FLORIDA KEYS AQUEDUCT AUTHORITY
1100 KENNEDY DRIVE, KEY WEST, FL 33040

DRINKING WATER STANDARDS & ANALYSES 2015

Primary Drinking Water Standards

Inorganic Contaminants	MCL* mg/l*	2015 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	0.69
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*	2015 Finished Water NTU*
	1 . 0	0.06

Disinfectant By-Products	MCL* mg/l*	2015 Distribution Water mg/l*
Trihalomethanes	0 . 080	0.28

Disinfectant By-Products	MCL* mg/l*	2015 Distribution Water mg/l*
Haloacetic Acids	0 . 060	0.014

Volatile Organic Contaminants	MCL* mg/l*	2015 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*

Radionuclides Contaminant	MCL* pCi/l*	2015 Finished Water pCi/l*
Gross Alpha	15	1.8
Radium 226		ND
Radium 228		ND

Pesticides & PCB Contaminants	MCL* mg/l*	2015 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*
Hexachloracyclopentadiene	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	$3X10^{-8}$	ND*

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Secondary Drinking Water Standards

Secondary Contaminant	MCL mg/l*	2015 Finished Water mg/l*
Aluminum	0.20	ND
Chloride	250	47
Color	15 Color Units	ND*
Copper	1.00	ND*
Fluoride	2.00	0.69
Foaming Agents	0.50	ND*
Iron	0.30	0.01
Manganese	0.05	ND*
Odor	3.0 ton	ND*
PH**	6.50-8.50	9.3
Silver	0.10	ND*
Sulfate	250	43
Total Dissolved Solids (TDS)	500	202
Zinc	5	ND*

General	mg/l*
Total Hardness	96
(or in grains per gallon)	5.6
Calcium Hardness	81
Alkalinity	40
Total Chlorine	3.3

*NR=Not required
*ND=Not detected=Below reportable limits
*MCL=Maximum contaminant level
*mg/l=Milligrams per liter
*MFL=Million fibers per liter greater than 10 micrometers
***Fluoride has a secondary standard
*pCi/l=Picocuries per liter
*NTU=Nephelometric turbidity units
*mg/1=milligrams per liter except color, ordor, and PH
**The pH has no health effects. The pH is high to improve the stability of the disinfection.

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.