2024 Annual Drinking Water Quality Report

SANDYCREEK TOWNSHIP PWSID# 6610042

Este informe contiene informacion muy importante sobre su agua de beber.Traduzcalo o hable con alguien que lo entienda bien. (This report contains very important information about your drinking water. Translate it or speak to someone who understands it.)

We're pleased to present to you the Annual Drinking Water Quality Report for the Year 2024. This report is designed to inform you about the quality of water and the services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We are committed to ensuring the quality of your water. Our water is purchased from the General Authority of the City of Franklin (GACF). The GACF has two groundwater sources: The Ninth Street Well Field and the Barrett's Flats Well Field, both being located within Franklin City limits. Both of these sources are Alluvial Aquifers, with the Ninth Street source having four (4) wells and the Barrett's Flats source having six (6) wells.

The GACF has a source water protection plan available from their office that provides more detailed information such as potential sources of contamination. A summary of the water system's susceptibility to potential sources of contamination follows:
A Source Water Protection Plan of the water wells that supply water for the Ninth Street Water Plant and the Barrett's Flats Water Plant was completed in 2009. Funding for development of the plan was provided by the PA Department of Environmental Protection. The Plan found that the water well fields are potentially most susceptible to developed areas (including underground storage tanks), major roads and oil and gas wells. Overall, the water well fields have a low to moderate risk of significant contamination.

We are pleased to report that our drinking water meets Federal and State requirements. If you have any questions about this report or concerning your water utility, please contact Jasen Brown, the Township Water Foreman at 814-432-3372. Our Public Water Supply Identification Number is 6610042. We want our valued customers to be informed about their Water utility. If you want to learn more, please attend any of our regularly scheduled meetings, held on the second Tuesday of each month at 5:00 P.M. at the Sandycreek Township Office Building located at 878 Pone Lane, Franklin, PA.

Sandycreek Township and the GACF routinely monitor constituents in your drinking water according to Federal and State laws. The following table shows the results of that monitoring for the period of January 1st to December 31st, 2024**.** All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons 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 their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

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

***Not Applicable* (N/A)** – not applicable.
Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million or milligrams per liter
Parts per billion (ppb) or Micrograms per liter - one part per billion or micrograms per liter
Parts per trillion (ppt) or nanograms per liter- *ppt* (ng/l)
Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.
Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
Treatment Technique (TT) **-** A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.
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 in 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 contamination.
Minimum Residual Disinfectant Level – 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.

Entry Point Disinfectant Residual (Franklin)							
Contaminant	**Minimum Disinfectant Residual**	**Lowest Level Detected**	**Range of Detections**	**Units**	**Lowest Sample Date**	**Violation Y/N**	**Sources of Contamination**
Chlorine (2024) Entry Point 110 Ninth Street Plant	0.40	0.47	0.47-1.79	ppm	5/7/24	N	Water additive used to control microbes.
Chlorine (2024) Entry Point 111 Barrett's Flats Water Plant	1.04	0.95*	0.95*-1.82	ppm	2/26/24	N	Water additive used to control microbes.

***Although this Lowest Level Detected is below the Minimum Disinfectant Residual the required level was reached within the required 4-hour time frame.**

Chemical Contaminant	**MCL**	**MCLG**	**Highest Level Detected**	**Range of Detections**	**Units**	**Sample Date**	**Violation Y/N**	**Sources of Contamination**
Nitrate (Franklin)	10	10	1.36	0.35-1.36	(ppm)	1/9/24	N	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Arsenic (Franklin)	10	0	2.00	0-2.00	(ppb)	2/6/24	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Barium (Franklin)	2	2	0.233	0.0444-0.233	(ppm)	2/6/24	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium (Franklin)	100	100	3.46	2.27-3.46	(ppb)	2/6/24	N	Discharge from steel and pulp mills; Erosion of natural deposits
Selenium (Franklin)	50	50	5.77	0.00-5.77	(ppb)	2/6/24	N	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines
Perfluorooctanoic acid (PFOA) (Franklin)	14	8	0.84125 (Average of 8 Samples)	0.00-2.50	(ppt)	2024	N	Discharge from manufacturing facilities and runoff from land use activities
Perfluorooctanesulfonic acid (PFOS) (Franklin)	18	14	0.229 (Average of 8 Samples)	0.00-0.942	(ppt)	2024	N	Discharge from manufacturing facilities and runoff from land use activities
Chlorine (Distribution) (Sandycreek Twp.)	MRDL=4	MRDLG=4	1.13 (May 2024)	0.43-1.13	(ppm)	2024 Weekly	N	Water additive used to control microbes
Trihalomethanes (TTHM) (Distribution) (Sandycreek Twp.)	80	N/A	69.90	65.50-69.90	(ppb)	8/13/24	N	By-product of drinking water chlorination
Haloacetic Acids (Distribution) (Sandycreek Twp.)	60	N/A	14.80	10.20-14.80	(ppb)	8/13/24	N	By-product of drinking water disinfection

Lead and Copper 2022								
Contaminant	**Action Level (AL)**	**MCLG**	**90th Percentile Value**	**Range of Tap Sampling Results**	**Units**	**# of Sites Above AL of Total Sites**	**Violation Y/N**	**Sources of Contamination**
Lead	15	0	0.00	0.00-1.29	ppb	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits
Copper	1.3	1.3	0.285	0.00-0.415	ppm	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives

Lead: 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. Sandycreek Township is responsible for providing high quality drinking water and removing lead pipes but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact Sandycreek Township at 814-432-3372. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at. www.epa.gov/safewater/lead.

A lead service line inventory was completed in 2024, and it was determined there were no lead service lines in our distribution system. To access the service line inventory, contact Sandycreek Township at 814-432-3372.

Violations*:* In December of 2024 we monitored for Distribution Chlorine but had a reporting error to the PA Department of Environmental Protection resulting in a monitoring/reporting error. This error has since been corrected.

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.

The sources of drinking water (both tap 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 from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metal, can be naturally-occurring or result from urban storm water runoff, 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 storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

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 Safe Drinking Water Hotline at 1-800-426-4791.

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

If you would like a copy of the 2024 Annual Drinking Water Quality Report for the General Authority of the City of Franklin, please contact the City of Franklin at 437-1430 or by mail at Franklin City Hall, 430 Thirteenth Street, Franklin, PA 16323.

Please call our office at 432-3372 if you have any questions.