

Effluent Aquatic Toxicity Report Form/Phase II Chronic *Ceriodaphnia*

Facility _____	NPDES#: <u>NC</u>	Pipe# _____	County _____
Laboratory Performing Test _____		Comments _____ _____ _____	
x	x		
Signature of O.R.C. _____	Signature of Lab Supervisor _____		

Sample Information	Sample 1	Sample 2	Control
Collection Start Date			
Grab			
Composite (Duration)			
Hardness(mg/l)			
Spec.Cond.(µmhos/cm)			
Chlorine(mg/l)			
Sample temp. at receipt	°C	°C	

Test Information*	Start Date		End Date		Start Time	End Time
	Start	Renew1	Renew2	Start	Renew1	Renew2
Treatment	%	%	%	Control	Control	Control
pH Initial						
pH Final						
D.O. Initial						
D.O. Final						
Temp. Initial						
Temp. Final						

Organism#

		1	2	3	4	5	6	7	8	9	10	11	12	Mean
Control	# Young													
	Adult (L)ive (D)ead													
Effluent%	# Young													
	Adult (L)ive (D)ead													% Red†
Effluent%	# Young													
	Adult (L)ive (D)ead													% Red
Effluent%	# Young													
	Adult (L)ive (D)ead													% Red
Effluent%	# Young													
	Adult (L)ive (D)ead													% Red

Chronic Test Results	
Final Control Mortality %	_____
% Control 3rd Brood	_____
Control Repro CV	_____
48 Hour Mortality Control IWC	_____
of _____	of _____
Significant? <input type="checkbox"/> Y <input type="checkbox"/> N	
Final Mortality Significant @ _____%	or No Conc.

Reproduction Analysis:		
Repro. LOEC= _____%	NOEC= _____%	
Method: _____		
Normal Distrib? _____	Method: _____	
Statistic: _____	Critical: _____	
Equal Variances? _____	Method: _____	
Statistic: _____	Critical: _____	
Non-Parametric Analysis (if applicable):		
Method: _____		
Effluent %	Rank Sum	Critical Sum
_____	_____	_____
_____	_____	_____
_____	_____	_____
Overall Analysis:		
Result = PASS/FAIL or		
Test LOEC= _____%	NOEC= _____%	
Chronic Value= _____%		

MAIL TO:

ATT: Environmental Sciences Branch
 Div. of Water Quality
 N.C. DENR
 1621 Mail Service Center
 Raleigh, N.C. 27699-1621

*Should use highest test concentration or highest concentration with D.O. >5.0 mg/l

†% Reduction from Control Reproduction Mean