

Appendix B. Table 1. 2,4-D - Phase II APMP Porewater and Sediment Results at Stone Lake Wildlife Refuge, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	Species	TestDuration	% Fines	% Gravel	% Sand	Percent Moisture	Percent Solids	TOC	Nitrate/Nitrite as N	Total Kjeldahl Nitrogen	2,4-D	Nonyphenol	Nonyphenolethoxyate	Mean Growth	Mean Growth - Standard Deviation	Percent Survival	Percent Survival - Standard Deviation
SL2-01	Stone Lake Wildlife Refuge	9/8/2003	Sediment	Pre-App		Integrated	Treated			33.2	0.2	66.6	56.8	43.2	1.29	ND	1100	ND	ND	ND				
SL2-01	Stone Lake Wildlife Refuge	9/8/2003	Porewater	Pre-App		Integrated	Treated											<RL	ND	ND				
SL2-01	Stone Lake Wildlife Refuge	9/8/2003	Sediment	Pre-App		FieldBlank	Treated						19.9	80.1	0.06	ND	ND	<RL	ND	ND				
SL2-01	Stone Lake Wildlife Refuge	9/8/2003	Porewater	Pre-App		FieldBlank	Treated											<RL						
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyaella azteca	10 days												0.036	0.06	93	0.12
SL2-01	Stone Lake Wildlife Refuge	9/8/2003	Sediment	Pre-App		Integrated	Treated	Hyaella azteca	10 days												0.2575	0.05	91.25	0.17
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyaella azteca	10 days												0.2847	0.06	93	0.12
SL2-01	Stone Lake Wildlife Refuge	9/8/2003	Sediment	Pre-App		Duplicate	Treated	Hyaella azteca	10 days												SIGG 0.2166	0.04	73.13	0.46
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyaella azteca	28 days												0.7485	0.22	85.14	0.3
SL2-01	Stone Lake Wildlife Refuge	9/8/2003	Sediment	Pre-App		Integrated	Treated	Hyaella azteca	28 days												0.7276	0.09	93.75	0.09
SL2-02	Stone Lake Wildlife Refuge	9/8/2003	Sediment	Pre-App		Integrated	Treated			16.8	0	83.2	44.6	55.4	0.86	ND	690	ND	ND	ND				
SL2-02	Stone Lake Wildlife Refuge	9/8/2003	Porewater	Pre-App		Integrated	Treated																	
SL2-02	Stone Lake Wildlife Refuge	9/8/2003	Sediment	Pre-App		Duplicate	Treated						44.6	55.4	0.85	ND	650	ND	ND	ND				
SL2-02	Stone Lake Wildlife Refuge	9/8/2003	Porewater	Pre-App		Duplicate	Treated																	
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyaella azteca	10 days												0.2847	0.06	93	0.12
SL2-02	Stone Lake Wildlife Refuge	9/8/2003	Sediment	Pre-App		Integrated	Treated	Hyaella azteca	10 days												0.2783	0.18	86.25	0.31
SL2-01	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	FieldBlank	Treated									ND	ND							
SL2-01	Stone Lake Wildlife Refuge	9/22/2003	Porewater	2	weeks	FieldBlank	Treated																	
SL2-01	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	Integrated	Treated						37.3	62.7	0.63	ND	630		ND	ND				
SL2-01	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	Grab	Treated						40.5	59.5										
SL2-01	Stone Lake Wildlife Refuge	9/22/2003	Porewater	2	weeks	Integrated	Treated														0.49			
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyaella azteca	10 days												0.204	0.03	93.75	0.07
SL2-01	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	Integrated	Treated	Hyaella azteca	10 days												0.3857	0.12	96.25	0.07
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyaella azteca	28 days												0.6968	0.31	100	0
SL2-01	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	Integrated	Treated	Hyaella azteca	28 days												0.5584	0.12	97.5	0.05
SL2-02	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	Integrated	Treated						27.3	72.7	0.66	ND	390		ND	ND				
SL2-02	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	Grab	Treated						29.6	70.4							<RL			
SL2-02	Stone Lake Wildlife Refuge	9/22/2003	Porewater	2	weeks	Integrated	Treated														<RL			
SL2-02	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	Duplicate	Treated						29.4	70.6	0.24	ND	510	<RL	ND	ND				
SL2-02	Stone Lake Wildlife Refuge	9/22/2003	Porewater	2	weeks	Duplicate	Treated														<RL			
Control	Lab Control		Sediment	NA		Integrated	Reference	Hyaella azteca	10 days												0.204	0.03	93.75	0.07
SL2-02	Stone Lake Wildlife Refuge	9/22/2003	Sediment	2	weeks	Integrated	Treated	Hyaella azteca	10 days												0.2465	0.04	96.25	0.05
SL2-01	Stone Lake Wildlife Refuge	9/23/2003	Sediment	2	weeks	FieldBlank	Treated						13.5	86.5	0.05					ND	ND			