

## APPENDIX A BRITISH COLUMBIA WATER QUALITY GUIDELINES

Substance	Contaminated Sites		BCWQC and Guidelines*		
	Aquatic Life	Drinking water	Aquatic Life	Drinking water	
aluminum	50 @ pH<5 70@ pH5-5.5 110@ pH5.5<6 200@ pH6<6.4 500@ pH>6.4	200	22@ pH<5 29@ pH-5.5 47@ pH 6 74@ pH 6.4 100@ pH>6.5	200	AC
antimony	300	n/a	20	14	WC
arsenic	500	25	50		WC
barium	10000	1000	5000	1000	WC
cadmium	2@H<60 8@H60-<120 13@H120-<180 18@H>180	5	0.01@H<30 0.03@H90 0.05@H150 0.06@H210	5	WC
chromium	20	50	1 if Cr(VI) 9 if Cr(III)		WC
cobalt	500		1		
copper	20 @H<50 30 @ H50-75 40@ H75-100 50 @H100-125 60 @H125-150 70@H150-175 80@H175-200 90@H>200	1000	6.7 @ H<50 9 @ H 75 11.4 @H 100 13.8 @H 125 16.1 @H 150 18.5 @H 175 20.8 @H 200	500	AC
WAD cyanide	50		10		AC
iron	3000	300	300		WC
lead	40@H<60 50@H50-100 60@H100-200 110@H200-300 160@N>300	10	3 @H<8 34 @ H 50 82 @ H 100 197 @ H 200 330 @H 300	50	AC
manganese	1000	50	100 to 1000		WC
mercury	1	1	0	1	AC
molybdenum	10000	250	2000	250	AC
nickel	250@H<60 650@H60-120 1100@H120-180 1500@H>180	n/a	25 @H<60 65 @H60-120 110 @H120-180 150 @H>180		WC
selenium	10	10	1		WC
silver	1		0.1H<100 0.3 H>100		AC
sulphate	1000000	500	100000		WC
zinc	300	5000	33 @ H<90 40 @ H 100 115 @ H 200 190 @ H 300 265 @ H 400	5000	AC

\*\*All values  
in mg/L  
AC =  
Approved  
criteria based

