

Table 4-8. Results of the Sediment Toxicity Tests^a

Location	Sampling Year	Hyallela 10-day ^b		Chironomid 10-day ^c		Hyallela 42-day ^c			
		Mean Survival (Percent)	Average Growth/day (mg/day)	Mean Survival (Percent)	Average Growth/day (mg/day)	Mean Survival (Percent)	Average Growth/day (mg/day)	Total Young Reproduction #	Young/Female Ave #
Fisherville Pond									
FP1	1999	80	0.02	--	--	--	--	--	--
FP1A	2001	--	--	83.8	0.057	61.3	0.007	26	0.8
FP2	1999	75	0.02	--	--	--	--	--	--
FP3A	1999	84	0.03	--	--	--	--	--	--
FP3A	2001	--	--	90	0.11	85	0.008	112	2.7
FP4	1999	80	0.02	--	--	--	--	--	--
FP4A	2001	--	--	1.3	0.15	0	--	0	0
FP5	1999	85	0.02	--	--	--	--	--	--
FP6	1999	83	0.03	--	--	--	--	--	--
FP7	1999	76	0.02	--	--	--	--	--	--
FP8	1999	76	0.03	--	--	--	--	--	--
FP9	1999	65	0.02	--	--	--	--	--	--
FP10	1999	78	0.02	--	--	--	--	--	--
FP11	1999	79	0.02	--	--	--	--	--	--
FP12	1999	73	0.03	--	--	--	--	--	--
Singing Pond									
SP1	1999	64	0.02	--	--	--	--	--	--
SP2	1999	38	0.02	--	--	--	--	--	--
SP3	1999	78	0.02	--	--	--	--	--	--
SP4	1999	19	0.01	--	--	--	--	--	--
SP5	2001	--	--	37.5	0.04	12.5	0.01	4	0.8
SP6	2001	--	--	17.5	0.06	3.8	0.01	0	0
Lake Wildwood									
RP1	1999	85	0.03	--	--	--	--	--	--
RP2	1999	93	0.03	--	--	--	--	--	--
RP2A	2001	--	--	85	0.15	83.8	0.006	89	2.7
Control Sediment									
	1999	86	0.02	68.8	0.19	92.5	0.0098	35.4	7.9

a. Bolded/shaded values are significantly different from the reference/control. For the Hyallela 42-day test, statistical comparisons were not conducted for the reproduction data.

b. Full results presented in Battelle (2000)

c. Full results presented in Appendix C.