



**WATER TREATMENT PLANT  
DRINKING WATER  
LAB TEST RESULTS**

# TOWN OF HIGHLAND BEACH FLORIDA

## WATER TREATMENT PLANT WATER QUALITY LAB RESULTS

### WATER TREATMENT PLANT DAILY REQUIRED TESTING

FEDERAL CONTAMINANT ID NUMBER	FEDERAL CONTAMINANT WE TESTED FOR	HIGHLAND BEACH TEST RESULTS MG/L	FEDERAL MCL MG/L	FEDERAL MDL MG/L	DATE TESTED
None	Total Hardness	24	None	0.0	2016
None	Total Alkalinity	26	None	0.0	2016
None	Turbidity	0.17	1.0	0.0	2016
None	Poly Phosphate	1.36	None	0.0	2016
1012	Free Chlorine Residual	1.60	4.0	0.0	2016

### SECONDARY DRINKING WATER STANDARDS

FEDERAL CONTAMINANT ID NUMBER	FEDERAL CONTAMINANT WE TESTED FOR	HIGHLAND BEACH TEST RESULTS MG/L	FEDERAL MCL MG/L	FEDERAL MDL MG/L	DATE TESTED
1002	Aluminum	0.050	0.2	0.050	2017
1017	Chloride	106	250	5.0	2017
1022	Copper	0.018	1.3	0.00093	2017
1025	Fluoride	0.035	2.0	0.034	2017
1028	Iron	0.020	0.3	0.020	2017
1032	Manganese	0.0014	0.05	0.0014	2017
1050	Silver	0.000050	0.1	0.00005	2017
1055	Sulfate	13.7	250	2.5	2017
1095	Zinc	0.49	5	0.0086	2017
1905	Color	5.0	15	5.0	2017
1920	Odor	1.0	3	1.0	2014
1925	pH	7.2	6.5 - 8.5	0.10	2017
1930	Total Dissolved Solids	220	500	5.0	2017
2905	Foaming Agents	0.099	0.5	0.099	2017

MG/L = Parts Per Million  
 UG/L = Parts Per Billion

MCL = Maximum Contaminant Level  
 MDL = Minimum Detectable Level

## INORGANIC DRINKING WATER STANDARDS

FEDERAL CONTAMINANT ID NUMBER	FEDERAL CONTAMINANT WE TESTED FOR	HIGHLAND BEACH TEST RESULTS MG/L	FEDERAL MCL MG/L	FEDERAL MDL MG/L	DATE TESTED
1074	Antimony	0.00050	0.006	0.00050	2017
1005	Arsenic	0.0011	0.010	0.00050	2017
1094	Asbestos	0.00050	7.0	0.00050	2014
1010	Barium	0.00050	2	0.00050	2017
1075	Beryllium	0.00014	0.004	0.00014	2017
1015	Cadmium	0.00005	0.005	0.00005	2017
1020	Chromium	0.0010	0.1	0.0010	2017
1024	Cyanide	0.0050	0.2	0.0050	2017
1025	Fluoride	0.035	4.0	0.034	2017
1030	Lead	0.00050	0.015	0.00050	2017
1035	Mercury	0.00010	0.002	0.00010	2017
1036	Nickel	0.0012	0.1	0.0012	2017
1040	Nitrate	0.0250	10	0.0250	2017
1041	Nitrite	0.0250	1	0.0250	2017
1045	Selenium	0.00063	0.05	0.00050	2017
1052	Sodium	81.4	160	0.50	2017
1085	Thallium	0.00050	0.002	0.00050	2017

## DISINFECTION BYPRODUCTS DRINKING WATER STANDARDS

FEDERAL CONTAMINANT ID NUMBER	FEDERAL CONTAMINANT WE TESTED FOR	HIGHLAND BEACH TEST RESULTS UG/L	FEDERAL MCL UG/L	FEDERAL MDL UG/L	DATE TESTED
2450	Monochloroacetic Acid	0.37	None	0.37	2015
2451	Dichloroacetic Acid	0.37	None	0.37	2015
2452	Trichloroacetic Acid	0.37	None	0.37	2015
2453	Monobromoacetic Acid	0.37	None	0.37	2015
2454	Dibromoacetic Acid	0.37	None	0.37	2015
2456	Total Haloacetic Acids (HAA5)	0.37	60.0	0.37	2015
2941	Chloroform	0.25	None	0.25	2017
2942	Bromoform	0.72	None	0.32	2017
2943	Bromodichloromethane	0.25	None	0.25	2017
2944	Dibromochloromethane	0.25	None	0.25	2017
2950	Total Trihalomethanes (TTHM)	0.72	80.0	0.32	2017

MG/L = Parts Per Million  
UG/L = Parts Per Billion

MCL = Maximum Contaminant Level  
MDL = Minimum Detectable Level

VOLATILE ORGANICS ORGANIC DRINKING WATER STANDARDS

FEDERAL CONTAMINANT ID NUMBER	FEDERAL CONTAMINANT WE TESTED FOR	HIGHLAND BEACH TEST RESULTS UG/L	FEDERAL MCL UG/L	FEDERAL MDL UG/L	DATE TESTED
2378	1,2,4 Trichlorobenzene	0.41	70	0.41	2017
2380	1,2 Dichloroethylene	0.25	70	0.25	2017
2955	Xylenes (total)	0.25	10,000	0.25	2017
2964	Dichloromethane	0.44	5	0.44	2017
2968	O-Dichlorobenzene	0.25	600	0.25	2017
2969	Para-Dichlorobenzene	0.25	75	0.25	2017
2976	Vinyl Chloride	0.39	1	0.39	2017
2977	1,1 Dichloroethylene	0.25	7	0.25	2017
2979	1,2- Dichloroethylene	0.25	100	0.25	2017
2980	1,2 Dichloroethane	0.25	3	0.25	2017
2981	1,1,1-Trichloroethane	0.25	200	0.25	2017
2982	Carbon Tetrachloride	0.25	3	0.25	2017
2983	1,2-Dichloropropane	0.25	5	0.25	2017
2984	Trichloroethylene	0.25	3	0.25	2017
2985	1,1,2- Trichloroethane	0.25	5	0.25	2017
2987	Tetrachloroethylene	0.25	3	0.25	2017
2989	Monochlorobenzene	0.25	100	0.25	2017
2990	Benzene	0.25	1	0.25	2017
2991	Toluene	0.25	1,000	0.25	2017
2992	Ethylbenzene	0.25	700	0.25	2017
2996	Styrene	0.25	100	0.25	2017

SYNTHETIC ORGANIC DRINKING WATER STANDARDS

FEDERAL CONTAMINANT ID NUMBER	FEDERAL CONTAMINANT WE TESTED FOR	HIGHLAND BEACH TEST RESULTS UG/L	FEDERAL MCL UG/L	FEDERAL MDL UG/L	DATE TESTED
2005	Endrin	0.0067	2	0.0067	2017
2010	Lindane	0.0029	0.2	0.0029	2017
2015	Methoxychlor	0.049	40	0.049	2017
2020	Toxaphene	0.58	3	0.58	2017
2031	Dalapon	0.89	200	0.89	2017
2032	Diquat	0.30	20	0.30	2017
2033	Endothall	4.3	100	4.3	2017
2034	Glyphosate	4.2	700	4.2	2017
2035	Di (2-ethylhexyl)adipate	0.37	400	0.37	2017
2036	Oxamy (Vydate)	0.55	200	0.55	2017
2037	Simazine	0.066	4	0.066	2017

**SYNTHETIC ORGANIC DRINKING WATER STANDARDS**

FEDERAL CONTAMINANT ID NUMBER	FEDERAL CONTAMINANT WE TESTED FOR	HIGHLAND BEACH TEST RESULTS UG/L	FEDERAL MCL UG/L	FEDERAL MDL UG/L	DATE TESTED
2039	Di (2-ethylhexyl)phthalate	0.48	6	0.48	2017
2040	Picloram	0.094	500	0.094	2017
2041	Dinoseb	0.16	7	0.16	2017
2042	Hexachlorocyclopentadinene	0.031	50	0.031	2017
2046	Carbofuran	0.32	40	0.32	2017
2050	Atrazine	0.60	3	0.60	2017
2051	Alachlor	0.034	2	0.034	2017
2065	Heptachlor	0.012	0.4	0.012	2017
2067	Heptachlor epoxide	0.0029	0.2	0.0029	2017
2105	2,4-D	0.081	70	0.081	2017
2110	2,4,5-TP (silvex)	0.16	50	0.16	2017
2274	Hexachlorobenzene	0.018	1	0.018	2017
2306	Benzo (a) pyrene	0.012	0.2	0.012	2017
2326	Pentachlorophenol	0.030	1	0.030	2017
2383	Polychlorinated biphenyls (PCBs)	0.077	0.5	0.077	2017
2931	Dibromochloropropane	0.0064	0.2	0.0064	2017
2946	Ethylene Dibromide (EDB)	0.0075	0.02	0.0075	2017
2959	Chlordane	0.045	2	0.045	2017

**OTHER CONTAMINANTS DRINKING WATER STANDARDS**

FEDERAL CONTAMINANT ID NUMBER	FEDERAL CONTAMINANT WE TESTED FOR	HIGHLAND BEACH TEST RESULTS UG/L	FEDERAL MCL UG/L	FEDERAL MDL UG/L	DATE TESTED
None	PCB-1016 (Aroclor 1016)	0.025	None	0.025	2017
None	PCB-1221 (Aroclor 1221)	0.028	None	0.028	2017
None	PCB-1232 (Aroclor 1232)	0.028	None	0.028	2017
None	PCB-1242 (Aroclor 1242)	0.049	None	0.049	2017
None	PCB-1248 (Aroclor 1248)	0.059	None	0.059	2017
None	PCB-1254 (Aroclor 1254)	0.022	None	0.022	2017
None	PCB-1260 (Aroclor 1260)	0.063	None	0.063	2017
None	Paraquat	0.27	None	0.27	2014

MG/L = Parts Per Million  
UG/L = Parts Per Billion

MCL = Maximum Contaminant Level  
MDL = Minimum Detectable Level