Appendix C. Table 9. Copper - Phase II APMP Freshwater Results at Lake Bontempe, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	Species	TestDuration	Alkalinity	Chlorophyll a	Conductivity	Cu, Dissolved	Cu, Total	DO	Hardness	Total Ammonia	pH	Total Nitrogen	Total Phosphorus	TSS	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	mg/L	mg/L	mg/L N	pH	mg/L	mg/L	mg/L	individuals	individuals	%	neonates/adult	NR	%	NR
B-01	Lake Bontempe	5/22/2003	Freshwater	Pre-App		Grab	Treated	Oncorhynchus mykiss	WQ		<RL	117.3			10.2		ND	8.45										
B-01	Lake Bontempe	5/22/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	WQ			134.7			8.5			8.08										
Control	Lab Control	5/22/2003	Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days									7.97									90	5.8
B-01	Lake Bontempe	5/22/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	4 days									8.08									100	0
Control	Lab Control	5/22/2003	Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days									7.97							22.1	1.36	100	
B-01	Lake Bontempe	5/22/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	7 days									8.08							27.5	0.86	100	
Control	Lab Control	5/22/2003	Freshwater	NA		Grab	Reference	Pimephales promelas	4 days									8.16									100	0
B-01	Lake Bontempe	5/22/2003	Freshwater	Pre-App		Grab	Treated	Pimephales promelas	4 days									8.08									100	0
Control	Lab Control	5/22/2003	Freshwater	NA		Grab	Reference	Oncorhynchus mykiss	4 days																		100	
Control	Lab Control	5/22/2003	Freshwater	NA		Duplicate	Reference	Oncorhynchus mykiss	4 days																		100	
B-01	Lake Bontempe	5/22/2003	Freshwater	Pre-App		Grab	Treated	Oncorhynchus mykiss	4 days																		100	
Control	Lab Control	5/22/2003	Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days									8.02				1712000	5.3				6.2	
B-01	Lake Bontempe	5/22/2003	Freshwater	Pre-App		Grab	Treated	Selenastrum capricornutum	4 days									8.08				2029000	5.3	5.2				
B-02	Lake Bontempe	6/27/2003	Freshwater	Pre-App		Grab	Treated			NA	<RL		NA	0.0047		57.8			NA	NA	NA							
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Ceriodaphnia dubia	2 days																		90	
B-02	Lake Bontempe	6/27/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	2 days			123			8		<RL	7.85									90	
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Ceriodaphnia dubia	6 days																20.2		100	
B-02	Lake Bontempe	6/27/2003	Freshwater	Pre-App		Grab	Treated	Ceriodaphnia dubia	6 days									7.85							SIGR 2		89	
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Oncorhynchus mykiss	4 days																		100	
B-02	Lake Bontempe	6/27/2003	Freshwater	Pre-App		Grab	Treated	Oncorhynchus mykiss	4 days									7.85									100	
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	Grab	Treated			NA	<RL		NA	0.0271		57.8			NA	NA	NA							
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	Duplicate	Treated			NA			NA	0.0653		58.8			NA	NA	NA							
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	FieldBlank	Treated			NA			NA	<RL		< RL			NA	NA	NA							
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Ceriodaphnia dubia	2 days																		90	
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	Grab	Treated	Ceriodaphnia dubia	2 days									7.83									SIGM 0	
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Ceriodaphnia dubia	2 days																		90	
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	Duplicate	Treated	Ceriodaphnia dubia	2 days			123			8.3		<RL	7.84									SIGM 40	
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Ceriodaphnia dubia	6 days																20.2		100	
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	Grab	Treated	Ceriodaphnia dubia	6 days									7.83							0		SIGM 0	
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Ceriodaphnia dubia	6 days																20.2		100	
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	Duplicate	Treated	Ceriodaphnia dubia	6 days									7.84							2.6		SIGM 20	
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Oncorhynchus mykiss	4 days																		100	
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	Grab	Treated	Oncorhynchus mykiss	4 days									7.83									SIGM 15	
Control	Lab Control	6/27/2003	Freshwater	NA	NA	Grab	Reference	Oncorhynchus mykiss	4 days																		100	
B-02	Lake Bontempe	6/27/2003	Freshwater	0	hours	Duplicate	Treated	Oncorhynchus mykiss	4 days									7.84									SIGM 10	