

Appendix D. Table 4. Diquat Dibromide - Phase II APMP Freshwater Results at Sand Bay Isle, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	TestDuration	Alkalinity	Conductivity	Ca, Dissolved	Mg, dissolved	Na, Dissolved	DO	Hardness	pH	Total Nitrogen	Total Phosphorus	TSS	Diquat	Nonylphenol	Nonylphenolethoxy/ate	Cell Count	Cell Count - Standard Error	Coefficient of Variation	Reproduction	Reproduction - Standard Error	Percent Survival	Percent Survival - Standard Error
									mg/L	µS/cm	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	ug/L	ug/L	ug/L	individuals	individuals	%	neonates/adult	NR	%	NR
SB-01	Sand Bay Isle	4/29/2003	Freshwater	Pre-App		Grab	Treated		235	35.8	24.9	144			NA	8.93	0.57	0.137	1.4	0.79	0.68	<RL							
SB-01	Sand Bay Isle	4/29/2003	Freshwater	Pre-App		FieldBlank	Treated		<RL	<RL	<RL	0.11	<RL				<RL	<RL	<RL	ND	NA	NA							
SB-01	Sand Bay Isle	4/29/2003	Freshwater	Pre-App		Grab	Treated	WQ		814				8.1		8.93													
Control	Lab Control		Freshwater			Grab	Reference	Ceriodaphnia dubia	4 days							8.01												100	0
SB-01	Sand Bay Isle	4/29/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	4 days							8.93												95	5
Control	Lab Control		Freshwater			Grab	Reference	Ceriodaphnia dubia	7 days							8.01												24.3	2.74
SB-01	Sand Bay Isle	4/29/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	7 days							8.93												32.9	1.1
Control	Lab Control		Freshwater			Grab	Reference	Pimephales promelas	4 days							8.02												97	3
SB-01	Sand Bay Isle	4/29/2003	Freshwater	Pre-App		Grab	Treated	Pimephales promelas	4 days							8.93												90	10
Control	Lab Control		Freshwater			Grab	Reference	Selenastrum capricornutum	4 days							8.30							1352000	7.4	10.9				
SB-01	Sand Bay Isle	4/29/2003	Freshwater	Pre-App		Grab	Treated	Selenastrum capricornutum	4 days							8.93							2775000	6	4.3				
SB-02	Sand Bay Isle	4/29/2003	Freshwater	1	hours	Duplicate	Treated		239	36.3	24.5	142				0.55	0.139	2.6	400	1.46	50.5								
SB-02	Sand Bay Isle	4/29/2003	Freshwater	1	hours	Duplicate	Treated		238	36.2	25.2	144				0.62	0.132	2.6	300	NA	NA								
SB-02	Sand Bay Isle	4/29/2003	Freshwater	1	hours	Grab	Treated	WQ		822				8.4		8.95													
Control	Lab Control		Freshwater			Grab	Reference	Ceriodaphnia dubia	4 days							8.01												100	0
SB-02	Sand Bay Isle	4/29/2003	Freshwater	1	hours	Grab	Treated	Ceriodaphnia dubia	4 days							8.95												SIGM	0
Control	Lab Control		Freshwater			Grab	Reference	Ceriodaphnia dubia	7 days							8.01												24.3	2.74
SB-02	Sand Bay Isle	4/29/2003	Freshwater	1	hours	Grab	Treated	Ceriodaphnia dubia	7 days							8.95												SIGR	SIGR
Control	Lab Control		Freshwater			Grab	Reference	Pimephales promelas	4 days							8.02												97	3
SB-02	Sand Bay Isle	4/29/2003	Freshwater	1	hours	Grab	Treated	Pimephales promelas	4 days							8.95												100	0
Control	Lab Control		Freshwater			Grab	Reference	Selenastrum capricornutum	4 days							8.30							1352000	7.4	10.9				
SB-02	Sand Bay Isle	4/29/2003	Freshwater	1	hours	Grab	Treated	Selenastrum capricornutum	4 days							8.95							SIGC 67000	0.1	SIGC 2.7				