

Appendix E. Table 1. Fluridone - Phase II APMP Porewater and Sediment Results at Big Bear Lake, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	Species	TestDuration	% Fines	% Gravel	% Sand	Percent Moisture	Percent Solids	TOC	Cu, dry wt	Cu, Dissolved	Nitrate/Nitrite as N	Total Kjeldahl Nitrogen	Fluridone	Mean Growth	Mean Growth - Standard Deviation	Mean root length	Mean shoot length	Seed Germination	Percent Survival	Percent Survival - Standard Deviation
										%	%	%	%	%	%	µg/g	mg/L	mg/kg	mg/kg	ppb	mg/individual	NR	mm	mm	%	%	NR
BBP-01	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated			6.2	2	91.8	41.8	58.2	1.1	8.2		ND	560	5.88							
BBP-01	Big Bear Lake	6/24/2003	Porewater	2	weeks	Integrated	Treated										<RL			0.18							
Control	Lab Control		Sediment	NA		Integrated	Reference	Typha latifolia	7 days														12.1	9.1	100		
BBP-01	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated	Typha latifolia	7 days														SIGL 8.4	SIGL 7.4	100		
BBP-01	Big Bear Lake	6/24/2003	Sediment	2	weeks	Duplicate	Treated	Typha latifolia	7 days														SIGL 8.4	SIGL 6.6	100		
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyalella azteca	10 days												0.138	0.042				94	0.05
BBP-01	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	10 days												0.156	0.035				SIGM 56	0.35
BBP-02	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated			67.5	0	32.5	88.3	11.7	6.6	51.4		ND	1100	300							
BBP-02	Big Bear Lake	6/24/2003	Porewater	2	weeks	Integrated	Treated										0.002			0.28							
BBP-02	Big Bear Lake	6/24/2003	Sediment	2	weeks	Duplicate	Treated			75.3	0	24.7	79.2	20.8	6.9	48.4		ND	880	19.3							
BBP-02	Big Bear Lake	6/24/2003	Porewater	2	weeks	Duplicate	Treated													0.29							
Control	Lab Control		Sediment	NA		Integrated	Reference	Typha latifolia	7 days														12.1	9.1	100		
BBP-02	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated	Typha latifolia	7 days														SIGL 8.7	SIGL 7.1	100		
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyalella azteca	10 days												0.138	0.042				94	0.05
BBP-02	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	10 days												SIGG 0.108	0.01				89	0.14
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyalella azteca	28 days												0.474	0.077				95	0.06
BBP-02	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	28 days												0.419	0.037				88	0.12
BBP-03	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated			29.7	0	70.3	71.2	28.8	5.6	30.5		ND	690	3.58							
BBP-03	Big Bear Lake	6/24/2003	Porewater	2	weeks	Integrated	Treated										0.0015			0.08							
BBP-03	Big Bear Lake	6/24/2003	Sediment	2	weeks	FieldBlank	Treated						16.9	83.1	ND	<RL		ND	ND	ND							
Control	Lab Control		Sediment	NA		Integrated	Reference	Typha latifolia	7 days														12.1	9.1	100		
BBP-03	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated	Typha latifolia	7 days														SIGL 9.7	SIGL 7.4	100		
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyalella azteca	10 days												0.138	0.042				94	0.05
BBP-03	Big Bear Lake	6/24/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	10 days												0.123	0.033				99	0.04
Control	Lab Control		Sediment	NA		Integrated	Reference	Typha latifolia	7 days														12.1	9.1	100		
BBC-01	Big Bear Lake	6/25/2003	Sediment	Pre-App		Integrated	Reference	Typha latifolia	7 days														SIGL 9.3	SIGL 7.5	100		
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyalella azteca	10 days												0.138	0.042				94	0.05
BBC-01	Big Bear Lake	6/25/2003	Sediment	Pre-App		Integrated	Reference	Hyalella azteca	10 days												0.174	0.04				70	0.41
BBC-01	Big Bear Lake	6/25/2003	Sediment	2	weeks	Integrated	Reference			34.4	0	65.6	71.1	28.9	5.1	19.6		ND	1200	19.7							
BBC-01	Big Bear Lake	6/25/2003	Porewater	2	weeks	Integrated	Reference										0.0013			0.17							
BBE-01	Big Bear Lake	6/25/2003	Sediment	2	weeks	Integrated	Treated			64.4	0	35.6	80.1	19.9	7.6	27.1		ND	1000	41.3							
BBE-01	Big Bear Lake	6/25/2003	Porewater	2	weeks	Integrated	Treated													0.99							
BBE-01	Big Bear Lake	6/25/2003	Sediment	2	weeks	Duplicate	Treated						77.8	22.2		29.9		ND	1100	31.9							
Control	Lab Control		Sediment	NA		Integrated	Reference	Typha latifolia	7 days														12.1	9.1	100		
BBE-01	Big Bear Lake	6/25/2003	Sediment	2	weeks	Integrated	Treated	Typha latifolia	7 days														10.8	SIGL 7.1	100		
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyalella azteca	10 days												0.138	0.042				94	0.05
BBE-01	Big Bear Lake	6/25/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	10 days												0.158	0.043				SIGM 59	0.37
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyalella azteca	28 days												0.474	0.077				95	0.06
BBE-01	Big Bear Lake	6/25/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	28 days												0.448	0.03				95	0.08
BBE-02	Big Bear Lake	6/25/2003	Sediment	2	weeks	Integrated	Treated			75	0	25	87.2	12.8	10	39.5		ND	1100	83.7							
BBE-02	Big Bear Lake	6/25/2003	Porewater	2	weeks	Integrated	Treated													1.24							
BBE-02	Big Bear Lake	6/25/2003	Sediment	2	weeks	Duplicate	Treated			69	0	31															
BBE-02	Big Bear Lake	6/25/2003	Porewater	2	weeks	Duplicate	Treated																				
Control	Lab Control		Sediment	NA		Integrated	Reference	Typha latifolia	7 days														12.1	9.1	100		
BBE-02	Big Bear Lake	6/25/2003	Sediment	2	weeks	Integrated	Treated	Typha latifolia	7 days														11.3	7.8	97.8		
Control	Lab Control		Sediment	NA		Integrated	Reference	Typha latifolia	7 days														12.1	9.1	100		
BBE-02	Big Bear Lake	6/25/2003	Sediment	2	weeks	Duplicate	Treated	Typha latifolia	7 days														SIGL 9.8	SIGL 7.9	93.3		
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyalella azteca	10 days												0.138	0.042				94	0.05
BBE-02	Big Bear Lake	6/25/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	10 days												0.176	0.082				SIGM 26	0.28