ANNUAL DRINKING WATER QUALITY REPORT
Grampian Borough/Penn Township Municipal Authority
P.O. Box 105 Grampian, Pa. 16838

PWS. 6170021

Este informe contiene informacion muy importante sobre su agua potable.Traduzcalo o hable con alguien que lo entienda bien.

Quality

We're pleased to present you with this year's Annual Drinking Water Quality Report. This report is designed to inform you about the quality water and service we deliver to you every day. We are committed to ensuring the quality of our water. We purchase our water completely treated from the Pike Township Municipal Authority. The primary source of water is Bear Run Reservoir, and the secondary source is Anderson Creek. Our drinking water meets all State and Federal requirements.

MONITORING YOUR WATER

The Grampian-Borough Penn Township Municipal Authority and Pike Township Municipal Authority routinely monitor the constituents in your drinking water according to State and Federal laws. The tables on pages (2 & 3) show the results of monitoring for the period of January 1st, 2022 through December 31st2022 However, some results from previous years are used as current results for this monitoring period as noted in the footnotes on page 2. All drinking water, including bottled water, may be reasonably expected to contain at least a small amount of constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk. Also on pages (1 &2) you might find some terms and abbreviations that you may not be familiar with. To help you better understand these terms we've provided the following definitions:

Parts per Million (ppm) or Milligrams per liter- One part per million corresponds to one minute in 2 years or a single penny in $ 10,000.00.

Parts per billion (ppb) or Micrograms per liter- One part billion corresponds to one minute in 2,000 years or a single penny in $ 10,000,000.00.

Picocuries per liter (pCi/L)- Picocuries is a measure of radioactivity in water.

Maximum Contaminant Level Goal- The "Goal" (MCLG) is the level of a contaminant in drinking water below which there are no known or expected risks to health. MCLG's allow for a margin of safety.

Maximum Contaminant Level- The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

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

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 contamination.

MCL'S

MCL's are set at very stringent levels for health effects. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have one in a million chance of having the described health effect

INORGANIC CONTAMINANTS TABLE

Contaminat (Unit of Measure)	Violation (Y/N)	Level Detected	Range	MCLG	MCL	Likely Source of Contamination
1.Lead (ppb)	No Tested 7-12-2022	< 0.005 (ppb)	(B)& (C)	0	AL-15	Corrosion of household plumbing systems, erosion of natural deposits.
2.Copper (ppm)	No Tested 7-12-2022	<0.249 (ppm	(B)(C)(D)	1.3	AL-1.3	Corrosion of household Plumbing
*3. Barium	No	<0.25(ppm)	* (A)	2	2	Erosion of natural deposits
*4. Fluoride (ppm)	No	<1.000 (ppm)	* (A)	4	4	Erosion of natural deposits

RADIOACTIVE CONTAMINANTS

Contaminant and Unit of Measure	Violation (Y/N)	Level Detected	Range	MCLG	MCL	Likely Source of Contamination
*Radium 226 (pCi/L)	No	0.6	(*A)	0	5	Decay of natural deposits

DISINFECTION BYPRODUCTS

Contaminant (Units)	Violation (Y/N)	Level Detected	Range	MCLG	MCL	Likely Source of Contamination
TTHMs Trihalomethanes	No	<0.060	(E)	N/A	0.080	Byproduct of drinking water chlorination
HAA5s. Haloacetic Acids	No	0.021	(E)	N/A	0.060	Byproduct of drinking water disinfection
Chlorine Residual	No	0.99	(F)	MRDLG-4	MRDL-4	Available Water Disinfectant.

RANGE (*A) Monitoring results are collected by Pike Twp.Municipal Authority.

FOOTNOTES: (B) None of the 10 samples collected exceeded the Action Levels (AL)

(C) Monitoring results were collected in 2022 by GBPTMA . Range (C) samples are collected every 3 years.

(D) Level detected above is highest level detected in all samples.

(E) One sample taken for 2022.

(F) Samples are collected 4 times per month. Weekly average.

We're proud that your drinking water meets or exceeds all State and Federal requirements. We have learned through our monitoring and testing that some constituents have been detected but have little effect on the safety of the water being consumed.

WATER CONTAMINATION POTENTIAL

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, 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 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 synthetics and volatile organic chemicals, which 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.

All sources of drinking water are subject to potential contamination by constituents that are naturally occurring or manmade. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. All 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 risks can be obtained by calling the ***Environmental Protection Safe Drinking Water Hotline (800) 426-4791.***

VULNERABILITY

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 at risk from infections. These people should seek advice 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.***

ABOUT THE AUTHORITY

We want our customers to be informed about their water utilities. Our regularly scheduled meetings are held the first Thursday of every month at 4:00 p.m. at the Grampian Borough-Penn-Township Municipal Authority Building.

PROVIDE & PROTECT

The staff of the Grampian Borough-Penn Township Municipal Authority and Pike Municipal Authority work around the clock to provide top quality water to every tap. We ask that all of our customers help us protect our water resources, which are the heart of our community, our way of life and our children's future.

QUESTIONS OR COMMENTS

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