

Appendix C. Table 1. Copper - Phase II APMP Porewater and Sediment Results at Brynes Irrigation Canal, 2003.

StationCode	StationName	SampleDate	MediumName	ApplicationTime	Units	SampleTypeCode	StationTreatment	Species	TestDuration	% Fines	% Gravel	% Sand	Percent Moisture	Percent Solids	TOC	Cu, dry wt	Cu, Dissolved	Nitrate/Nitrite as N	Total Kjeldahl Nitrogen	Mean Growth	Mean Growth - Standard Deviation	Percent Survival	Percent Survival - Standard Deviation
										%	%	%	%	%	%	µg/g	mg/L	mg/kg	mg/kg	mg/individual	NR	%	NR
BC-01	Brynes Irrigation Canal	5/1/2003	Sediment	Pre-App		Integrated	Treated			80	0	20	61.9	38.1	2.8	897		ND	1500				
BC-01	Brynes Irrigation Canal	5/1/2003	Porewater	Pre-App		Integrated	Treated										0.161						
BC-01	Brynes Irrigation Canal	5/1/2003	Sediment	Pre-App		Duplicate	Treated			62.8	0.2	37	58.6	41.4	3.2	738		ND	130				
BC-01	Brynes Irrigation Canal	5/1/2003	Porewater	Pre-App		Duplicate	Treated										0.061						
Control	Lab Control		Sediment	NR		Integrated	Reference	Hyalella azteca	10 days											0.177	0.037	89	0.16
BC-01	Brynes Irrigation Canal	5/1/2003	Sediment	Pre-App		Integrated	Treated	Hyalella azteca	10 days											0.204	0.061	75	0.19
BC-01	Brynes Irrigation Canal	5/1/2003	Sediment	Pre-App		Duplicate	Treated	Hyalella azteca	10 days											0.208	0.078	74	0.18
Control	Lab Control		Sediment	NR		Integrated	Reference	Hyalella azteca	28 days											0.705	0.118	76	0.18
BC-01	Brynes Irrigation Canal	5/1/2003	Sediment	Pre-App		Integrated	Treated	Hyalella azteca	28 days											0.657	0.182	69	0.3
BC-02	Brynes Irrigation Canal	5/1/2003	Sediment	Pre-App		Integrated	Treated			74.5	1	24.5	40.6	59.4	1.2	234		ND	790				
BC-02	Brynes Irrigation Canal	5/1/2003	Porewater	Pre-App		Integrated	Treated										0.099						
BC-02	Brynes Irrigation Canal	5/1/2003	Sediment	Pre-App		FieldBlank	Treated						0.8	99.2									
Control	Lab Control		Sediment	NR		Integrated	Reference	Hyalella azteca	10 days											0.177	0.037	89	0.16
BC-02	Brynes Irrigation Canal	5/1/2003	Sediment	Pre-App		Integrated	Treated	Hyalella azteca	10 days											0.199	0.057	63	0.39
BC-01	Brynes Irrigation Canal	7/14/2003	Sediment	2	weeks	Integrated	Treated			83.1	0	16.9	69	31	3.6	609		ND	710				
BC-01	Brynes Irrigation Canal	7/14/2003	Porewater	2	weeks	Integrated	Treated										0.0135						
BC-01	Brynes Irrigation Canal	7/14/2003	Sediment	2	weeks	Duplicate	Treated			88.7	0	11.3	68.5	31.5	2.8	628		ND	890				
BC-01	Brynes Irrigation Canal	7/14/2003	Porewater	2	weeks	Duplicate	Treated										0.0104						
Control	Lab Control		Sediment	NR		Integrated	Reference	Hyalella azteca	10 days											0.253	0.092	88	0.24
BC-01	Brynes Irrigation Canal	7/14/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	10 days											SIGG 0.174	0.045	SIGM 58	0.3
BC-02	Brynes Irrigation Canal	7/14/2003	Sediment	2	weeks	Integrated	Treated			58.4	0	41.6	43	57	1.5	211		ND	600				
BC-02	Brynes Irrigation Canal	7/14/2003	Porewater	2	weeks	Integrated	Treated										0.0146						
BC-02	Brynes Irrigation Canal	7/14/2003	Sediment	2	weeks	FieldBlank	Treated						6.6	93.4		e 1.1		ND	ND				
BC-02	Brynes Irrigation Canal	7/14/2003	Porewater	2	weeks	FieldBlank	Treated										NA						
Control	Lab Control		Sediment	NR		Integrated	Reference	Hyalella azteca	10 days											0.253	0.092	88	0.24
BC-02	Brynes Irrigation Canal	7/14/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	10 days											SIGG 0.161	0.065	SIGM 35	0.41
BC-02	Brynes Irrigation Canal	7/14/2003	Sediment	2	weeks	Duplicate	Treated	Hyalella azteca	10 days											SIGG 0.103	0.026	SIGM 25	0.3
Control	Lab Control		Sediment	NR		Integrated	Reference	Hyalella azteca	28 days											0.526	0.049	94	0.07
BC-02	Brynes Irrigation Canal	7/14/2003	Sediment	2	weeks	Integrated	Treated	Hyalella azteca	28 days											SIGG 0.411	0.069	SIGM 19	0.27