

INORGANIC CHEMICAL RESULTS - 2021

PARAMETER	Well 7	Well 11	UNITS ¹	EPA GUIDELINES			
				MCL ²	MCLG ³	SMCL ⁴	HAL ⁵
Antimony	ND	ND	ppb	6	6	--	--
Arsenic	ND	ND	ppb	10	0	--	--
Barium	37	21	ppb	2000	2000	--	--
Beryllium	ND	ND	ppb	4	4	--	--
Bromide - 2019	34	60	ppb	--	--	--	--
Cadmium	ND	ND	ppb	5	5	--	--
Chloride	19	72	ppm	--	--	250	--
Chromium, Total	ND	0.9	ppb	100	100	--	--
Chromium, Hexavalent	ND	0.8	ppb	--	--	--	--
Fluoride	0.8	0.8	ppm	4	4	--	--
Iron	0.01	0.01	ppm	--	--	0.3	--
Manganese	0.6	5.9	ppb	--	--	50	300
Mercury	ND	ND	ppb	2	2	--	--
Nickel	1.0	1.2	ppb	100	--	--	--
Nitrate	0.1	2.7	ppm	10	10	--	--
Nitrite	0.2	0.3	ppm	1	1	--	--
Radium (226+228)	3.0	1.3 (2020)	pCi/L	5	zero	--	--
Selenium	ND	0.9	ppb	50	50	--	--
Silver	ND	ND	ppm	--	--	0.1	0.05
Sodium	8.7	25	ppm	--	--	--	--
Strontium	96	90	ppb	--	--	--	--
Sulfate	36	28	ppm	--	--	--	--
Thallium	ND	0.2	ppb	2	0.5	--	--
Zinc	8.1	13	ppb	--	--	5000	--

VOLATILE / SYNTHETIC ORGANIC COMPOUNDS - 2021

PARAMETER	Well 7	Well 11	UNITS ¹	EPA GUIDELINES	
				MCL ²	MCLG ³
Bromodichloromethane*	0.7 - 1.4	ND	ppb	80	zero
Bromoform*	ND - 0.7	ND - 0.7	ppb	80	zero
Chloroform*	0.7 - 1.1	ND	ppb	90	--
Dibromochloromethane*	0.6 - 1.2	ND	ppb	80	80
1,2-Dichloroethylene (cis)	ND	ND - 0.4	ppb	70	70
1,4-Dioxane	ND	0.31	ppb	--	--
Tetrachloroethylene	0.8 - 1.0	0.4 - 0.7	ppb	5	zero
Trichlorofluoromethane	ND	0.4 - 0.8	ppb	--	--

¹ ppb = parts per billion = ug/l = micrograms per liter; ppm = parts per million = mg/l = milligrams per liter

² MCL - Maximum contaminant level = EPA's maximum allowable amount

³ MCLG = Maximum contaminant level goal = EPA's public health goal

⁴ SMCL = secondary maximum contaminant level; do not present health concerns but may pose aesthetic problems: taste, odor, or color

⁵ HAL = Health Advisory Level = levels at which the contaminant presents a health risk

* Disinfection By-Products

pCi/L = picocurie per liter; a measure of radioactivity

ND = not detected

NS = not sampled