

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 10/01/22 to 12/31/22

DMR Due Date:

01/28/23

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: --

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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00980	Iron, total recoverable	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
Comments						
Iron exceedance is due to an anomaly in the sample data from 11/2/2022 sample event. Sample prior to this was 297 ug/L and the week following the 11/2/2022 sample was <120 ug/L.						
Attachments						
No attachments.						
Report Last Saved By						
Twentymile Coal LLC						
User:		MBLOMQUIST@PEABODYENERGY.COM				
Name:		Miranda Kawcak				
E-Mail:		mblomquist@peabodyenergy.com				
Date/Time:		2023-01-26 13:54 (Time Zone: -07:00)				
Report Last Signed By						
User:		MBLOMQUIST@PEABODYENERGY.COM				
Name:		Miranda Kawcak				
E-Mail:		mblomquist@peabodyenergy.com				
Date/Time:		2023-01-26 22:00 (Time Zone: -07:00)				

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Permit

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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-X
CHRONIC WET TESTING FOR 001A

Report Dates & Status

Monitoring Period:

From 10/01/22 to 12/31/22

DMR Due Date:

01/28/23

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

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
62_2022CDPHE_CD_November.pdf	pdf	33003.0
62December2022CDPHE_FH.pdf	pdf	23231.0

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-01-26 12:39 (Time Zone: -07:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-01-26 22:00 (Time Zone: -07:00)

COLORADO - CDPS WET TEST REPORT FORM - CHRONIC

PERMITTEE: Twentymile CoalCDPS NO. **CO-0036684**

OUTFALL: 2000-62

TEST TYPE: ROUTINE XX ACCELERATED ____TEST SPECIES: C. dubia

TEST RESULTS	LETHALITY	GROWTH	STATISTICAL METHOD
Concentration w/ Statistical Difference	>100%	95.13%	Fisher's/Dunnett's
Pass/Fail	Pass	N/A	
IC ₂₅	>100%	90.53%	Bootstrap
Pass/Fail	Pass	N/A	

TEST TIME & DATESTART11/30/2022
2:00 PMEND12/7/2022
2:00 PM

DILUTION (% EFFLUENT)

MEASUREMENTS	CONTROL	6.50%	13.00%	25.00%	50.00%	100%
Day 1 % Survival	100	100	100	100	100	100
Day 2	100	100	100	100	100	100
Day 3	100	100	100	100	100	100
Day 4	100	100	100	100	100	100
Day 5	100	100	100	100	100	100
Day 6	100	100	100	100	100	100
Day 7	100	100	100	100	100	100
Mean 3 Brood Total	38.3	37.9	38.8	41.2	37.9	35.2
pH (Maximum/Minimum)	7.03-7.18	7.09-7.22	7.13-7.28	7.21-7.35	7.25-7.40	7.29-7.48

RECEIVING WATER USED FOR DILUTION? **NO**WERE ALL TEST CONDITIONS IN CONFORMANCE WITH DIVISION GUIDELINES? **YES**

IF NO, LIST ALL DEVIATIONS: _____

HARDNESS (MG/L) EFFLUENT: **2250-2270**MHW WATER: **80.4**ALKALINITY (MG/L) EFFLUENT: **427-431**MHW WATER: **80.7**T. AMMONIA (MG/L) INITIAL EFFLUENT: **<1.0**T.RESIDUAL CHLORINE (MG/L) EFFLUENT: **<0.1**LABORATORY: **ENVIRO-CHEM ANALYTICAL, INC.**ANALYST: Liese K. Thompson

DMR Copy of Record

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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:

01Y
External Outfall

Discharge:

01Y-X
CHRONIC WET TESTING FOR 001A

Report Dates & Status

Monitoring Period:

From 10/01/22 to 12/31/22

DMR Due Date:

01/28/23

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: --

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
62_2022CDPHE_CD_November.pdf	pdf	33003.0
62December2022CDPHE_FH.pdf	pdf	23231.0

Report Last Saved By

Twentymile Coal LLC

User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-01-26 12:42 (Time Zone: -07:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-01-26 22:00 (Time Zone: -07:00)

COLORADO - CDPS WET TEST REPORT FORM - CHRONIC

PERMITTEE: **Twentymile Coal**CDPS NO. **CO-0036684**

OUTFALL: 2000-62

TEST TYPE: ROUTINE XX ACCELERATED _____TEST SPECIES: **P. promelas**

TEST RESULTS	LETHALITY	GROWTH	STATISTICAL METHOD
Concentration w/ Statistical Difference	>100%	>100%	Fisher's Exact/Dunnett's
Pass/Fail	Pass	N/A	
IC ₂₅	>100%	>100%	Bootstrap
Pass/Fail	Pass	N/A	

TEST TIME & DATESTART30-Nov-2022
2:00 PMEND7-Dec-2022
2:00 PM

DILUTION (% EFFLUENT)

MEASUREMENTS	CONTROL	6.50%	13.00%	25.00%	50.00%	100%
Day 1 % Survival	100	100	100	100	100	100
Day 2	100	100	100	100	100	100
Day 3	100	100	100	100	100	100
Day 4	100	100	100	100	100	100
Day 5	100	100	100	100	100	100
Day 6	100	100	100	100	100	100
Day 7	100	100	100	100	100	100
7 Day Mean Dry Weight	0.338	0.364	0.355	0.328	0.347	0.35
pH (Maximum/Minimum)	7.03-7.18	7.09-7.22	7.13-7.28	7.21-7.35	7.25-7.40	7.29-7.48

RECEIVING WATER USED FOR DILUTION? **NO**WERE ALL TEST CONDITIONS IN CONFORMANCE WITH DIVISION GUIDELINES? **YES**

IF NO, LIST ALL DEVIATIONS: _____

HARDNESS (MG/L): EFFLUENT: **2250-2270**MHW WATER: **80.4**ALKALINITY (MG/L): EFFLUENT: **427-431**MHW WATER: **80.7**T. AMMONIA (MG/L): INITIAL EFFLUENT: **<1.0**T.RESIDUAL CHLORINE (MG/L): EFFLUENT: **<0.1**LABORATORY: **ENVIRO-CHEM ANALYTICAL, INC.**ANALYST: **Liese K. Thompson**

COLORADO - CDPS WET TEST REPORT FORM - CHRONIC

PERMITTEE: **Twentymile Coal**CDPS NO. **CO-0036684**

OUTFALL: 2000-62

TEST TYPE: ROUTINE XX ACCELERATED _____TEST SPECIES: **P. promelas**

TEST RESULTS	LETHALITY	GROWTH	STATISTICAL METHOD
Concentration w/ Statistical Difference	>100%	>100%	Fisher's Exact/Dunnett's
Pass/Fail	Pass	N/A	
IC ₂₅	>100%	>100%	Bootstrap
Pass/Fail	Pass	N/A	

TEST TIME & DATESTART30-Nov-2022
2:00 PMEND7-Dec-2022
2:00 PM

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Day 3	100	100	100	100	100	100
Day 4	100	100	100	100	100	100
Day 5	100	100	100	100	100	100
Day 6	100	100	100	100	100	100
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COLORADO - CDPS WET TEST REPORT FORM - CHRONIC

PERMITTEE: Twentymile CoalCDPS NO. **CO-0036684**

OUTFALL: 2000-62

TEST TYPE: ROUTINE XX ACCELERATED ____TEST SPECIES: C. dubia

TEST RESULTS	LETHALITY	GROWTH	STATISTICAL METHOD
Concentration w/ Statistical Difference	>100%	95.13%	Fisher's/Dunnett's
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IC ₂₅	>100%	90.53%	Bootstrap
Pass/Fail	Pass	N/A	

TEST TIME & DATESTART11/30/2022
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Day 3	100	100	100	100	100	100
Day 4	100	100	100	100	100	100
Day 5	100	100	100	100	100	100
Day 6	100	100	100	100	100	100
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Major:

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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:

MON
External Outfall

Discharge:

MON-1
POND "E" DISCHARGE TO FISH CRK

Report Dates & Status

Monitoring Period:

From 10/01/22 to 12/31/22

DMR Due Date:

01/28/23

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: --

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: 2023-01-26 14:07 (Time Zone: -07:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM
Name: Miranda Kawcak
E-Mail: mblomquist@peabodyenergy.com
Date/Time: 2023-01-26 22:00 (Time Zone: -07:00)