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

Facility _____ NPDES#: NC _____ Pipe#____ County_____

Laboratory Performing Test_____

x

Signature of O.R.C. | Phone / Email | Signature of Lab Supervisor

Comments _____

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
Effluent%	# Young													
	Adult (**L**)ive (**D**)ead													% Red

Chronic Test Results

Final Control Mortality %

% Control 3rd Brood

Control Repro CV

48 Hour Mortality

Control ____of____ IWC ____of____

Significant? Y 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:

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

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

†% Reduction from Control Reproduction Mean

DWQ form AT-3 revised 9/2014