

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 01/01/23 to 03/31/23

DMR Due Date:

04/28/23

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

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: 2023-04-28 09:37 (Time Zone: -06:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM
Name: Miranda Kawcak
E-Mail: mblomquist@peabodyenergy.com
Date/Time: 2023-04-28 13:28 (Time Zone: -06:00)

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Facility:

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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 01/01/23 to 03/31/23

DMR Due Date:

04/28/23

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

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
62March2023CDPHE_FH.pdf	pdf	84139.0
62_2023CDPHE_CD_March.pdf	pdf	86585.0

Report Last Saved By

Twentymile Coal LLC

User:

MBLOMQUIST@PEABODYENERGY.COM

Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-04-28 13:10 (Time Zone: -06:00)
<i>Report Last Signed By</i>	
User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-04-28 13:28 (Time Zone: -06:00)

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 & DATESTART3/30/2023
12:45 PMEND4/6/2023
12:45 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	41.2	43.9	40.8	44.7	41.3	37.5
pH (Maximum/Minimum)	7.05-7.22	7.11-7.31	7.16-7.39	7.20-7.48	7.24-7.61	7.26-7.79

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: **2310-2340**MHW WATER: **80.5**ALKALINITY (MG/L) EFFLUENT: **448-456**MHW WATER: **81.3**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 & DATESTART30-Mar-2023
12:45 PMEND6-Apr-2023
12:45 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	0.34	0.356	0.371	0.349	0.343	0.351
pH (Maximum/Minimum)	7.05-7.19	7.11-7.26	7.16-7.28	7.20-7.35	7.24-7.42	7.26-7.53

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: **2310-2340**MHW WATER: **80.5**ALKALINITY (MG/L) EFFLUENT: **448-456**MHW WATER: **81.3**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 01/01/23 to 03/31/23

DMR Due Date:

04/28/23

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

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
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62_2023CDPHE_CD_March.pdf	pdf	86585.0

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User:	MBLOMQUIST@PEABODYENERGY.COM
Name:	Miranda Kawcak
E-Mail:	mblomquist@peabodyenergy.com
Date/Time:	2023-04-28 13:11 (Time Zone: -06:00)
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User:	MBLOMQUIST@PEABODYENERGY.COM
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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 01/01/23 to 03/31/23

DMR Due Date:

04/28/23

Status:

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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: --

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User: MBLOMQUIST@PEABODYENERGY.COM
Name: Miranda Kawcak
E-Mail: mblomquist@peabodyenergy.com
Date/Time: 2023-04-28 09:47 (Time Zone: -06:00)

Report Last Signed By

User: MBLOMQUIST@PEABODYENERGY.COM
Name: Miranda Kawcak
E-Mail: mblomquist@peabodyenergy.com
Date/Time: 2023-04-28 13:28 (Time Zone: -06:00)