

DMR Copy of Record

Permit

Permit #:

CO0036684

Major:

No

Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

FISH CREEK TIPPLE

Facility Location:

29515 ROUTT CR 27
OAK CREEK, CO 80467

Permitted Feature:

001
External Outfall

Discharge:

001-A
POND "E" DISCHARGE TO FISH CRK

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

TSS LIMIT WILL BE WAIVED FOR 10YR,24HR PRECIP EVENT - SEE BURDEN OF PROOF REQUIREMENTS UNDER I.A.4, PG 5.OIL & GREASE - SEE I.B.2. 30 DAY AVERAGE IS HIGHEST MONTHLY AVG. DURING PERIOD REPORTED - SEE I.C.13.

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						=	7.1			=	8.2	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								<	20.0	<	20.0	19 - mg/L	0	03/30 - Three Per Month	GR - GRAB
					Permit Req.								<=	35.0 30DA AVG	<=	70.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.5	<	0.5	25 - mL/L	0	03/30 - Three Per Month	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	25 - mL/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample								=	285.0			28 - ug/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	1000.0 30DA AVG			28 - ug/L		02/30 - Twice Per Month	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				
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.012	=	0.018	03 - MGD								0	01/07 - Weekly	IN - INSTAN
					Permit Req.	<=	0.46 30DA AVG		Req Mon DAILY MX	03 - MGD									01/07 - Weekly	IN - INSTAN
					Value NODI															
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	4050.0	=	4324.0	19 - mg/L	0	01/07 - Weekly	CA - CALCTD
					Permit Req.									Req Mon QRTR AVG		Req Mon DAILY MX	19 - mg/L		01/90 - Quarterly	CA - CALCTD
					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									02/30 - Twice Per Month	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 13:07 (Time Zone: -07:00)

Report Last Signed By

User:

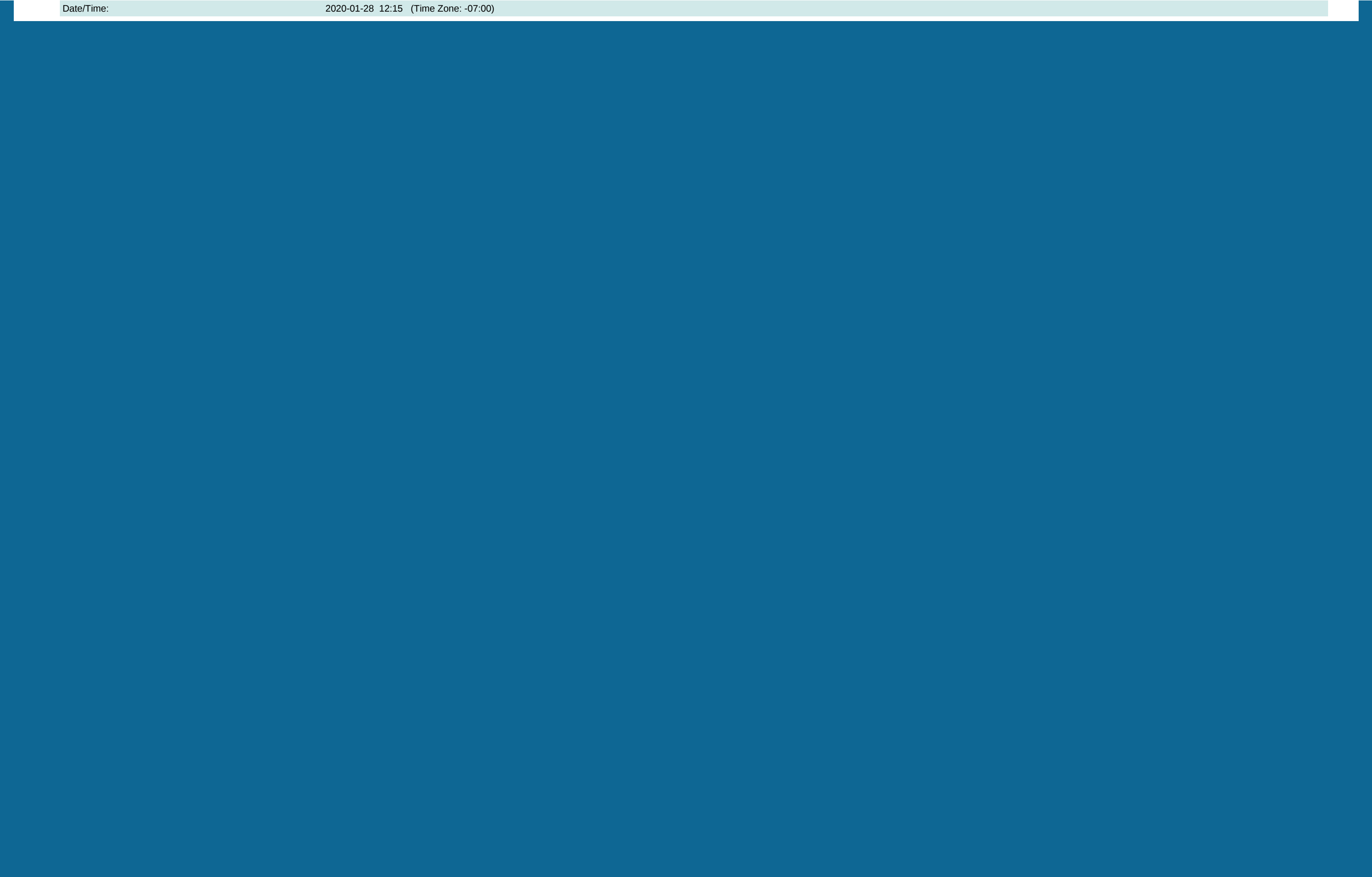
MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com



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Facility:

FISH CREEK TIPPLE

Facility Location:

29515 ROUTT CR 27
OAK CREEK, CO 80467

Permitted Feature:

001
External Outfall

Discharge:

001-X
CHRONIC WET TESTING FOR 001A

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 OF PERMIT FOR DETAILS OF TEST PROCEDURE. RPT LOWEST %AT WHICH STATISTICALLY SIGNIF DIFFBTWN TEST & CONT USING TEST CODE "S". RPT IC25 USING TEST CODE "P".ATTACH CHRONIC TOX TEST RPT TO DMR.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
62November2019CDPHE_CD_WET.pdf	pdf	112513.0
62November2019CDPHE_FH_WET.pdf	pdf	109081.0

Report Last Saved By

Twentymile Coal LLC

User:

Name:

E-Mail:

Date/Time:

MBLOMQUIST@PEABODYENERGY.COM

Miranda Kawcak

mblomquist@peabodyenergy.com

2020-01-24 12:25 (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

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CO0036684

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Permittee:

Twentymile Coal LLC

Permittee Address:

29515 Routt CR 27
Oak Creek, CO 80467

Facility:

FISH CREEK TIPPLE

Facility Location:

29515 ROUTT CR 27
OAK CREEK, CO 80467

Permitted Feature:

01Y
External Outfall

Discharge:

01Y-X
CHRONIC WET TESTING FOR 001A

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 I.A.4 FOR DETAILS OF TEST PROCEDURE. IF THERE IS A STAT DIFF RPTRESULTS ON THIS OUTFALL. IF NOT,RPT "NO DISCHARGE" & COMPLETE OUTFALL 001X. RPT LOWEST % AT WHICH STATISTICALLY SIGNIF DIFF BETWEEN TEST& CONT USING TEST CODE "S". RPT IC25 USING TEST CODE "P". ATTACH CHRON TOX TEST RPT 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			
61426	Toxicity [chronic], Ceriodaphnia dubia	P - See Comments	0	--	Sample					=		74.22					2G - tox chronic	0	01/90 - Quarterly	G3 - GRAB-3
					Permit Req.							Req Mon MO AV MN					2G - tox chronic		01/90 - Quarterly	G3 - GRAB-3
					Value NODI															
61426	Toxicity [chronic], Ceriodaphnia dubia	S - See Comments	0	--	Sample					=		88.37					2G - tox chronic	0	01/90 - Quarterly	G3 - GRAB-3
					Permit Req.							Req Mon MN VALUE					2G - tox chronic		01/90 - Quarterly	G3 - GRAB-3
					Value NODI															
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	P - See Comments	0	--	Sample					>		100.0					2G - tox chronic	0	01/90 - Quarterly	G3 - GRAB-3
					Permit Req.							Req Mon MO AV MN					2G - tox chronic		01/90 - Quarterly	G3 - GRAB-3
					Value NODI															
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	S - See Comments	0	--	Sample					>		100.0					2G - tox chronic	0	01/90 - Quarterly	G3 - GRAB-3
					Permit Req.							Req Mon MN VALUE					2G - tox chronic		01/90 - Quarterly	G3 - GRAB-3
					Value NODI															
TCP3B	%Effect Static Renewal 7 Day Chronic Ceriodaphnia dubia	P - See Comments	0	--	Sample					>		100.0					23 - %	0	01/90 - Quarterly	G3 - GRAB-3
					Permit Req.							Req Mon MO AV MN					23 - %		01/90 - Quarterly	G3 - GRAB-3
					Value NODI															
TCP3B	%Effect Static Renewal 7 Day Chronic Ceriodaphnia dubia	S - See Comments	0	--	Sample					>		100.0					23 - %	0	01/90 - Quarterly	G3 - GRAB-3
					Permit Req.					>=		100.0 MO AV MN					23 - %		01/90 - Quarterly	G3 - GRAB-3
					Value NODI															
TCP6C	%Effect Statre 7Day Chronic Pimephales	P - See Comments	0	--	Sample					>		100.0					23 - %	0	01/90 - Quarterly	G3 - GRAB-3
					Permit Req.							Req Mon MO AV MN					23 - %		01/90 - Quarterly	G3 - GRAB-3
					Value NODI															
TCP6C	%Effect Statre 7Day Chronic Pimephales	S - See Comments	0	--	Sample					>		100.0					23 - %	0	01/90 - Quarterly	G3 - GRAB-3
					Permit Req.					>=		100.0 MN VALUE					23 - %		01/90 - Quarterly	G3 - GRAB-3
					Value NODI															

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
62November2019CDPHE_CD_WET.pdf	pdf	112513.0
62November2019CDPHE_FH_WET.pdf	pdf	109081.0

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Twentymile Coal LLC

User:

Name:

E-Mail:

Date/Time:

MBLOMQUIST@PEABODYENERGY.COM

Miranda Kawcak

mblomquist@peabodyenergy.com

2020-01-24 12:26 (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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Major:

CO0036684
No

Permittee:
Permittee Address:

Twentymile Coal LLC
29515 Routt CR 27
Oak Creek, CO 80467

Facility:
Facility Location:

FISH CREEK TIPPLE
29515 ROUTT CR 27
OAK CREEK, CO 80467

Permitted Feature:

MON
External Outfall

Discharge:

MON-1
POND "E" DISCHARGE TO FISH CRK

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

AFTER 12 MONTHLY SAMPLES HAVE BEEN TAKEN, PERMITTEE MAY REQUEST THAT A REASONABLE POTENTIAL ANALYSIS BE CONDUCTED.

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							<	5.0	<	5.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01303	Zinc, potentially dissolved	1 - Effluent Gross	0	--	Sample							<	300.0	<	300.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01304	Silver, potentially dissolved	1 - Effluent Gross	0	--	Sample							<	3.0	<	3.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01306	Copper, potentially dissolved	1 - Effluent Gross	0	--	Sample							<	10.0	<	10.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01313	Cadmium, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	1.0	<	1.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01314	Chromium, trivalent, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	10.0	<	10.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01318	Lead, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	3.0	<	3.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01319	Manganese, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	300.0	<	300.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01322	Nickel, potentially dissolvd	1 - Effluent Gross	0	--	Sample							<	200.0	<	200.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
01323	Selenium, potentially dissolvd	1 - Effluent Gross	0	--	Sample							=	2.3	=	2.3	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample							<	1.0	<	1.0	28 - ug/L		01/30 - Monthly	GR - GRAB
					Permit Req.								Req Mon 30DA AVG		Req Mon DAILY MX	28 - ug/L	0	01/30 - Monthly	GR - GRAB
					Value NODI														

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

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Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-01-24 12:16 (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)