

Appendix C. Table 10. Copper - Phase II APMP Freshwater Results at Lake Lagunitas, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	Species	TestDuration	Alkalinity	Chlorophyll a	Conductivity	Ca, Dissolved	Mg, dissolved	Na, Dissolved	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	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	%	neonates/adult	NR	%	NR			
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Grab	Reference			68.7	<RL		10	10.7	7.21		59.4		8.46	<RL	<RL	HE	<RL										
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Duplicate	Reference			62.5			128	9.74	10.7	7.63	10.2	58.4	ND	8.14	<RL	<RL	HE	<RL									
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Grab	Reference	Ceriodaphnia dubia	WQ			144.8				8.4			8.30														
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Duplicate	Reference	Ceriodaphnia dubia	WQ			146.7				8.5			8.30														
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days										7.97										90	5.8			
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Grab	Reference	Ceriodaphnia dubia	4 days										8.14											100	0		
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	4 days										7.97										90	5.8			
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Duplicate	Reference	Ceriodaphnia dubia	4 days										8.30										85	5			
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days										7.97											100			
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Grab	Reference	Ceriodaphnia dubia	7 days										8.14											30.9	0.98	100	
Control	Lab Control		Freshwater	NA		Grab	Reference	Ceriodaphnia dubia	7 days										7.97											22.1	1.36	100	
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Duplicate	Reference	Ceriodaphnia dubia	7 days										8.30											30.7	0.78	90	
Control	Lab Control		Freshwater	NA		Grab	Reference	Oncorhynchus mykiss	4 days																						100		
Control	Lab Control		Freshwater	NA		Duplicate	Reference	Oncorhynchus mykiss	4 days																						100		
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Grab	Reference	Oncorhynchus mykiss	4 days			128				10.5		ND	8.65													100	
Control	Lab Control		Freshwater	NA		Grab	Reference	Oncorhynchus mykiss	4 days																							100	
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Grab	Reference	Oncorhynchus mykiss	4 days																							100	
Control	Lab Control		Freshwater	NA		Grab	Reference	Oncorhynchus mykiss	4 days																							100	
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Duplicate	Reference	Oncorhynchus mykiss	4 days																							100	
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days										8.16													100	0
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Grab	Reference	Pimephales promelas	4 days										8.14													97.5	2.5
Control	Lab Control		Freshwater	NA		Grab	Reference	Pimephales promelas	4 days										8.16													100	0
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Duplicate	Reference	Pimephales promelas	4 days										8.30													100	0
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days										8.02					1712000	5.3	6.2							
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Grab	Reference	Selenastrum capricornutum	4 days										8.14					2119000	9.9	9.3							
Control	Lab Control		Freshwater	NA		Grab	Reference	Selenastrum capricornutum	4 days										8.02					1712000	5.3	6.2							
L-01	Lake Lagunitas	5/22/2003	Freshwater	Pre-App		Duplicate	Reference	Selenastrum capricornutum	4 days										8.30					1970000	5.8	5.9							