

# Borough of Fleetwood

PWSID #3060029

## Annual Water Quality Report

### Water Testing Performed in 2021

*Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, ó hable con alguien que lo entienda. (This report contains important information about your drinking water. Have someone translate it for you, or speak with someone who understands it.)*

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater run-off, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater run-off and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater run-off and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to assure that tap water is safe to drink, EPA and DEP prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA and DEP regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's *Safe Drinking Water Hotline* (800-426-4791).

#### Information about Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Borough of Fleetwood is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

#### **Important Health Information:**

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as person with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

## 2021 Annual Drinking Water Quality Report of the Borough of Fleetwood

We are pleased to present to you this year's Annual Drinking Water Quality Report. We routinely monitor for constituents in your drinking water according to Federal and State Laws. The table shows the results of this monitoring for the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2021. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data is from prior years in accordance with the Safe Water Drinking Act. The date has been noted on the sampling results table.

Our water source comes from 4 wells in Ruscombmanor Township, 1 well in Richmond Township and 2 wells in Fleetwood Borough.

If you have any questions about this report or concerning your water utility, please contact our Water Commissioner, Craig Conradt at the Borough office 610-944-8220. We want our valued customers to be informed about their water quality. If you want to learn more, please attend our regularly scheduled monthly meetings. They are held on the second Monday of every month at 6:30pm in the Community Center at 110 W. Arch Street, Fleetwood, PA.

CONTAMINANT (unit of measurement)	MCL in CCR Units	MCLG	Level Detected	Range of Detections	Sample Date	Violation Y/N	Sources of Contamination
<b>Chemical Contaminants</b>							
Nitrate (ppm)	10	10	1.58	1.36 – 1.87	2/2021	N	Runoff from fertilizer use
Fluoride (ppm)*	2	2	0.48	0.41 – 0.53	3/2021	N	Water additive which promotes strong teeth
Haloacetic Acids (HAA5) (ppb)	60	n/a	6.06	2.33-9.79	8/12/2021	N	Byproduct of drinking water disinfection.
Trihalomethanes (TTHMs) (ppb)	80	n/a	24.4	3.0-45.7	8/12/2021	N	Byproduct of drinking water chlorination
Barium (ppm)	2	2	0.03	0.017 - 0.4	3/2021	N	Erosion of natural deposits
Chromium (ppb)	100	100	1.67	1-2	3/10/2021	N	Erosion of natural deposits
Gross Alpha (pCi/L)	15	0	0.606	N/A	2/20/2018	N	Erosion of natural deposits
Combined Radium (pCi/L)	5	0	0.788	N/A	2/20/2018	N	Erosion of natural deposits
Combined Uranium (ug/L)	30	0	0.998	N/A	2/20/2018	N	Erosion of natural deposits

\*EPA's MCL for fluoride is 4 ppm. However, Pennsylvania has set a lower MCL to better protect human health.

### Entry Point Disinfectant Residual

Contaminant	Minimum Disinfectant Residual	Lowest Level Detected	Range of Detections	Sample Date	Violation Y/N	Sources of Contamination
Chlorine EP 101 (ppm)	0.4	0.804	0.804-1.95	2/2/2021	N	Water additive used to control microbes.
Chlorine EP 103 (ppm)	0.4	0.57	0.57-3.8	2/14/2021	N	Water additive used to control microbes.
Chlorine EP 104 (ppm)	0.4	0.40	0.4-1.88	3/7/2021	N	Water additive used to control microbes.

### Lead and Copper

Contaminant	Action Level (AL)	MCLG	90 <sup>th</sup> Percentile Value	# of Sites above AL of Total Sites	Sample Date	Violation Y/N	Sources of Contamination
Copper* (ppm)	1.3	1.3	0.646	0 out of 24	2019	N	Corrosion of household plumbing
Lead* (ppb)	15	0	0	0 out of 24	2019	N	Corrosion of household plumbing



## **DETECTED CONTAMINANTS HEALTH EFFECTS LANGUAGE AND CORRECTIVE ACTIONS:**

No contaminants were above the MCL or action level during the monitoring period of January 1 to December 31, 2021. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected; however, the DEP has determined that your water IS SAFE at these levels. The PA Department of Environmental Protection allows the Authority to test for some contaminants less often than annually because the concentrations of these contaminants do not change frequently. Therefore, some of our data, though representative, is not from 2021.

## **OTHER VIOLATIONS:**

The water system received seven (7) groundwater treatment monitoring/reporting violations in 2021. These were for failures to report water/disinfectant residual monitoring and one (1) violation for a late submittal of the 2020 Consumer Confidence Report. Even though these were not emergencies, as our customers, you have a right to know what happened. No alternative water source is necessary, and there is nothing you need to do at this time.

## **What's In My Water?**

**In the summary table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms and abbreviations we've provided you with the following definitions:**

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

**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.

**Maximum Contaminant Level Goal (MCLG)** - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**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 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.

**Minimum Residual Disinfectant Level (MinRDL)** - The minimum level of residual disinfectant required at the entry point to the distribution system.

**Level 1 Assessment** - A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

**Level 2 Assessment** - A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an *E. coli* MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

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

**Mrem/year** = millirems per year (a measure of radiation absorbed by the body)

**pCi/L** = picocuries per liter (a measure of radioactivity)

**ppb** = parts per billion, or micrograms per liter ( $\mu\text{g/L}$ )    **ppq** = parts per quadrillion, or picograms per liter

In our continuing efforts to maintain a dependable water supply, it may be necessary to make improvements in your water system. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements.

We at The Borough of Fleetwood work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources. Please check out our website at [www.fleetwoodboro.com](http://www.fleetwoodboro.com) for additional information about the Borough.