

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 & DATE

START

11-Jun-24
10:30 AM

END

18-Jun-24
10:30 AM

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	31.6	38.3	35	32.2	36.9	34.7
pH (Maximum/Minimum)	7.03-7.16	7.04-7.28	7.04-7.36	7.03-7.29	7.05-7.31	7.06-7.38

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: **138-144**

MHW WATER: 80.5

ALKALINITY (MG/L) EFFLUENT: **52-57**

MHW WATER: 80.3

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

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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>11-Jun-24</u>	<u>END</u>	<u>18-Jun-24</u>
		10:30 AM		10:30 AM

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	0.288	0.326	0.355	0.332	0.294	0.316
pH (Maximum/Minimum)	7.03-7.16	7.04-7.28	7.04-7.36	7.03-7.29	7.05-7.31	7.06-7.38

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