

Operating Information, continued

Drinking Water Quality Standards and Analyses 2019/2020

(Refer to legend on next page)

Inorganic Contaminants	MCL mg/l*	2020 Finished Water mg/l*
Antimony	0.006	ND
Arsenic	0.010	ND
Asbestos	7 MFL	ND in 2017
Barium	2.0	0.0102
Beryllium	0.004	ND
Cadmium	0.005	ND
Chromium	0.100	0.001 l
Cyanide	0.200	ND
Fluoride***	4.0	0.746
Lead	0.015	ND
Mercury	0.002	ND
Nickel	0.100	0.00160 l
Nitrate (as N)	10.0	3.45
Nitrite (as N)	1.0	ND
Total Nitrate & Nitrite (as N)	10.0	3.45
Selenium	0.050	ND
Sodium	160.0	22.2
Thallium	0.002	ND

Volatile Organic Contaminants	MCL mg/l*	2020 Finished Water mg/l*
2,3,7,8-TCDD (Dioxin)	3 x 10 ⁻⁸	ND in 2018
2,4-D	0.070	ND
2,4,5-TP (Silvex)	0.050	ND
1,1,2-Trichloroethane	0.005	ND
1,1-Dichloroethene	0.007	ND
1,2,4-Trichlorobenzene	0.070	ND
1,2-Dichloroethane	0.003	ND
1,2-Dichloropropane	0.005	ND
Benzene	0.001	ND
Carbon tetrachloride	0.003	ND
cis-1,2-Dichloroethylene	0.070	ND
Dichloromethane	0.005	ND
Ethylbenzene	0.700	ND
Chlorobenzene	0.100	ND
o-Dichlorobenzene	0.600	ND
para-Dichlorobenzene	0.075	ND
Styrene	0.100	ND
Tetrachloroethylene	0.003	ND
Toluene	1.000	ND
trans-1,2-Dichloroethylene	0.100	ND
Trichloroethylene	0.003	ND
Vinyl chloride	0.001	ND
Xylenes	10.0	ND

Turbidity Level	MCL NTU	2020 Finished Water NTU
Turbidity	1.0	0.025

Disinfectant By Products	MCL mg/l*	20 Finished Water mg.
Trihalomethanes (THM)	0.080	0.0335
Haloacetic Acids (HAA)	0.060	0.0206

Radionuclides Contaminant	MCL pCi/l*	20 Finished Water pCi
Gross Alpha	15	3.36 in 2018
Radium 226	5	0.898 in 2018
Radium 228	5	ND in 2018

Disinfectant By Products	MCL mg/l*	20 Finished Water mg.
2,3,7,8-TCDD (Dioxin)	3 x 10 ⁻⁸	ND in 2018
2,4-D	0.070	ND
2,4,5-TP (Silvex)	0.050	ND
Alachlor	0.002	ND
Atazine	0.003	ND
Benzo(a)pyrene	0.000	ND
Carbofuran	0.040	ND
Chlordane	0.002	ND
Dalapon	0.200	ND
Di(2-ethylhexyl)adipate	0.400	ND
Di(2-ethylhexyl)phthalate	0.006	ND
Dibromochloropropane (DBCP)	0.000	ND
Dinoseb	0.007	ND
Diquat	0.020	ND
Endothall	0.100	ND
Endrin	0.002	ND
Ethylene dibromide (EDB)	0.000	ND
Glyphosate	0.700	ND
Heptachlor	0.000	ND
Heptachlor epoxide	0.000	ND
Hexachlorobenzene	0.001	ND
Hexachlorocyclopentadiene	0.050	ND
Lindane	0.000	ND
Methoxychlor	0.040	ND
Oxamyl (Vydate)	0.200	ND
Pentachlorophenol	0.001	ND
Picloram	0.500	ND
Polychlorinated biphenyls (PCBs)	0.001	ND
Simazine	0.004	ND
Toxaphene	0.003	ND

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Secondary Contaminant	MCL mg/l*	2020 Finished Water mg/l*
Aluminum	0.20	ND
Chloride	250	54.2
Color	15 Color Unit	ND
Copper	1.0	0.00120 l
Fluoride	2.0	0.746
Foaming Agents (MBAS)	0.50	ND
Iron	0.30	ND
Manganese	0.05	ND
Odor	3 TON	ND
pH**	6.5 - 8.5	8.83
Silver	0.10	ND
Sulfate	250	46.4
Total Dissolved Solides (TDS)	500	266
Zinc	5.0	ND

General	2020 Finished Water mg/l
Total Hardness	102
(Hardness in grains per gallon)	6.0
Calcium Hardness	86
Alkalinity	53
Total Chlorine	4

MCL = Maximum Contaminant Level

MFL = Million Fibers per Liter greater than 10 micrometers

ND = Analyzed for but not detected/value is below reportable limits

NR = Not required

NTU = Nephelometric Turbidity Units

pCi/L = picocuries per liter

TON = Threshold Odor Number

*mg/l = milligrams per liter (except asbestos, color, odor and pH)

**pH has no health effects. FKAA maintains pH at 9.0 -9.5 to aid in corrosion control and to improve disinfection stability.

***Fluoride also has a secondary standard