

COLORADO - CDPS WET TEST REPORT FORM - CHRONIC

PERMITTEE: **Ruby Trust Mine**CDPS NO. **CO-0037206**OUTFALL: **001**TEST TYPE: ROUTINE XX ACCELERATED _____TEST SPECIES: **C. dubia**

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

TEST TIME & DATESTART13-Jun-22
2:00 PMEND20-Jun-22
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	28.5	33.4	40.1	29.7	32.3	35
pH (Maximum/Minimum)	7.10-7.19	7.22-7.45	7.36-7.68	7.45-7.81	7.64-7.99	7.81-8.23

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: **152-158**MHW WATER: **80.3**ALKALINITY (MG/L) EFFLUENT: **48-55**MHW WATER: **80.5**T. AMMONIA (MG/L) INITIAL EFFLUENT: **<1.0**FINAL 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

OUTFALL: 001

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	

<u>TEST TIME & DATE</u>	<u>START</u>	<u>13-Jun-22</u>	<u>END</u>	<u>20-Jun-22</u>
		2:00 PM		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	0.319	0.333	0.355	0.367	0.341	0.322
pH (Maximum/Minimum)	7.10-7.19	7.22-7.45	7.36-7.68	7.45-7.81	7.64-7.99	7.81-8.23

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: **152-158**

MHW WATER: 80.3

ALKALINITY (MG/L) EFFLUENT: **48-55**

MHW WATER: 80.5

T. AMMONIA (MG/L) INITIAL EFFLUENT: **<1.0**

FINAL EFFLUENT: <1.0

T.RESIDUAL CHLORINE (MG/L) EFFLUENT: **<0.1**

LABORATORY: ENVIRO-CHEM ANALYTICAL, INC.

ANALYST: Liese K. Thompson