

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

Date \_\_\_\_\_

Facility \_\_\_\_\_ NPDES#NC \_\_\_\_\_ Pipe # \_\_\_\_\_ County \_\_\_\_\_

Laboratory Performing Test \_\_\_\_\_

X  
Signature of Operator in Responsible Charge \_\_\_\_\_ ORC Phone / Email \_\_\_\_\_

X  
Signature of Laboratory Supervisor \_\_\_\_\_

Comments \_\_\_\_\_

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 <input type="text"/>	<input type="checkbox"/> PASS <input type="checkbox"/> FAIL Check One
% control organisms producing 3rd brood <input type="text"/>	

pH	Control	1st sample	1st sample	2nd sample
	Treatment 2	<input type="text"/>	<input type="text"/>	<input type="text"/>
		start	end	start
		end	start	end
D.O.	Control	1st sample	1st sample	2nd sample
	Treatment 2	<input type="text"/>	<input type="text"/>	<input type="text"/>
		start	end	start
		end	start	end

**Complete This For Either Test** Test Start Date / /

Collection (Start) Date  
Sample 1 / / Sample 2 / /

Sample Type/Duration

	Grab	Comp.	Duration	Dilution	1st Tox Sample (Pass/Fail Only)	2nd Tox Sample (Pass/Fail Only)
Sample 1	<input type="text"/>	<input type="text"/>	<input type="text"/>			
Sample 2	<input type="text"/>	<input type="text"/>	<input type="text"/>			

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= \_\_\_\_\_ %

95% Confidence Limits \_\_\_\_\_ %- \_\_\_\_\_ %

**Method of Determination**

Moving Average  Probit

Spearman Karber  Other \_\_\_\_\_

Organism Tested \_\_\_\_\_ Duration (hrs) \_\_\_\_\_

Note: Please Complete This Section Also

start/end	Control	start/end
<input type="text"/>	<input type="text"/>	<input type="text"/>
High Conc.		
<input type="text"/>		<input type="text"/>
pH		D.O.