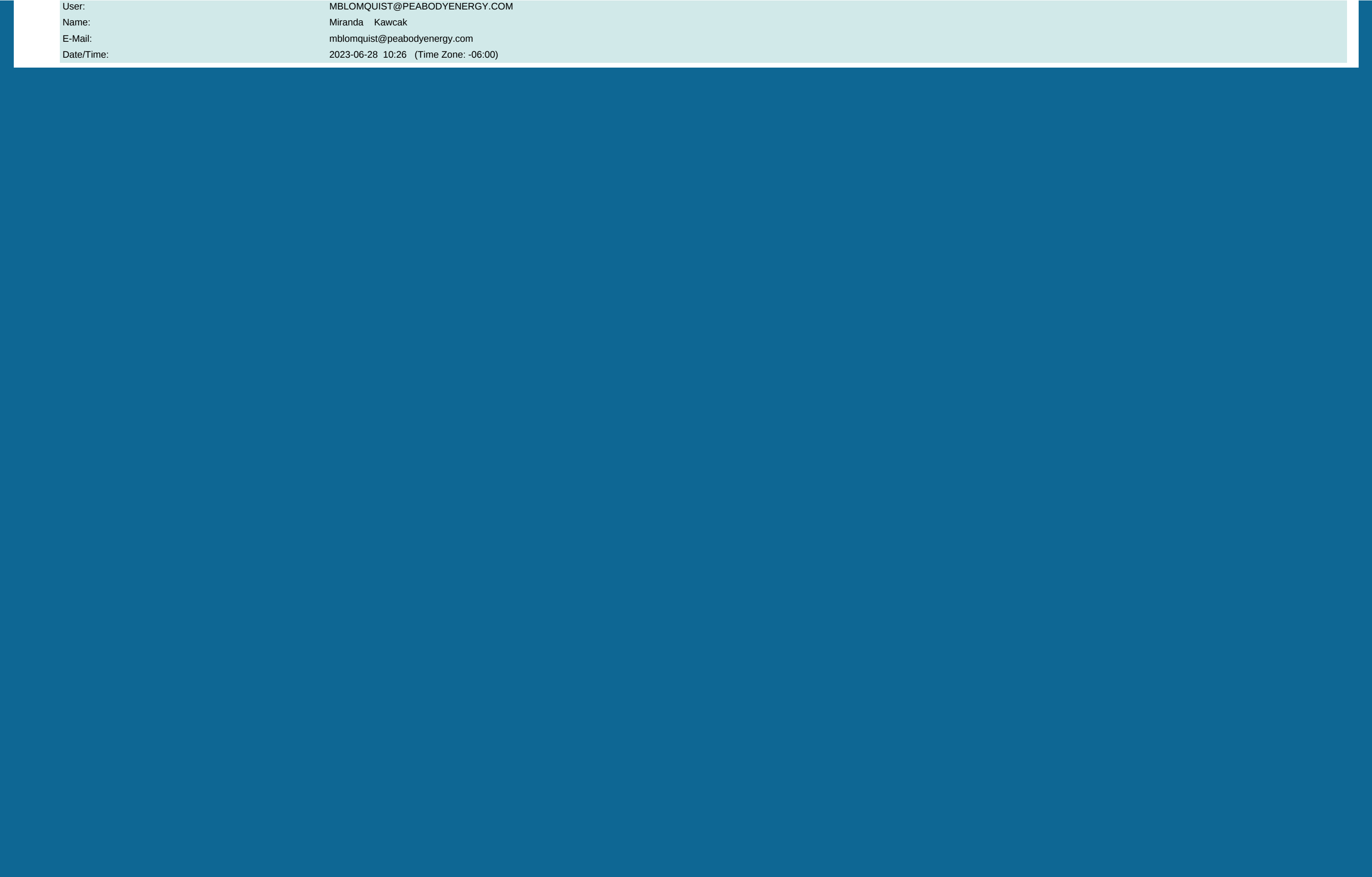
E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2023-06-27 12:55 (Time Zone: -06:00)

Report Last Signed By



DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

008
External Outfall

Discharge:

008-A
MINE 1, POND G TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 05/01/23 to 05/31/23

DMR Due Date:

06/28/23

Status:

NetDMR Validated

Considerations for Form Completion

ALTERNATE LIMITS FOR TSS (MLOC=O) APPLY IF 10YR,24HR PRECIP EVENT CLAIMED. ALTERNATE LIMITS FOR IRON &SETTLEABLE SOLIDS (MLOC=O) APPLY ONLY IF <=10YR,24HR PRECIP. EVENT CLAIMED. OIL & GREASE - SEE I.C.19,PAGE 16.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.4			=	8.9	12 - SU	0	01/07 - Weekly	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU				
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	5.8	=	7.0	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L				
					Value NODI																
00530	Solids, total suspended	O - See Comments	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Permit Req.																
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.1	<	0.1	25 - mL/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L				
					Value NODI																
00545	Solids, settleable	O - See Comments	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	25 - mL/L		01/07 - Weekly	GR - GRAB	
					Permit Req.																
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample								<	229.8	=	494.0	28 - ug/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.								<=	3500.0 30DA AVG	<=	7000.0 DAILY MX	28 - ug/L				
					Value NODI																
01045	Iron, total [as Fe]	O - See Comments	0	--	Sample									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	GR - GRAB	
					Permit Req.																
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														77/77 - Contingent	GR - GRAB	
					Permit Req.										<=	10.0 INST MAX	19 - mg/L				
					Value NODI											9 - Conditional Monitoring - Not Required This Period					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.024	=	0.049	03 - MGD								0	01/07 - Weekly 99/99 - Continuous	IN - INSTAN RC - Recorder (auto)	
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																

DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

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Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

MON
External Outfall

Discharge:

MON-7
MINE 1, POND F TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 05/01/23 to 05/31/23

DMR Due Date:

06/28/23

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample							=	0.62		=	0.62	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample							<	20.0		<	20.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	0.5		<	0.5	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	0.1		<	0.1	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01322	Nickel, potentially dissolved	1 - Effluent Gross	0	--	Sample							<	8.0		<	8.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample							=	2.6		=	2.6	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2023-06-27 13:01 (Time Zone: -06:00)

Report Last Signed By

User:

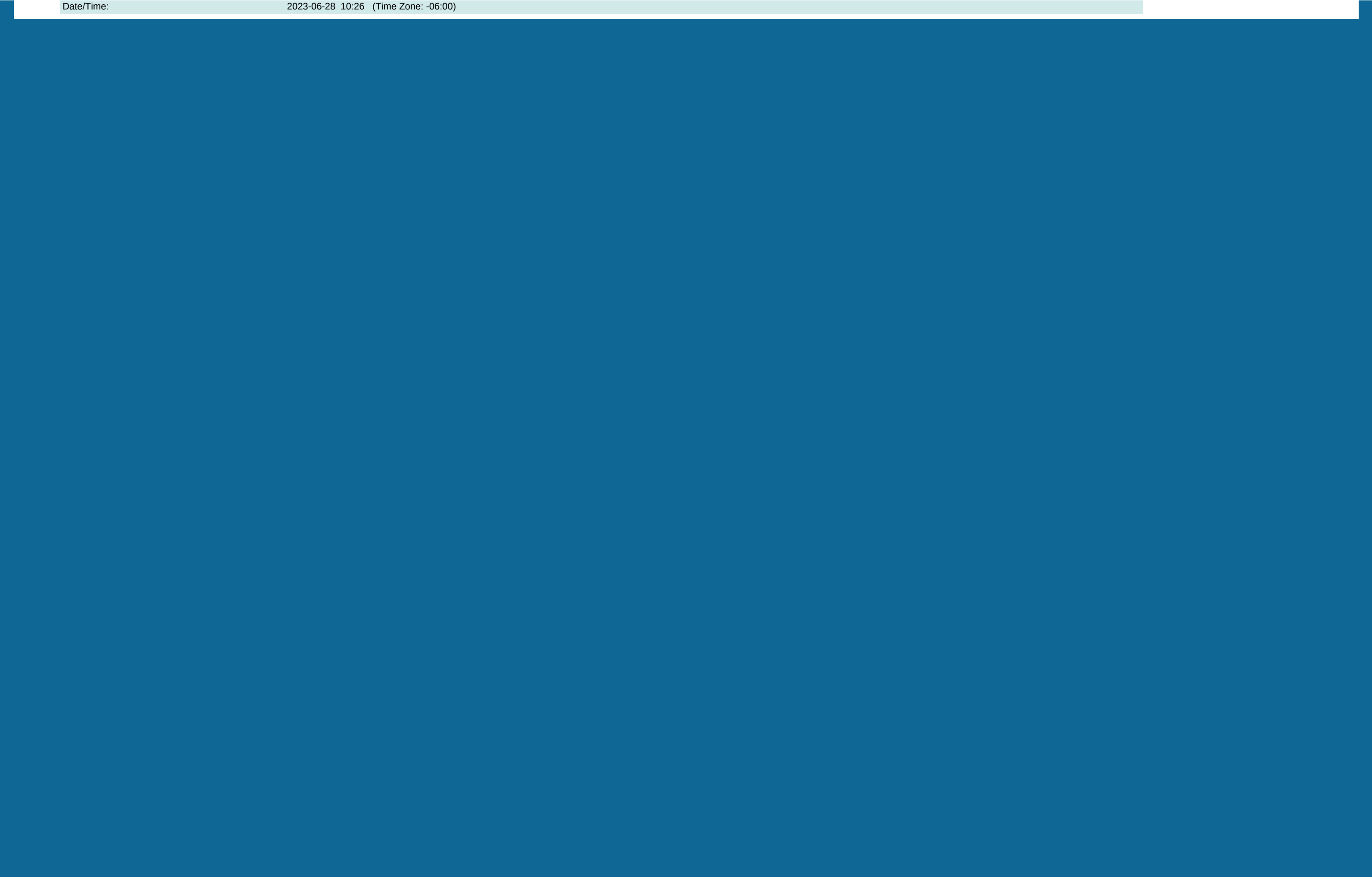
MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com



DMR Copy of Record

Permit

Permit #:

CO0027154

Major:

Yes

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
APX 20 MI SW OF STEAMBOAT SPGS
ROUTT COUNTY, CO 80467

Permitted Feature:

MON
External Outfall

Discharge:

MON-5
MINE 1, POND D TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 05/01/23 to 05/31/23

DMR Due Date:

06/28/23

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample							<	0.4		<	0.4	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample							<	40.0		<	40.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	1.0		<	1.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	0.2		<	0.2	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	16.0		<	16.0	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample							=	8.31		=	8.31	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG			Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	GR - GRAB
					Value NODI															

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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.

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User:

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Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2023-06-27 13:00 (Time Zone: -06:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

