



## DRINKING WATER STANDARDS & ANALYSES 2016

### Primary Drinking Water Standards

Inorganic Contaminants	MCL mg/l*	2016 Finished Water mg/l*
Antimony	0 . 006	ND
Arsenic	0 . 050	ND
Asbestos	7 MFL	ND
Barium	2 . 000	0.008
Beryllium	0 . 004	ND
Cadmium	0 . 005	ND
Chromium	0 . 100	ND
Cyanide	0 . 200	ND
Fluoride***	4 . 000	0.59
Lead	0 . 015	ND
Mercury	0 . 002	ND
Nickel	0 . 100	ND
Nitrate (as N)	10 . 000	2.62
Nitrite (as N)	1 . 000	ND
Total Nitrate (as N) & Nitrite	10 . 000	2.62
Selenium	0 . 050	0.009
Sodium	160 . 000	21
Thallium	0 . 002	ND

Turbidity Level	MCL NTU	2016 Finished Water NTU
	1 . 0	0.06

Disinfectant By-Products	MCL mg/l*	2016 Distribution Water mg/l*
Trihalomethanes	0 . 080	0.28

Disinfectant By-Products	MCL mg/l*	2016 Distribution Water mg/l*
Haloacetic Acids	0 . 060	0.014

Volatile Organic Contaminants	MCL mg/l*	2016 Finished Water mg/l*
Vinyl chloride	0 . 001	ND
Benzene	0 . 001	ND
Carbon Tetrachloride	0 . 003	ND
1,2-Dichloroethane	0 . 003	ND
Trichloroethylene	0 . 003	ND
Para-Dichlorobenzene	0 . 075	ND
1,1-Dichloroethylene	0 . 007	ND
1,1,1,-Trichloroethane	0 . 200	ND
cis-1,2-Dichloroethylene	0 . 070	ND
1,2-Dichloropropane	0 . 005	ND
Ethylbenzene	0 . 700	ND
Monochlorobenzene	0 . 100	ND
o-Dichlorobenzene	0 . 600	ND
Styrene	0 . 100	ND
Tetrachloroethylene	0 . 003	ND
Toluene	1 . 000	ND
trans-1,2-Dichloroethylene	0 . 100	ND
Xylenes	10 . 000	ND
Dichloromethane	0 . 005	ND
1,2,4-Trichlorobenzene	0 . 070	ND
1,1,2-Trichloroethane	0 . 005	ND

Pesticides & PCB Contaminants	MCL mg/l*	2016 Finished Water mg/l*
Endrin	0 . 00200	ND
Lindane	0 . 00020	ND
Methoxychlor	0 . 04000	ND
Toxaphene	0 . 00300	ND
Dalapon	0 . 20000	ND
Diquat	0 . 02000	ND
Endothall	0 . 10000	ND
Glyphosate	0 . 70000	ND
Di(2-ethylhexyl)Adipate	0 . 40000	ND
Oxamyl (Vydate)	0 . 20000	ND
Simazine	0 . 00400	ND
Picloram	0 . 50000	ND
Dinoseb	0 . 00700	ND
Hexachlorocyclopentadiene	0 . 05000	ND
Carbofuran	0 . 04000	ND
Atrazine	0 . 00300	ND
Alachlor	0 . 00200	ND
Heptachlor	0 . 00040	ND
Heptachlor orepoxide	0 . 00020	ND
2,4-D	0 . 07000	ND
2,4,5-TP (silvex)	0 . 05000	ND
Hexachlorobenzene	0 . 00100	ND
Di(2-Ethylhexyl) phthalate	0 . 00600	ND
Benzo (A) pyrene	0 . 00020	ND
Pentachlorophenol	0 . 00100	ND
PCB	0 . 00050	ND
DBCP	0 . 00020	ND
EDB-ethylene biomide	0 . 00002	ND
Chlorodane	0 . 00200	ND
Dioxin	3X10 <sup>-8</sup>	ND

Radionuclides Contaminant	MCL pCi/l	2016 Finished Water pCi/l
Gross Alpha	15	1.8
Radium 226		ND
Radium 228		ND



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### Secondary Drinking Water Standards

Secondary Contaminant	MCL mg/l*	2016 Finished Water mg/l*
Aluminum	0.20	ND
Chloride	250	47
Color	15 Color Units	ND
Copper	1.00	ND
Fluoride	2.00	0.59
Foaming Agents	0.50	ND
Iron	0.30	0.01
Manganese	0.05	ND
Odor	3.0 ton	ND
pH**	6.50-8.50	9.4
Silver	0.10	ND
Sulfate	250	43
Total Dissolved Solids (TDS)	500	202
Zinc	5	ND

General	mg/l*
Total Hardness (or in grains per gallon)	97 5.7
Calcium Hardness	82
Alkalinity	38
Total Chlorine	3.4

MCL = Maximum Contaminant Level

MFL = Million Fibers per Liter greater than 10 micrometers

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

ND = Not Detected/below reportable limits

NTU = Nephelometric Turbidity Units

pCi/l = picocuries per liter

\*\*pH has no health effects. pH is high to improve the stability of disinfection.

\*\*\*Fluoride has a secondary standard

**Note:** The primary drinking water standards are established for health reasons and the secondary drinking water standards are established for aesthetic reasons. The MCL is the maximum allowable level a regulated contaminant should be present in drinking water. The finished water results indicate the measured level that is found in FKAA drinking water.

The State of Florida requires FKAA to monitor for certain substances less often than once per year because the concentrations of these substances do not change frequently. In these cases the most recent sampling data (2015) are included herein.