

DMR Copy of Record

Permit

Permit #:

CO0042161

Major:

No

Permittee:

Twentymile Coal Company

Permittee Address:

29515 CR 27
Oak Creek, CO 80467

Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27
OAK CREEK, CO 80467

Permitted Feature:

001
External Outfall

Discharge:

001-A
POND DISCHARGE TO FISH CREEK

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

OIL & GREASE GRAB SAMPLE REQUIERD IF VISIBLE SHEEN IS OBSERVED - SEE I.C.18. SALINITY MONITORING - SEEI.B.2. QTRTRY SAMPLING INSTRUCTIONS - I.C.10. REPORT RESULTS ON MARCH, JUNE, SEPT. AND DEC DRMS. 30DAY AVG IS HIGHEST MONTHLY AVG DURING PERIOD REPORTED

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form 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 Company

User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-27 07:51 (Time Zone: -06:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2020-07-28 16:04 (Time Zone: -06:00)

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CO0042161

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Twentymile Coal Company

Permittee Address:

29515 CR 27
Oak Creek, CO 80467

Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27
OAK CREEK, CO 80467

Permitted Feature:

001
External Outfall

Discharge:

001-W
ACUTE WET TESTING FOR 001A

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

SEE PART I.A.4, PP 6-8 FOR DETAILSO F TEST PROCEDURE. REPORT LC50 -STAT. POINT ESTIMATE WHICH IS LETHALTO 50% OF TEST ORGANISMS AND ATTACH ACUTE TOXICITY REPORT FORM TO DMR.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI:

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Comments

Attachments

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Oak Creek, CO 80467

Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27
OAK CREEK, CO 80467

Permitted Feature:

002
External Outfall

Discharge:

002-A
DOMESTIC WASTE TO EMERALD SPGS

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

NetDMR Validated

Considerations for Form Completion

30 DAY AVG IS HIGHEST MONTHLY AVERAGE DURING PERIOD REPORTED. OIL & GREASE GRAB SAMPLE REQUIRED IFVISIBLE SHEEN IS OBSERVED.

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			
00154	Sulfate [as S]	1 - Effluent Gross	0	--	Sample								=	109.0		19 - mg/L		0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	250.0 30DA AVG		19 - mg/L			01/30 - Monthly	GR - GRAB
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	1.94	=	2.99	26 - lb/d			=	21.0	=	23.0	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.	<=	3.8 30DA AVG	<=	5.6 MX 7D AV	26 - lb/d			<=	30.0 30DA AVG	<=	45.0 MX 7D AV	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
X 00400	pH	1 - Effluent Gross	0	--	Sample						=	8.4			=	9.0	12 - SU	4	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	46.0	=	48.0	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.								<=	75.0 30DA AVG	<=	110.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample								=	0.18			19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	10.0 30DA AVG			19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00940	Chloride [as Cl]	1 - Effluent Gross	0	--	Sample								=	29.8			19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	250.0 30DA AVG			19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.006	=	0.016	03 - MGD								0	01/01 - Daily	IN - INSTAN
					Permit Req.	<=	0.015 30DA AVG		Req Mon DAILY MX	03 - MGD									01/01 - Daily	IN - INSTAN
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								=	0.0	=	0.0	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Permit Req.									Req Mon 30DA AVG	<=	0.5 DAILY MX	19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample								=	15.0			13 - #/100mL	0	01/30 - Monthly	GR - GRAB
					Permit Req.									Req Mon 30DA GM			13 - #/100mL		01/30 - Monthly	GR - GRAB
					Value NODI															
74055	Coliform, fecal general	P - See	0	--	Sample												13 - #/100mL		01/YR - Annual	CA - CALCTD
					Permit Req.								<=	2.2 ANNL AVG						

		Comments			Value NODI									9 - Conditional Monitoring - Not Required This Period					
Submission Note																			
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Edit Check Errors																			
Parameter		Monitoring Location	Field	Type	Description	Acknowledge													
Code	Name																		
00400	pH	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. (Error Code: 1)	Yes													
Comments																			
Outfall did not discharge during the last week of May and all of June. Outfall exceeded pH due to algae bloom, pH went down and out fall has not discharged since.																			
Attachments																			
No attachments.																			
Report Last Saved By																			
Twentymile Coal Company																			
User:			MBLOMQUIST@PEABODYENERGY.COM																
Name:			Miranda Kawcak																
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Date/Time:			2020-07-27 18:04 (Time Zone: -06:00)																
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Facility:

FOIDEL CREEK MINE

Facility Location:

29515 CR 27
OAK CREEK, CO 80467

Permitted Feature:

300
Influent Structure

Discharge:

300-I
INFLUENT MEASUREMENTS

Report Dates & Status

Monitoring Period:

From 04/01/20 to 06/30/20

DMR Due Date:

07/28/20

Status:

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Considerations for Form Completion

INFLUENT SAMPLES MUST BE COLLECTED, ANALYZED AND REPORTED MONTHLY REGARDLESS OF WHETHER AN EFFLUENTDISCHARGE OCCURS. HYDRAULIC CAPACITY = 0.015 MGD; ORGANIC CAPACITY = 31.2 LBS BOD-5/DAY.

Principal Executive Officer

First Name:

Last Name:

Title:

Telephone:

No Data Indicator (NODI)

Form NODI: --

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Comments

Attachments

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Twentymile Coal Company

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:

Miranda Kawcak

E-Mail:

mblomquist@peabodyenergy.com

Date/Time:

2020-07-27 17:37 (Time Zone: -06:00)

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Permitted Feature:

MON
External Outfall

Discharge:

MON-1
POND DISCHARGE TO FISH CREEK

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User: MBLOMQUIST@PEABODYENERGY.COM
Name: Miranda Kawcak
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Report Last Signed By

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Date/Time: 2020-07-28 16:04 (Time Zone: -06:00)