

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 10/01/23 to 12/31/23

DMR Due Date:

01/28/24

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

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:	2024-01-25 10:36 (Time Zone: -07:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2024-01-29 12:35 (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: **C. dubia**

TEST RESULTS	LETHALITY	GROWTH	STATISTICAL METHOD
Concentration w/ Statistical Difference	>100%	93.07%	Fisher's/Dunnett's
Pass/Fail	Pass	N/A	
IC ₂₅	>100%	88.65%	Bootstrap
Pass/Fail	Pass	N/A	

TEST TIME & DATESTART10/10/2023
2:00 PMEND10/17/2023
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	27.5	32.3	36.1	30.8	32.7	40.1
pH (Maximum/Minimum)	7.05-7.16	7.11-7.25	7.23-7.39	7.29-7.48	7.36-7.55	7.44-7.71

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: **2410-2470**MHW WATER: **80.6**ALKALINITY (MG/L): EFFLUENT: **461-482**MHW WATER: **81.7**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 CoalCDPS 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 & DATESTART10-Oct-2023
2:00 PMEND17-Oct-2023
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	95	100	100	100	100	100
Day 7	95	100	100	100	100	100
7 Day Mean Dry Weight	0.328	0.379	0.344	0.356	0.337	0.36
pH (Maximum/Minimum)	7.05-7.16	7.11-7.25	7.23-7.39	7.29-7.48	7.36-7.55	7.44-7.71

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

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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 10/01/23 to 12/31/23

DMR Due Date:

01/28/24

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_2023CDPHE_CD_October.pdf	pdf	112417.0
62October2023CDPHE_FH.pdf	pdf	109038.0

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2024-01-25 10:26 (Time Zone: -07:00)
Report Last Signed By	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2024-01-29 12:35 (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: **C. dubia**

TEST RESULTS	LETHALITY	GROWTH	STATISTICAL METHOD
Concentration w/ Statistical Difference	>100%	93.07%	Fisher's/Dunnett's
Pass/Fail	Pass	N/A	
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Pass/Fail	Pass	N/A	

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2:00 PMEND10/17/2023
2:00 PM

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Day 1 % Survival	100	100	100	100	100	100
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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
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pH (Maximum/Minimum)	7.05-7.16	7.11-7.25	7.23-7.39	7.29-7.48	7.36-7.55	7.44-7.71

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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: *P. promelas*

TEST RESULTS	LETHALITY	GROWTH	STATISTICAL METHOD
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IC ₂₅	>100%	>100%	Bootstrap
Pass/Fail	Pass	N/A	

TEST TIME & DATESTART10-Oct-2023
2:00 PMEND17-Oct-2023
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	95	100	100	100	100	100
Day 7	95	100	100	100	100	100
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pH (Maximum/Minimum)	7.05-7.16	7.11-7.25	7.23-7.39	7.29-7.48	7.36-7.55	7.44-7.71

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: **2410-2470**MHW WATER: **80.6**ALKALINITY (MG/L): EFFLUENT: **461-482**MHW WATER: **81.7**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**

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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 10/01/23 to 12/31/23

DMR Due Date:

01/28/24

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

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
62_2023CDPHE_CD_October.pdf	pdf	112417.0
62October2023CDPHE_FH.pdf	pdf	109038.0

Report Last Saved By

Twentymile Coal LLC

User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2024-01-25 10:27 (Time Zone: -07:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2024-01-29 12:35 (Time Zone: -07:00)

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Major:

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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:

MON
External Outfall

Discharge:

MON-1
POND "E" DISCHARGE TO FISH CRK

Report Dates & Status

Monitoring Period:

From 10/01/23 to 12/31/23

DMR Due Date:

01/28/24

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

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Edit Check Errors

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Comments

Attachments

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Report Last Saved By

Twentymile Coal LLC

User: MBLOMQUIST@PEABODYENERGY.COM
Name: Miranda Kawcak
E-Mail: mblomquist@peabodyenergy.com
Date/Time: 2024-01-25 10:40 (Time Zone: -07:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM
Name: Miranda Kawcak
E-Mail: mblomquist@peabodyenergy.com
Date/Time: 2024-01-29 12:35 (Time Zone: -07:00)