Appendix E. Table 4. Fluridone - Phase II APMP Freshwater Results at Costa Ponds, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	Species	TestDuration	Alkalinity	Chlorophyll a	Conductivity	DO	Hardness	pH	Total Nitrogen	Total Phosphorus	TSS	Fluridone	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	pH	mg/L	mg/L	mg/L	ug/L	individuals	individuals	%	neonates/adult	NR	%	NR
CP-01	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Reference			72.9	55			58.2		0.91	0.072	9	<RL							
CP-01	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Reference	Ceriodaphnia dubia	WQ			148.1	7.4		8.23											
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						8.11										100	0
CP-01	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Reference	Ceriodaphnia dubia	4 days						8.23										82.7	6.8
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days						8.11								21.7	2.05	100	
CP-01	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Reference	Ceriodaphnia dubia	7 days						8.23								25.1	2.91	100	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						8.31										97.5	2.5
CP-01	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Reference	Pimephales promelas	4 days						8.23										97.5	2.5
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						8.06					1789000	10.2	11.4				
CP-01	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Reference	Selenastrum capricornutum	4 days						8.23					SIGC 1068000	6.6	12.3				
CP-03	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Treated			87.4	<RL			71.8		0.64	0.0538	6.4	0.05							
CP-03	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	WQ			166	8.2		8.80											
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						8.11										100	0
CP-03	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	4 days						8.80										100	0
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days						8.11								21.7	2.05	100	
CP-03	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	7 days						8.80								21.5	3.33	90	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						8.31										97.5	2.5
CP-03	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Treated	Pimephales promelas	4 days						8.80										92.5	2.5
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						8.06					1789000	10.2	11.4				
CP-03	Costa Ponds	6/17/2003	Freshwater	Pre-App		Grab	Treated	Selenastrum capricornutum	4 days						8.80					SIGC 1287000	9.2	14.3				
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Grab	Treated			87.9	9.1			70.8		0.54	<RL	5.8	7.2							
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Duplicate	Treated			90.2				69.8		0.54	<RL	5.9	1.34							
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	FieldBlank	Treated												<RL							
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Grab	Treated	Ceriodaphnia dubia	WQ			168	7.3		8.76											
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Duplicate	Treated	Ceriodaphnia dubia	WQ			169	7.7		8.84											
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						8.11										100	0
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Grab	Treated	Ceriodaphnia dubia	4 days						8.76										100	0
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days						8.11										100	0
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Duplicate	Treated	Ceriodaphnia dubia	4 days						8.84										100	0
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days						8.11								21.7	2.05	100	
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Grab	Treated	Ceriodaphnia dubia	7 days						8.76								24.7	1.51	100	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days						8.11								21.7	2.05	100	
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Duplicate	Treated	Ceriodaphnia dubia	7 days						8.84								23.9	1.68	100	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						8.31										97.5	2.5
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Grab	Treated	Pimephales promelas	4 days						8.76										97.5	2.5
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days						8.31										97.5	2.5
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Duplicate	Treated	Pimephales promelas	4 days						8.84										95	2.9
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						8.06					1789000	10.2	11.4				
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Grab	Treated	Selenastrum capricornutum	4 days						8.76					SIGC 54000	0.1	3				
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days						8.06					1789000	10.2	11.4				
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	Duplicate	Treated	Selenastrum capricornutum	4 days						8.84					SIGC 87000	0.5	11.8				
CP-03	Costa Ponds	6/17/2003	Freshwater	1	hours	FieldBlank	Treated			<RL				<RL		<RL	<RL	<RL								