

COMPARISON OF NEW MEXICO GROUND-WATER STANDARDS AND U.S. EPA DRINKING-WATER STANDARDS, OCTOBER 1992

All units are mg/L unless otherwise specified. Microbiological parameters are not included. All standards listed are health based except for those followed by (a) aesthetic standard or (l) irrigation standard.

PARAMETER	New Mexico	U.S. EPA Existing MCL	U.S. EPA PMCL	U.S. EPA MCLG	U.S. EPA Lifetime HA
INORGANICS					
Aluminum	5.0 (l)	0.05-0.2(a)			
Ammonia					30
Antimony		0.006		0.006	
Arsenic	0.1	0.05		Zero	
Asbestos-fibers/liter (longer than 10 um)		7 million		7 million	
Barium	1.0	2			
Beryllium		0.004		0.004	
Boron	0.75 (l)				0.06
Cadmium	0.01	0.005		0.005	
Chlorate					0.01
Chloride (a)	250	250			
Chlorine					1
Chlorine Dioxide					0.08
Chlorite					0.03
Chromium	0.05	0.1		0.1	
Cobalt (l)	0.05				
Copper		1.3 (AL)		1.3	
Copper (a)	1.0	1.0			
Fluoride	1.6	4.0			
Fluoride (a)		2			
Gross Alpha (pCi/L)*		15		Zero	
Gross Beta (mrem/yr)**		4		Zero	
Iron (a)	1.0	0.3			
Lead	0.05	0.015 (AL)		Zero	
Manganese (a)	0.2	0.05			
Mercury	0.002	0.002		0.002	
Molybdenum	1.0				0.05
Nickel	0.2 (l)	0.1		0.1	
Nitrate-N	10	10		10	
Nitrite-N		1		1	
Nitrate + Nitrite (as N)		10		10	
pH (units) (a)	6-9	6.5-8.5			
Radium (226 & 228; pCi/L)	30	5	20	Zero	
Radon 222 (pCi/L)			300	Zero	
Selenium	0.05	0.05		0.05	
Silver	0.05	0.05			
Silver (a)		0.1			
Sodium					20
Strontium					17
Sulfate	600 (a)	250 (a)	400	400	
Thallium		0.002		0.0005	
Total Dissolved Solids (a)	1000	500			
Uranium	5.0		0.02	Zero	
Vanadium					0.02
Zinc (a)	10.0	5			

PARAMETER	New Mexico	U.S. EPA Existing MCL	U.S. EPA PMCL	U.S. EPA MCLG	U.S. EPA Lifetime HA
<u>BENZENES</u>					
Benzene	0.01	0.005		Zero	
Alkyl Benzenes					
Toluene	0.75	1	0.04 (a)	1	
Ethylbenzene	0.75	0.7	0.03 (a)	0.7	
Xylenes	0.62	10	0.02 (a)	10	
Styrene		0.1		0.1	
Chlorinated Benzenes					
Chlorobenzene		0.1		0.1	
o-Dichlorobenzene		0.6		0.6	
p-Dichlorobenzene		0.075	0.005 (a)	0.075	
1,2,4-Trichlorobenzene		0.07		0.07	
1,3,5-Trichlorobenzene					0.04
Hexachlorobenzene		0.001		Zero	
1,3-Dinitrobenzene					0.001
Toluenes					
o-Chlorotoluene					0.1
p-Chlorotoluene					0.1
2,4,6-Trinitrotoluene (TNT)					0.002
Phenols					
Phenol					4
2-Chlorophenol					0.04
2,4-Dichlorophenol					0.02
Pentachlorophenol		0.001		Zero	
Pentachlorophenol (a)			0.03		
Phenols (a)	0.005				
<u>METHANES</u>					
Chloromethane					0.003
Methylene Chloride	0.1	0.005		Zero	
Chloroform	0.1				
Trihalomethanes***		0.1			
Carbon Tetrachloride	0.01	0.005		Zero	
Bromomethane					0.01
Bromochloromethane					0.09
Chlorodibromomethane					0.1
Dichlorodifluoromethane					1
Fluorotrichloromethane					2
Formaldehyde					1