

TABLE I

UNDERGROUND WATER CLASS	I	II	III
Use Suitability	Domestic*	Agriculture	Livestock
Constituent or Parameter	Concentration**	Concent.**	Concent.**
Aluminum (Al)	---	5.0	5.0
Ammonia (NH <sub>3</sub> -N)	0.5 <sup>7</sup>	---	---
Arsenic (AS)	0.05	0.1	0.2
Barium (Ba)	2.0	---	---
Beryllium (Be)	---	0.1	---
Boron (B)	0.75	0.75	5.0
Cadmium (Cd)	.005	0.01	0.05
Chloride (Cl)	250.0	100.0	2000.0
Chromium (Cr)	.10	0.1	0.05
Cobalt (Co)	---	0.05	1.0
Copper (Cu)	1.0	0.2	0.5
Cyanide (CN)	0.2	---	---
Fluoride (F)	4.0	---	---
Hydrogen Sulfide (H <sub>2</sub> S)	0.05	---	---
Iron (Fe)	0.3	5.0	---
Lead (Pb)	.015	5.0	0.1
Lithium (Li)	---	2.5	---
Manganese (Mn)	0.05	0.2	---
Mercury (Hg)	0.002	---	0.00005
Nickel (Ni)	---	0.2	---
Nitrate (NO <sub>3</sub> -N)	10.0	---	---
Nitrite (NO <sub>2</sub> -N)	1.0	---	10.0
(NO <sub>3</sub> +NO <sub>2</sub> )-N	---	---	100.0
Oil & Grease	Virtually Free	10.0	10.0
Phenol	0.001	---	---
Selenium (Se)	.05	0.02	0.05
Silver (Ag)	.10	---	---
Sulfate (SO <sub>4</sub> )	250.0	200.0	3000.0
Total Dissolved Solids (TDS)	500.0	2000.0	5000.0
Vanadium (V)	---	0.1	0.1
Zinc (Zn)	5.0	2.0	25.0
pH	6.5-8.5	4.5-9.0s.u.	6.5-8.5s.u
SAR	---	8	---
RSC	---	1.25 meq/L	---
Combined Total Radium 226 and Radium 228 <sup>8</sup>	5pCi/L	5pCi/L	5pCi/L
Total Strontium 90	8pCi/L	8pCi/L	8pCi/L
Gross alpha particle radioactivity (in- cluding Radium 226 but excluding Radon and Uranium <sup>8</sup>	15pCi/L	15pCi/L	15pCi/L

\* This list does not include all constituents in the national drinking water standards.

\*\* mg/L, unless other wise indicated