

Water Tests for the City of Seward

Biological test samples are taken seven times a month at different locations in the system.

Grains of hardness per Gallon = 8 to 13 grains

Nitrates ~ 8.5 ppm or ~8.5 mg/l

Tested	Results	Units	MCL	Units
Asbestos	<RL	PPM	7 fibers	PPM
Arsenic	2.92	PPB	10	PPB
Antimony	<RL	PPB	6	PPB
Barium	0.0439	PPM	1	PPM
Beryllium	<RL	PPB	4	PPB
Cadmium	<RL	PPM	0.01	PPM
Calcium	73.2	PPM	None listed	PPM
Chloride	4.73	PPM	255	PPM
Chromium	1.05	PPM	100	PPM
Copper	276	PPB	1300	PPB
Cyanide	<RL	PPM		
Fluoride	1.13	PPM	4	PPM
Gross Alpha	10.7	pCi/l	15	pCi/l
Iron	<0.05	PPM	0.3	PPM
Lead	<0.021	PPM	0.015	PPM
Manganese	<0.001	PPM	0.05	PPM
Mercury	<RL	PPM	0.002	PPM
Nickel	1.38	PPB	100	PPB
Selenium	8.13	PPM	0.05	PPM
Silver	<RL	PPM	0.05	PPM
Sodium	35	PPM	500	PPM
Sulfate	10	PPM	250	PPM
Thallium	<RL	PPM	2	PPM
pH	7.49	SU	7.3 to 8.5	SU
Total Alkalinity	124	PPM as CaCO3	None listed	PPM
Total Hardness	224	PPM as CaCO3	None listed	PPM
Total Dissolved Solids	405	PPM	None listed	PPM

Abbreviations

MCL = Maximum Contaminant Level

<RL = Less than report limit

PPM = parts per million or mg/l PPB = parts per billion or µg/l

SU = Standard Unit

Updated 9/7/11