

Appendix D. Table 3. Diquat Dibromide - Phase II APMP Freshwater Results at 7 Mile Slough, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	Species	TestDuration	Alkalinity mg/L	Chlorophyll a mg/m3	Conductivity µS/cm	Conductivity µS/cm	DO mg/L	Hardness mg/L	pH	Total Kjeldahl Nitrogen mg/L	Total Nitrogen mg/L	Total Phosphorus mg/L	TSS mg/L	Diquat ug/L	Nonylphenol ug/L	Nonylphenolethoxyate ug/L	Cell Count individuals	Cell Count - Standard Error individuals	Reproduction neonates/adult	Reproduction - Standard Error NR	Percent Survival %	Percent Survival - Standard Error NR	Coefficient of Variation NR			
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	Pre-App		Grab	Treated			54.1	3.6						0.62	0.77	0.0489	4.5	13.8	<RL	25.4										
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	Pre-App		Duplicate	Treated				9.3																						
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	Control	66		210		8.5	120	8.50																	
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	WQ			259		8.3		8.20																	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days							8.50												100	0				
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	4 days							8.20												100	0				
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days							8.50											24.2	0.7	100				
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	7 days							8.20												28.9	1.26	100			
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days							8.40													100	0			
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	Pre-App		Grab	Treated	Pimephales promelas	4 days							8.20													100	0			
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days							8.30								1527000	11.1						14.5		
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	Pre-App		Grab	Treated	Selenastrum capricornutum	4 days							8.20								2770000	2.5						1.8		
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	1	hours	Grab	Treated			52.7				56.2		0.67	0.79	0.102	14.9	172	<RL	<RL											
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	1	hours	Duplicate	Treated			53.1				56.2		0.78	0.89	0.101	16.3	180	<RL	<RL											
7MILE-01	7 Mile Slough	8/12/2003	Freshwater	1	hours	FieldBlank	Treated			ND				ND		0.17	0.2	ND	ND	ND	<RL	7.4											
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	Control	66		210		8.5	120	8.50																	
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Grab	Treated	Ceriodaphnia dubia	WQ	59		153.2		8.2	60	8.4																	
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Duplicate	Treated	Ceriodaphnia dubia	WQ	62		155		8.6	56	8.40																	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days							8.50													100	0			
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Grab	Treated	Ceriodaphnia dubia	4 days							8.40													SIGM 0	0			
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days							8.40													SIGM 0	0			
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Grab	Treated	Pimephales promelas	4 days							8.40													100	0			
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days							8.40													97.5	2.5			
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Duplicate	Treated	Pimephales promelas	4 days							8.40													100	0			
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days							8.30								1527000	11.1							14.5	
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Grab	Treated	Selenastrum capricornutum	4 days							8.40								SIGC 63000	0.1							2.4	
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Duplicate	Treated	Selenastrum capricornutum	4 days							8.40								SIGC 74000	0.9							24.6	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days							8.50												24.2	0.7	100			
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Grab	Treated	Ceriodaphnia dubia	7 days							8.2												-88	-88	SIGM 0			
7MILE-02	7 Mile Slough	8/12/2003	Freshwater	1	hours	Duplicate	Treated	Ceriodaphnia dubia	7 days							8.40												-88	-88	SIGM 0			
7MILE-01	7 Mile Slough	8/13/2003	Freshwater	24	hours	Grab	Treated			53.6	5.3			56.7		0.53	0.73	0.0809	13.5	4.5	ND	69.7											
7MILE-01	7 Mile Slough	8/13/2003	Freshwater	24	hours	Duplicate	Treated			53.7				58.3		0.4	0.63	0.0617	4.1	4.33	<RL	<RL											
7MILE-03	7 Mile Slough	8/13/2003	Freshwater	24	hours	Grab	Treated	Ceriodaphnia dubia	WQ	59		158		8	56	8.40																	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days							8.40													100	0			
7MILE-03	7 Mile Slough	8/13/2003	Freshwater	24	hours	Grab	Treated	Ceriodaphnia dubia	4 days							8.40													100	0			
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days							8.40													100	0			
7MILE-03	7 Mile Slough	8/13/2003	Freshwater	24	hours	Grab	Treated	Pimephales promelas	4 days							8.40													100	0			
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days							8.40													97.5	2.5			
7MILE-03	7 Mile Slough	8/13/2003	Freshwater	24	hours	Duplicate	Treated	Pimephales promelas	4 days							8.40													97.5	2.5			
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days							8.10								975000	21.2							43.5	
7MILE-03	7 Mile Slough	8/13/2003	Freshwater	24	hours	Grab	Treated	Selenastrum capricornutum	4 days							8.40								1945000	12.8							13.2	
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days							8.40								2267000	10.7							9.4	
7MILE-03	7 Mile Slough	8/13/2003	Freshwater	24	hours	Grab	Treated	Ceriodaphnia dubia	7 days							8.40												20	3.7	100			
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days							8.40												34.1	0.92	100			
7MILE-03	7 Mile Slough	8/13/2003	Freshwater	24	hours	Duplicate	Treated	Ceriodaphnia dubia	7 days							8.40												33.2	0.55	100			