

Appendix H. Table 1. Triclopyr - Phase II APMP Freshwater Results at Bear Creek, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	Species	TestDuration	Alkalinity	Chlorophyll a	Conductivity	DO	Hardness	pH	Total Nitrogen	Total Phosphorus	TSS	Nonylphenol	Nonylphenoxy/late	Triclopyr	Cell Count	Cell Count - Standard Error	Coefficient of Variation	Reproduction	Reproduction - Standard Error	Percent Survival	Percent Survival - Standard Error
										mg/L	mg/m3	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	individuals	individuals	%	neonates/adult	NR	%
H-01	Bear Creek	7/23/2003	Freshwater	Pre-App		Grab	Treated			30.2	<RL			26.5		e 0.34	e 0.047	10	<RL	ND	570	ND						
H-01	Bear Creek	7/23/2003	Freshwater	Pre-App		FieldBlank				<MDL	<RL			<RL		<MDL	<MDL	<RL	ND	ND	ND							
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days			10.4	8.4		7.17													
H-01	Bear Creek	7/23/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	WQ						7.17											100	0	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						7.17											SIGM 0	0	
H-01	Bear Creek	7/23/2003	Freshwater	Pre-App		Grab	Treated	Pimephales promelas	4 days						8.38											100	0	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						7.17											SIGM 0	0	
H-01	Bear Creek	7/23/2003	Freshwater	Pre-App		Grab	Treated	Selenastrum capricornutum	4 days						7.69							1445000	5.5	7.7				
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						7.17							SIGC 138000	0.6	8.1				
H-01	Bear Creek	7/23/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	7 days						8.40													
H-01	Bear Creek	7/23/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	7 days						7.17											27	0.83	
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Grab	Treated			30.1				26.5		e 0.38	e 0.0567	6.7	ND	ND	7.5					SIGR 11.5	1.31	
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Duplicate	Treated			29.7				26.5		e 0.36	e 0.0564	2.7										
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						8.40											100	0	
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Grab	Treated	Ceriodaphnia dubia	4 days						7.47											100	5.8	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						8.40											100	0	
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Duplicate	Treated	Ceriodaphnia dubia	4 days						7.20											100	0	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						8.38											100	0	
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Grab	Treated	Pimephales promelas	4 days						7.47											100	0	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						8.38											100	0	
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Duplicate	Treated	Pimephales promelas	4 days						7.20											97.5	2.5	
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						7.69							1445000	5.5	7.7				
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Grab	Treated	Selenastrum capricornutum	4 days						7.47							3139000	7.9	5				
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						7.69							1445000	5.5	7.7				
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Duplicate	Treated	Selenastrum capricornutum	4 days						7.20							3129000	3.5	2.2				
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Grab	Treated	Ceriodaphnia dubia	WQ						7.47													
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Duplicate	Treated	Ceriodaphnia dubia	WQ						7.20													
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days						8.40											27	0.83	
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Grab	Treated	Ceriodaphnia dubia	7 days						7.47											29	0.78	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days						8.40											27	0.83	
H-01	Bear Creek	7/23/2003	Freshwater	0	hours	Duplicate	Treated	Ceriodaphnia dubia	7 days						7.20											27	0.83	
H-02	Bear Creek	7/23/2003	Freshwater	2	hours	Grab	Treated			29.2				31.8		0.54	0.0684	13.4	<RL	185	250					29.2	0.94	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						8.40											100	0	
H-02	Bear Creek	7/23/2003	Freshwater	2	hours	Grab	Treated	Ceriodaphnia dubia	4 days						7.82											90	0	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						8.38											100	0	
H-02	Bear Creek	7/23/2003	Freshwater	2	hours	Grab	Treated	Pimephales promelas	4 days						7.82											100	0	
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						7.69							1445000	5.5	7.7				
H-02	Bear Creek	7/23/2003	Freshwater	2	hours	Grab	Treated	Selenastrum capricornutum	4 days						7.82							3162000	6.4	4				
H-02	Bear Creek	7/23/2003	Freshwater	2	hours	Grab	Treated	Ceriodaphnia dubia	WQ						7.82													
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days						8.40											27	0.83	
H-02	Bear Creek	7/23/2003	Freshwater	2	hours	Grab	Treated	Ceriodaphnia dubia	7 days						7.82											32.1	0.8	
H-02	Bear Creek	7/24/2003	Freshwater	24	hours	Grab	Treated			30.3	2.5			31.8		e 0.3	0.0685	e 1.6	<RL	2390	12							
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						8.40											100	0	
H-02	Bear Creek	7/24/2003	Freshwater	24	hours	Grab	Treated	Ceriodaphnia dubia	4 days						8.22											100	0	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						8.38											100	0	
H-02	Bear Creek	7/24/2003	Freshwater	24	hours	Grab	Treated	Pimephales promelas	4 days						8.22											100	0	
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						7.69							1445000	5.5	7.7				
H-02	Bear Creek	7/24/2003	Freshwater	24	hours	Grab	Treated	Selenastrum capricornutum	4 days						8.22							3204000	4.4	2.8				
H-02	Bear Creek	7/24/2003	Freshwater	24	hours	Grab	Treated	Ceriodaphnia dubia	WQ						8.22													
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days						8.40											27	0.83	
H-02	Bear Creek	7/24/2003	Freshwater	24	hours	Grab	Treated	Ceriodaphnia dubia	7 days						8.22											24.8	0.42	