

Metal	Acute Criterion	Database	Hardness mg/L CaCO <sub>3</sub>	Hardness mg/L CaCO <sub>3</sub>	Chronic Criterion	Hardness mg/L CaCO <sub>3</sub>	Hardness mg/L CaCO <sub>3</sub>						
<b>Using Entire Database</b>	<b>West Boise WWTF</b>	<b>April - September</b>	<b>Comparison of Criteria using all hardness data vs using new hardness data only</b>				<b>October - March</b>						
Copper			81	35.968	73	22.363	85	37.640	84	25.212			
Lead			81	105.121	73	3.655	85	110.818	84	4.263			
Cd conv. fac	1.136672-(ln(H)*0.041838)		81	0.953	73	0.922	All Hardness Data Criterion		85	0.951	84	0.916	
Pb conv. fac	1.46203-(ln(H)*.145712)		81	0.822	73	0.837	Acute	Chronic	85	0.815	84	0.816	
Cu WER	2.578						ug/L	ug/L					
Pb WER	2.049												
							copper	37.6	25.2				
							lead	111	4.26				
<b>Using New Data (i.e., for hardness only)</b>													
	<b>West Boise WWTF</b>	<b>April - September</b>	<b>New Hardness Data Only Criterion</b>				<b>October - March</b>						
Copper			85	37.640	77	23.406	Acute	Chronic	98	43.041	97	28.511	
Lead			85	110.818	77	3.875	ug/L	ug/L	98	129.447	97	4.988	
Cd conv. fac	1.136672-(ln(H)*0.041838)		85	0.951	77	0.920	copper	43.0	28.5	98	0.945	97	0.910
Pb conv. fac	1.46203-(ln(H)*.145712)		85	0.815	77	0.829	lead	129	4.99	98	0.794	97	0.795
Cu WER	2.578												
Pb WER	2.049												