

8TH S. 5TH E. WELL WATER QUALITY DATA

PARAMETER or CHEMICAL

mg/l or ppm	1998	1999	2000	2001	2002	2003	2005	2006	2007
Arsenic	0.004	0.007	0.007	0.00125		0.00122	0.00118	0.0013	0.0016
Barium	0.035	0.032	0.032	0.035		0.0393	0.0401	0.038	0.036
Cadmium	<0.0001	0.002	0.002	<0.0005		<0.0011	<0.0012	<0.0005	<0.0005
Chromium	0.002	0.001	0.001	0.0013		0.0021	0.002	<0.005	<0.005
Fluoride	0.108	0.121	0.121			0.087	<0.19	0.2	0.2
Lead	<0.002	<0.004	<0.004			<0.0002692	0.000391	<0.0005	<0.0005
Mercury	<0.0002	<0.0002	<0.0002	0.000169		<0.0001154	<0.000074	<0.0002	<0.0002
Nickel	<0.0002	<0.001	<0.001	0.0051		<0.001	<0.0027	<0.01	<0.005
Nitrate	5.58	5.85	5.85			6.08	5.88	5.4	5.6
Selenium	<0.001	<0.002	<0.002	0.00539		0.00177	<0.0013	0.0026	0.0034
Silver	<0.0002	0.003	0.003	<0.0005		<0.0007	<0.0033	<0.005	<0.005
TURBIDITY (Clarity) NTU	<0.05	0.2	0.2			0.3	0.4	0.42	0.3
Radionuclides (pCi/l)									
Gross Alpha							<2		
Gross Beta									
Strontium-90									
Boron					0.09				
Calcium	127	135.6	135.6	140	140	125.1	146.4	138	131
Hardness as CaCO ₃	586	582	582		580	522.6	612.1	575	543
" grains/gallon	34.2	34.0	34.0		33.9	30.5	35.8	33.6	31.7
" Non-Carbonate	284	299	299		300	241	328	225	203
Alkalinity as CaCO ₃	302	283.2	283.2		280	282	284	350	340
Magnesium	52.6	59.13	59.13	60	59	51.04	59.86	55.7	52.2
Potassium		4.321	4.321	3.1		3.52	2.827	3.1	3.1
Sodium	52.49	62.3	62.3	54	51	48.64	51.63	56.6	55.5
Specific Conductance	1600	1131	1131		1500		1042	819	1042
pH (in Units)	7.14	7.29	7.29		7.2	7.08	6.85	6.83	7.21
Aluminum	0.015	<0.02	<0.02				<0.015	<0.1	<0.1
Copper	0.005	0.001	0.001			0.0014	<0.002	<0.005	<0.005
Iron	<0.007	<0.01	<0.01	<0.02		<0.0023	<0.0041	<0.02	<0.02
Manganese		0.007	0.007	0.01		<0.0048	<0.0017	0.0081	0.0008
Zinc	0.002	<0.004	<0.004			0.003	<0.003	<0.01	<0.01
Chloride	145.5	151.6	151.6		153.5	168	152	154	170
Phosphate	0.018	0.037	0.037			0.037	0.03	0.02	0.02
Sulfate	176.5	173.4	173.4			180	180	174	182
Total Dissolved Solids	1067	716	716		934	924	840	774	850
Phase II									
Antimony	<0.004	<0.002	<0.002	<0.00012		0.000862	0.00224	<0.0005	<0.0005
Beryllium	0.0002	<0.001	<0.001	<0.001		<0.0007	<0.0012	<0.001	<0.001
Cyanide	0.001	<0.0013	<0.0013			0.0024	<0.00405	<0.002	<0.002
Nickel	<0.0002	<0.001	<0.001	0.0051		<0.001	<0.0027	<0.005	<0.005
Thallium	<0.001			<0.0001		<0.000267	0.000278	<0.0005	<0.0005