

Effluent Toxicity Report Form- Chronic Pass/Fail and Acute LC50

Date 9/1/25

Facility NC WSTP NPDES# NC 0012345 Pipe # 001 County Wake

Laboratory Performing Test _____

X Sign here (123)456-7890 Comments Sample exceeded hold time due to shipping error. Retesting in September.

Signature of Operator in Responsible Charge _____ ORC Phone / Email _____

X _____

Signature of Laboratory Supervisor _____

Water Sciences Section
Division of Water Resources, NC DENR
1621 Mail Service Center
Raleigh, NC 27699-1621

MAIL ORIGINAL TO:

North Carolina *Ceriodaphnia* Chronic Pass/Fail Reproduction Toxicity Test

CONTROL ORGANISMS	1	2	3	4	5	6	7	8	9	10	11	12
# Young Produced												
Adult (L)ive (D)ead												

Effluent%

TREATMENT 2 ORGANISMS	1	2	3	4	5	6	7	8	9	10	11	12
# Young Produced												
Adult (L)ive (D)ead												

Chronic Test Results	
Calculated t	_____
Tabular t	_____
% Reduction	_____
% Mortality	Avg. Reprod.
Control	Control
Treatment 2	Treatment 2
Control CV	
% control organisms producing 3rd brood	
PASS	FAIL
Check One	

	1st sample	1st sample	2nd sample
pH Control	start end	start end	start end
pH Treatment 2	start end	start end	start end
D.O. Control	start end	start end	start end
D.O. Treatment 2	start end	start end	start end

Complete This For Either Test			Test Start Date	
Collection (Start) Date				
Sample 1	<u>8/26/25</u>	Sample 2	<u>1</u>	<u>1</u>
Sample Type/Duration				
	Grab	Comp	Duration	
Sample 1				
Sample 2				
			Dilution	
			1st Tox Sample	2nd Tox Sample (Pass/Fail Only)
Hardness(mg/l)				
Spec. Cond. (µmhos)				
Chlorine(mg/l)				
Sample temp. at receipt				

LC50/Acute Toxicity Test

(Mortality expressed as %, combining replicates)

%	%	%	%	%	%	%	%	%	%

Concentration

Mortality

LC50= _____ %	Method of Determination	
95% Confidence Limits	Moving Average ☐	Probit ☐
_____ % - _____ %	Spearman Karber ☐	Other _____

Organism Tested _____ Duration (hrs) _____

Note: Please Complete This Section Also

start/end	Control	start/end
start end	start end	start end
pH	High Conc.	D.O.

Example : Invalid test (using a shipping error as an example)