

Community Participation

Beach Water encourages our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. Town Council meetings are normally held on the first and third Mondays of the month at 2525 Estero Blvd. Check the Town's website for times at www.fmbgov.com.

For more information regarding this report or to request a hard copy, please contact Beach Water at (239) 463-9914.

Once again we are proud to present our annual drinking water report, covering all drinking water testing performed between January 1 and December 31, 2020. Over the years, we have dedicated ourselves to producing drinking water that meets all state and federal standards. We continually strive to adopt new methods for delivering the best quality drinking water to your homes and businesses. As new challenges to drinking water safety emerge, we remain vigilant in meeting the goals of source water protection, water conservation, and community education while continuing to serve the needs of all of our water users. Please remember that we are always available to assist you, should you ever have any questions or concerns about your water.



En Español

Si usted tiene alguna pregunta sobre este informe favor del llamar a Beach Water al (239) 463-9914.



PWS ID#: 5364145

2020

Annual Drinking
Water Quality Report

2020 Test Results (Non-Secondary Contaminants Table)

PWS ID#: 5364145

Beach Water routinely monitors for constituents in your drinking water according to Federal and State laws. The enclosed tables show the results of our monitoring for the period January 1st to December 31st, 2020 and include test results in earlier years for contaminants sampled less often than annually. For contaminants not required to be tested for in 2020, test results are for the most recent testing done in accordance with the regulations.

RADIOACTIVE CONTAMINANTS				Town of Fort Myers Beach			Corkscrew			Green Meadows			Likely Source of Contamination
Contaminant and Unit of Measurement	MCL Violation Y/N	MCLG	MCL	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	
Alpha Emitters (pCi/L)	N	0	15	N/A	N/A	N/A	10/20	1.6	N/A	10/20	1	N/A	Erosion of natural deposits
Radium 226 + 228 or combined radium (pCi/L)	N	0	5	N/A	N/A	N/A	10/20	1.3	N/A	10/20	1.9	N/A	Erosion of natural deposits

INORGANIC CONTAMINANTS				Town of Fort Myers Beach			Corkscrew			Green Meadows			Likely Source of Contamination
Contaminant and unit of measurement	MCL Violation Y/N	MCLG	MCL	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	
Barium (ppm)	N	2	2	N/A	N/A	N/A	10/20	0.00446	N/A	10/20	0.00328	N/A	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Cyanide	N	200	200	N/A	N/A	N/A	10/20	4.4	N/A	10/20	3.3	N/A	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Fluoride (ppm)	N	4	4	N/A	N/A	N/A	1/20 – 2/20	0.91	0.14–0.91	1/20 – 12/20	0.79	0.1 – 0.79	Erosion of natural deposits; discharge from fertilizer and aluminum factories. Water additive which promotes strong teeth when at optimum level of 0.7 ppm.
Nitrate (as N) (ppm)	N	10	10	N/A	N/A	N/A	10/20	0.039	N/A	N/A	N/A	N/A	Runoff from fertilizer use, leaching from septic tanks, sewage; erosion of natural deposits.
Nitrite (as N) (ppm)	N	1	1	N/A	N/A	N/A	10/20	0.006	N/A	4/20, 10/20	0.005	0.004 – 0.005	Runoff from fertilizer use, leaching from septic tanks, sewage; erosion of natural deposits.
Sodium (ppm)	N	N/A	160	N/A	N/A	N/A	10/20	40.2	N/A	10/20	56.3	N/A	Salt water intrusion, leaching from soil.

STAGE 1 DISINFECTANTS & DISINFECTION BY-PRODUCTS				Town of Fort Myers Beach			Corkscrew			Green Meadows			Likely Source of Contamination
Contaminant and unit of measurement	MRDL Violation Y/N	MRDLG	MRDL	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	
Chlorine & Chloramines (ppm) *	N	4.0	4.0	1/20 – 12/20	3.2	0.6 – 4.1	1/20–12/20	3.6	0.5 – 4.9	1/20 – 12/20	3.6	0.5 – 4.9	Water additive used to control microbes.

STAGE 2 DISINFECTANTS & DISINFECTION BY-PRODUCTS				Town of Fort Myers Beach			Corkscrew			Green Meadows			Likely Source of Contamination
Contaminant and unit of measurement	MCL Violation Y/N	MCLG	MCL	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	
Haloacetic Acids (HAA5) (ppb)	N	N/A	60	2/20, 5/20, 8/20, 12/20	21.5	13 – 28	1/20, 4/20, 7/20, 10/20	21.2	ND – 23	1/20, 4/20, 7/20, 10/20	21.2	ND – 23	By-product of drinking water disinfection
Total Trihalomethanes (TTHM) (ppb)	N	N/A	80	2/20, 5/20, 8/20, 12/20	28.5	21 – 35	1/20, 4/20, 7/20, 10/20	32.75	1.3 – 38	1/20, 4/20, 7/20, 10/20	32.75	1.3 – 38	By-product of drinking water disinfection

SYNTHETIC ORGANIC CONTAMINANTS including PESTICIDES & HERBICIDES				Town of Fort Myers Beach			Corkscrew			Green Meadows			
Contaminant and unit of measurement	MCL Violation Y/N	MCLG	MCL	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	Likely Source of Contamination
Picloram (ppb)	N	500	500	N/A	N/A	N/A	3/20, 7/20, 10/20	0.08	ND – 0.08	N/A	N/A	N/A	Herbicide runoff
2,4-D (ppb)	N	70	70	N/A	N/A	N/A	3/20, 4/20, 7/20, 10/20	0.29	ND – 0.29	N/A	N/A	N/A	Runoff from herbicide used on row crops
2,4,5-TP (Silvex) (ppb)	N	50	50	N/A	N/A	N/A	3/20, 7/20	0.035	ND – 0.035	N/A	N/A	N/A	Residue of banned herbicide

VOLATILE ORGANIC CONTAMINANTS				Town of Fort Myers Beach			Corkscrew			Green Meadows			
Contaminant and unit of measurement	MCL Violation Y/N	MCLG	MCL	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	Sampling Date (mo/yr)	Level Detected	Range of Results	Likely Source of Contamination
Dichloromethane (ppb)	N	0	5	N/A	N/A	N/A	10/20	0.42	N/A	10/20	0.26	N/A	Discharge from pharmaceutical and chemicals factories
Styrene (ppb)	N	100	100	N/A	N/A	N/A	N/A	N/A	N/A	10/20	0.1	N/A	Discharge from rubber and plastic factories; leaching from landfills

LEAD and COPPER (Tap Water)				Town of Fort Myers Beach			Corkscrew			Green Meadows			
Contaminant and unit of measurement	AL Exceeded Y/N	MCLG	AL (Action Level)	Sampling Date (mo/yr)	90th Percentile Result	Sites Exceeding the AL	Sampling Date (mo/yr)	90th Percentile Result	Sites Exceeding the AL	Sampling Date (mo/yr)	90th Percentile Result	Sites Exceeding the AL	Likely Source of Contamination
Copper [tap water] (ppm)	N	1.3	1.3	N/A	N/A	N/A	8/20	0.0659	0	8/20	0.0659	0	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Lead [tap water] (ppb)	N	0	15	N/A	N/A	N/A	8/20	1.1	0	8/20	1.1	0	Corrosion of household plumbing systems; erosion of natural deposits.

Note: For chloramines, the level detected is the highest running annual average (RAA), computed quarterly, of monthly averages of all samples collected. For haloacetic acids and TTHM, the level detected is the highest LRAA, computed quarterly, of quarterly averages of all samples collected if the system is monitoring quarterly.

Range of results is the range of individual sample results for all monitoring locations.

Note: Results in the Level Detected column for radiological contaminants and inorganic contaminants are the highest detected level at any sampling point.

Definitions:

In the tables below, you may find many terms and abbreviations you are not familiar with. To help you better understand these terms we've provided the following definitions:

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is not known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers a treatment or other requirement which a water system must follow.

Treatment Technique (TT): A required process intended to reduce the level of contaminant in drinking water.

pCi/L: Picocuries Per Liter – a measure of radioactivity in water.

ppm: Parts Per Million, or Milligrams Per Liter (mg/L) – one part by weight or analyte to 1 million parts by weight of the water sample.

ppb: Parts Per Billion, or Micrograms Per Liter (ug/L) – one part by weight of analyte to 1 billion parts by weight of the water sample.

N/A: Not Applicable

ND: Not Detected – indicates that the substance was not found by laboratory analysis.

Locational Running Annual Average (LRAA): The average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.



Town of Fort Myers Beach
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