

Table D6-15b State and Federal Ground Water Quality Criteria for Specified Parameters (Page 1 of 1)

Parameter	WQD Class-of-Use Criteria			EPA Drinking Water Criteria		
	Domestic (Class I)	Agriculture (Class II)	Livestock (Class III)	MCL	Treatment Action Level	Secondary Standard
Aluminum	--	5.0	5.0	--	--	0.05 to 0.2
Ammonia	0.5	--	--	--	--	--
Arsenic	0.05	0.1	0.2	0.010	--	--
Barium	2.0	--	--	2.0	--	--
Boron	0.75	0.75	5.0	--	--	--
Cadmium	0.005	0.01	0.05	0.005	--	--
Chloride	250.0	100.0	2000.0	--	--	250.0
Chromium	0.1	0.1	0.05	0.005	--	--
Copper	1.0	0.2	0.5	--	1.0	--
Fluoride	4.0	--	--	4.0	--	2.0
Gross Alpha (pCi/L, including Radium-226, excluding Radon & Uranium)	15.0	15.0	15.0	15.0	--	--
Lead	0.015	5.0	0.1	--	0.015	--
Managnese	0.05	0.2	--	0.05	--	--
Mercury	0.002	--	0.00005	0.002	--	--
Nickel	--	0.2	--	--	--	--
Nitrate	10.0	--	--	10.0	--	--
pH (standard units)	6.5 - 8.5	4.5 - 9.0	6.5 - 8.5	--	--	6.5 - 8.5
Radium-226+Radium-228 (pCi/L)	5.0	5.0	5.0	5.0	--	--
Sulfate	250.0	200.0	3000.0	--	--	250.0
Total Dissolved Solids	500.0	2000.0	5000.0	--	--	500.0
Uranium	--	--	--	0.03	--	--
Vanadium	--	0.1	0.1	--	--	--
Zinc	5.0	2.0	25.0	--	--	5.0
All concentrations are in mg/L unless otherwise noted. Dashes indicate no criteria have been established.						
WQD Class-of-Use criteria are from Table I in Chapter 8 (Quality Standards for Wyoming Groundwater) of the WQD Rules & Regulations, available at http://deq.state.wy.us/wqd/WQDrules/Chapter_08.pdf , accessed on Novmeber 3, 2008.						
EPA Drinking Water Criteria are from http://www.epa.gov/safewater/consumer/pdf/mcl.pdf , accessed on November 3, 2008.						