

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
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 12/01/19 to 12/31/19

DMR Due Date:

01/28/20

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:	2020-01-24 07:58 (Time Zone: -07:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-01-28 12:15 (Time Zone: -07:00)

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Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
ROUTT COUNTY, CO 80467

Permitted Feature:

002
External Outfall

Discharge:

002-Q
Quarterly Monitoring for 002A

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

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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			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														
					Permit Req.								Req Mon QRTR AVG		Req Mon QRTR MAX	11 - umho/cm		01/90 - Quarterly	GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample														
					Permit Req.								Req Mon QRTR AVG		Req Mon QRTR MAX	19 - mg/L		01/90 - Quarterly	CA - CALCTD
					Value NODI								C - No Discharge		C - No Discharge				

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Name:

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mblomquist@peabodyenergy.com

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Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
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 12/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

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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:

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Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.3			=	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								=	13.0	=	21.0	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								<	0.5	<	0.5	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								=	155.0	=	280.0	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				
					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	=	0.018	=	0.018	03 - MGD								0	01/07 - Weekly	IN - INSTAN	
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD											
					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

Approved permit modification allows for flow monitoring on a instantaneous 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:	2020-01-24 09:15 (Time Zone: -07:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-01-28 12:15 (Time Zone: -07:00)

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CO0027154

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Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

MINES 1&2 AND ECKMAN PARK MINE

Facility Location:

29515 RCR #27
ROUTT COUNTY, CO 80467

Permitted Feature:

003
External Outfall

Discharge:

003-Q
Quarterly Monitoring for 003A

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

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Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading			Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type			
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	1 - Effluent Gross	0	--	Sample							=	4930.0	=	5220.0	11 - umho/cm		01/07 - Weekly	GR - GRAB
					Permit Req.								Req Mon QTRT AVG		Req Mon QTRT MAX	11 - umho/cm	0	01/90 - Quarterly	GR - GRAB
					Value NODI														
03582	Oil and grease	1 - Effluent Gross	0	--	Sample														
					Permit Req.									<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NODI										9 - Conditional Monitoring - Not Required This Period				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample							=	4790.0	=	5072.0	19 - mg/L		01/07 - Weekly	CA - CALCTD
					Permit Req.								Req Mon QTRT AVG		Req Mon QTRT MAX	19 - mg/L	0	01/90 - Quarterly	CA - CALCTD
					Value NODI														
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								01/90 - Quarterly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1								01/90 - Quarterly	VI - VISUAL
					Value NODI														

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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:

2020-01-24 09:48 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)

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Permit

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Major:

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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
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 12/01/19 to 12/31/19

DMR Due Date:

01/28/20

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											

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

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User:

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Permitted Feature:

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External Outfall

Discharge:

004-Q
Quarterly Monitoring for 004A

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Status:

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Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

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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			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														
					Permit Req.								Req Mon QRTR AVG		Req Mon QRTR MAX	11 - umho/cm		01/90 - Quarterly	GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample														
					Permit Req.								Req Mon QRTR AVG		Req Mon QRTR MAX	19 - mg/L		01/90 - Quarterly	CA - CALCTD
					Value NODI								C - No Discharge		C - No Discharge				

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Name:

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Date/Time:

2020-01-24 07:57 (Time Zone: -07:00)

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Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.0			=	8.5	12 - SU	0	01/07 - Weekly	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								=	10.25	=	13.0	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									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	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								=	110.0	=	170.0	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	=	0.093	=	0.151	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																

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

Approved permit modification to monitor flow on an instantaneous 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:	2020-01-24 10:01 (Time Zone: -07:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-01-28 12:15 (Time Zone: -07:00)

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
ROUTT COUNTY, CO 80467

Permitted Feature:

005
External Outfall

Discharge:

005-Q
Quarterly Monitoring for 005A

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	1 - Effluent Gross	0	--	Sample								=	5291.0		5520.0	11 - umho/cm		01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	11 - umho/cm	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample								<	400.0		400.0	19 - mg/L		01/90 - Quarterly	GR - GRAB
					Permit Req.								<=	3500.0 QRTR AVG		7000.0 QRTR MAX	19 - mg/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
01045	Iron, total [as Fe]	O - See Comments	0	--	Sample															
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI									9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample								<	50.0		50.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	28 - ug/L	0	01/90 - Quarterly	GR - GRAB
					Value NODI															
03582	Oil and grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.										<=	10.0 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
					Value NODI											9 - Conditional Monitoring - Not Required This Period				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	4958.0		5172.0	19 - mg/L		01/07 - Weekly	CA - CALCTD
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	19 - mg/L	0	01/90 - Quarterly	CA - CALCTD
					Value NODI															
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample		=		0.0	9P - N=0;Y=1									01/07 - Weekly	VI - VISUAL
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1								0	01/90 - Quarterly	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

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-24 10:15 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)

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
ROUTT COUNTY, CO 80467

Permitted Feature:

005
External Outfall

Discharge:

005-W
ACUTE WET TESTING 005A

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SEE PART I.A.4 FOR DETAILS OF TESTPROCEDURE. REPORT LOWEST DILUTION(% EFFLUENT) WHICH IS LETHAL TO 50%OF TEST ORGANISMS (LC50) 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	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI						=	100.0					23 - %	01/90 - Quarterly	GR - GRAB
											>=	100.0 MN VALUE					23 - %		
																		01/90 - 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

Attachments

Name	Type	Size
84November2019CDPHE_DM_WET.pdf	pdf	87896.0

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-24 10:36 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)

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
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 12/01/19 to 12/31/19

DMR Due Date:

01/28/20

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: --

Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.7			=	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								<	11.0	<	20.0	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								<	0.5	<	0.5	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								=	220.0	=	340.0	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					
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	=	0.017	=	0.028	03 - MGD								0	01/07 - Weekly	IN - INSTAN RC - Recorder (auto)	
					Permit Req.		Req Mon 30DA AVG		Req Mon DAILY MX	03 - MGD											
					Value NODI																
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample			=	0.0	9P - N=0;Y=1								0	01/07 - Weekly	VI - VISUAL	
					Permit Req.				Req Mon INST MAX	9P - N=0;Y=1											

[illegible]

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
ROUTT COUNTY, CO 80467

Permitted Feature:

006
External Outfall

Discharge:

006-Q
Quarterly Monitoring for 006A

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units
00094	Conductivity	1 - Effluent Gross	0	--	Sample								=	4813.0	=	5100.0	11 - umho/cm	0	01/07 - Weekly	GR - GRAB
					Permit Req.								Req Mon QRTR AVG		Req Mon QRTR MAX	11 - umho/cm	01/90 - Quarterly		GR - GRAB	
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	676.0	=	4955.0	19 - mg/L	0	01/07 - Weekly	CA - CALCTD
					Permit Req.								Req Mon QRTR AVG		Req Mon QRTR MAX	19 - mg/L	01/90 - Quarterly		CA - CALCTD	
					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:

2020-01-24 11:01 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)

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
ROUTT COUNTY, CO 80467

Permitted Feature:

007
External Outfall

Discharge:

007-A
MINE 1, POND F TO FOIDEL CREEK

Report Dates & Status

Monitoring Period:

From 12/01/19 to 12/31/19

DMR Due Date:

01/28/20

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														02/30 - Twice Per Month	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00530	Solids, total suspended	O - See Comments	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG		Req Mon DAILY MX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample														99/99 - Continuous	RC - Recorder (auto)
					Permit Req.	<=	2.97 30DA AVG		Req Mon DAILY MX	03 - MGD										
					Value NODI		C - No Discharge		C - No Discharge											

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-24 07:57 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)

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
ROUTT COUNTY, CO 80467

Permitted Feature:

007
External Outfall

Discharge:

007-Q
Quarterly Monitoring for 007A

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	11 - umho/cm			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	O - See Comments	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	28 - ug/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	O - See Comments	0	--	Sample														01/90 - Quarterly	GR - GRAB
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	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				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	CA - CALCTD
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
84066	Oil and grease visual	1 - Effluent Gross	0	--	Sample														01/90 - Quarterly	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:

2020-01-24 07:57 (Time Zone: -07:00)

Report Last Signed By

User:

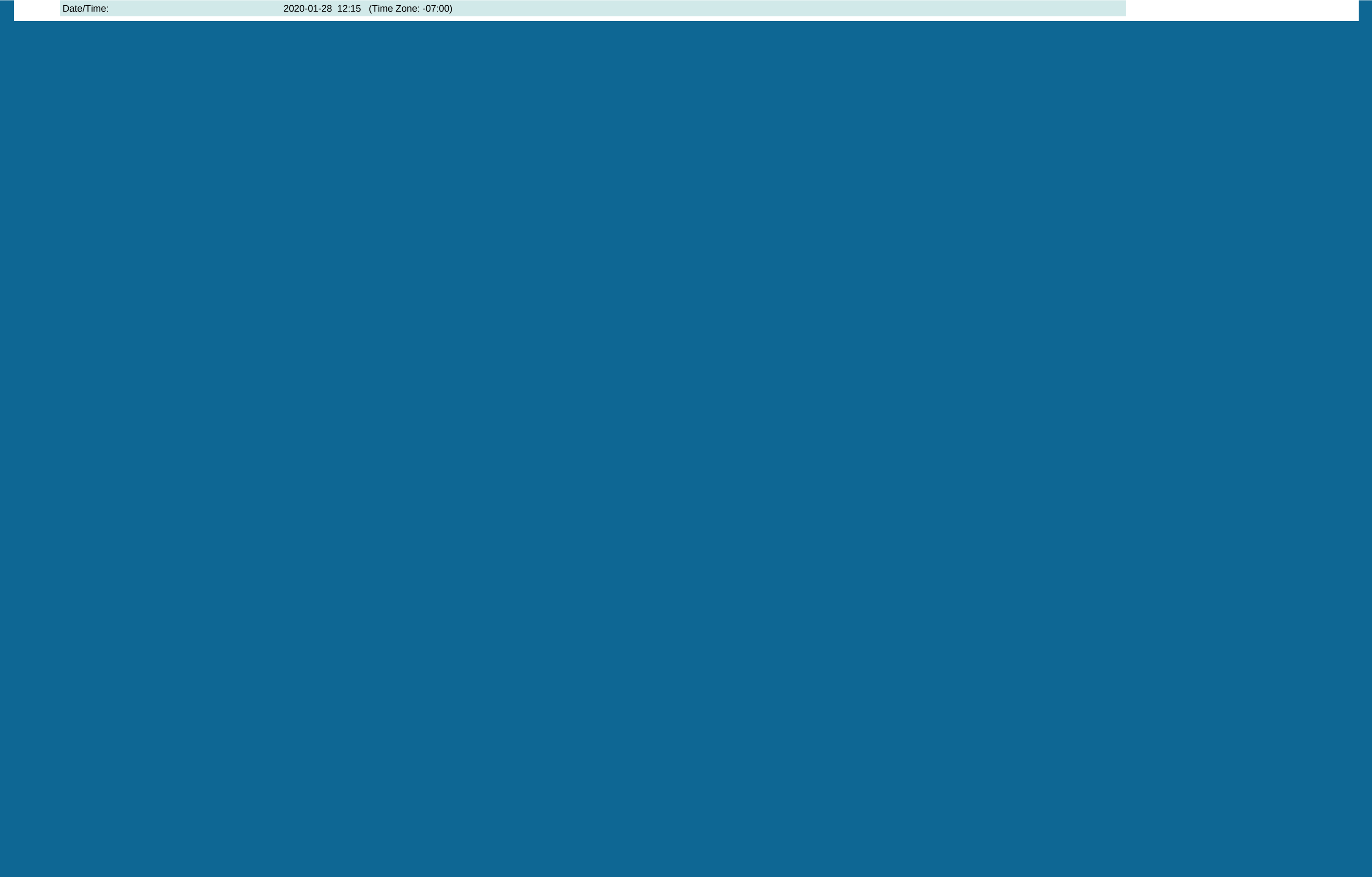
MBLOMQUIST@PEABODYENERGY.COM

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
ROUTT COUNTY, CO 80467

Permitted Feature:

007
External Outfall

Discharge:

007-W
ACUTE WET TESTING FOR 007A

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SEE PART I.A.4 FOR DETAILS OF TESTPROCEDURE. REPORT LOWEST DILUTION(% EFFLUENT) WHICH IS LETHAL TO 50%OF TEST ORGANISMS (LC50) 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	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
TAM3C	LC50 Static Renewal 48Hr Acute Daphnia magna	1 - Effluent Gross	0	--	Sample													01/90 - Quarterly	GR - GRAB
					Permit Req.						>=	100.0 MN VALUE					23 - %		
					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:

2020-01-24 07:56 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)

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
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 12/01/19 to 12/31/19

DMR Due Date:

01/28/20

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:	2020-01-24 07:56 (Time Zone: -07:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-01-28 12:15 (Time Zone: -07:00)

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
ROUTT COUNTY, CO 80467

Permitted Feature:

008
External Outfall

Discharge:

008-Q
Quarterly Monitoring for 008A

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														
					Permit Req.								Req Mon QRTR AVG		Req Mon QRTR MAX	11 - umho/cm		01/90 - Quarterly	GR - GRAB
					Value NODI								C - No Discharge		C - No Discharge				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample														
					Permit Req.								Req Mon QRTR AVG		Req Mon QRTR MAX	19 - mg/L		01/90 - Quarterly	CA - CALCTD
					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

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-24 07:55 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)

DMR Copy of Record

Permit

Permit #:	CO0027154	Permittee:	Twentymile Coal LLC	Facility:	MINES 1&2 AND ECKMAN PARK MINE
Major:	Yes	Permittee Address:	29515 Routt CR 27 Oak Creek, CO 80467	Facility Location:	29515 RCR #27 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 12/01/19 to 12/31/19	DMR Due Date:	01/28/20	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:	--
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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								=	1.1	=	1.1	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI												Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample								<	50.0	<	50.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI												Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI												Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	0.7	=	0.7	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI												Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	47.0	=	47.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI												Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample								=	2.3	=	2.3	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req. Value NODI												Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample								<	1.0	<	1.0	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Permit Req. Value NODI												Req Mon 30DA AVG		Req Mon DAILY MX	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

Twentymile Coal LLC

User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-01-24 10:43 (Time Zone: -07:00)

Report Last Signed By

User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-01-28 12:15 (Time Zone: -07:00)

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
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 12/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
01002	Arsenic, total [as As]	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					Value NODI									C - No Discharge		C - No Discharge			
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample													01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L		
					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

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-24 07:54 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)

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
ROUTT COUNTY, CO 80467

Permitted Feature:

MON
External Outfall

Discharge:

MON-7Q
Quarterly Monitoring for MON7

Report Dates & Status

Monitoring Period:

From 10/01/19 to 12/31/19

DMR Due Date:

01/28/20

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon QRTR AVG		Req Mon QRTR MAX	28 - ug/L		01/90 - Quarterly	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-24 07:54 (Time Zone: -07:00)

Report Last Signed By

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-01-28 12:15 (Time Zone: -07:00)