

2023 ANNUAL DRINKING WATER QUALITY REPORT

Este informe contiene informacion ml(J importante sobre su agua de beber. Traduzcalo 6 hable con alguien que lo entienda bien. (This report contains very important information about your drinking water. Translate it, or speak with someone who understands it.)

WATER SYSTEM INFORMATION:

We are pleased to report that our drinking water currently meets Federal and State requirements. This report shows our water quality and what it means. If you have any questions about this report or concerning your water utility, please contact Mr. Joel Pilgert at 215-679-5194 ex. 6. We want you to be informed about your water supply. If you want to learn more, please attend any of our regularly scheduled meetings. They are held the 1st Monday of every month at 7:00PM.

SOURCE(S) OF WATER:

Our water sources are the Perkiomen Creek and a ground water well located in Upper Hanover Township.

A Source Water Assessment of our sources was completed in 2003 by the PA Department of Environmental Protection (PADEP). Overall, our sources have moderate risk of significant contamination. Summary reports of the Assessment are available by writing to East Greenville Borough, 206 Main Street, East Greenville, PA 18041 and is available on the PADEP website at www.depgreenport.state.pa.us/elibrary/GetFolder?FolderID=4536 . Complete reports will be distributed to municipalities, water supplier, local planning agencies, and PADEP offices. Copies of the complete report are available for review at the PADEP Southeast Regional Office, Records Management Unit at (484) 250-5900.

**EAST GREENVILLE
BOROUGH
WATER DEPARTMENT**

206 Main Street
East Greenville, PA 18041

www.egreenville.org

Office: 215-679-5194
Water Plant: 215-679-5194 ex. 6
Fax: 215-679-3931
Email: watersupv@egreenville.org

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 microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

MONITORING YOUR WATER:

We routinely monitor for contaminants in your drinking water according to federal and state laws. The following tables show the results of our monitoring for the period of January 1, 2023 to December 31, 2023. 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 Drinking Water Act. The date has been noted on the sampling results table. In some instances, contaminant levels can be out of compliance for short periods without it being a compliance violation. For instance, chlorine residuals have a 4 hour time period to return to above the minimum threshold.

DEFINITIONS AND ABBREVIATIONS,

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.

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

DETECTED SAMPLE RESULTS:

Contaminant	Action Level (AL)	MCLG	90 th Percentile Value	Units	# of Sites Above AL of Total Sites	Violation of TT Y/N	Sources of Contamination
Lead	15	0	3.9	ppb	0/10	N	Corrosion of household plumbing.
Copper	1.3	1.3	0.328	ppm	0/10	N	Corrosion of household Plumbing.

Chemical Contaminant	MCL in CCR units	MCLG	Level Detected	Range of Detections	Units	Sample Date	Violation YIN	Sources of Contamination
Arsenic (ppb)	10	0	0	na	ppb	6/06/23	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Nitrate (ppm)	10	10	1.95	1.84-1.95	ppm	10/03/23	N	Runoff from fertilizer use; Leach-ing from septic tanks, sew-age; Erosion of natural deposits
1,1-Dichloro-ethylene (ppb)	7	7	1.9	na	ppb	10/03/23	N	Discharge from industrial chemical factories
1,1,1-Trichloro-ethane	200	200	<0.5	Na	Ppb	10/03/23	N	Discharge from industrial chemical factories
TTHM	80	N/A	28.4	4-54	ppb	Quarterly 2023	N	By-product of drinking water chlorination
Chlorine (ppm)	MRDL=4	MRDL=4	0.81	0.50-0.81	ppm	Done Monthly 2023	N	Water additive used to control microbes
Haloacetic Acids (five)	60	N/A	18.4	1 - 38	ppb	Quarterly 2023	N	By-product of drinking water chlorination

ppm = parts per million, or milligrams per liter (mg/L)

ppq = parts per quadrillion, or picograms per liter

ppt = parts per trillion, or nanograms per liter

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ENTRY POINT DISINFECTANT RESIDUAL:

Contaminant	Minimum Disinfectant Residual	Lowest Level Detected	Range of Detections	Units	Sample Date	Violations Y/N	Sources of Contamination
Chlorine EP 101	0.20	0.12	0.12 - 1.93	ppm	8/23/2023	N	Water additives used to control microbes.
Chlorine EP 102	0.50	0.09	0.09-1.53	ppm	5/23/2023	N	Water additives used to control microbes.

When entry point Chlorine levels drop below the minimum allowance, the system has 4 hours to get the residual back above the minimum to avoid violation.

Contaminant	Range of% Removal Required	Range of Percent Removal Achieved	Number of Quarters Out of Compliance	Violation Y/N	Source of Contamination
TOC	25	30	0	N	Naturally present in the environment

Total Organic Carbon (TOC) Alternative Compliance Criteria (ACC) used to determine compliance with TT

Contaminant	MCL	MCLG	Level Detect-	Sample Date	Violation of TT Y/N	Source of Contamination
Turbidity	TT=1 NTU for a single measurement	0	NTU 0.149	6/12/23	N	Soil runoff
	TT= at least 95% of monthly samples 0.3 NTU		100%	1/2023-12/2023	N	

Other Violations

A tier 3 notice was issued for a SCADA monitoring issue. The entry point chlorine was not monitored due to a computer program shutdown. There was no health risk to the public. The notice follows the ccr.

A NOV was issued for a TTHM/HAA5 sample being taken in the incorrect week.

A NOV was issued for a late sample for Endothall.

Special Educational Statement for Arsenic, and Lead:

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 East Greenville Water Department 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>.*

EDUCATIONAL INFORMATION:

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 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 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 storm water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can 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.

In order to ensure that tap water is safe to drink, EPA and DEP prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. FDA and DEP regulations establish limits for contaminants in bottled water that 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 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).

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Water Savings

- A dripping faucet is more than annoying-it's expensive. Even small leaks can waste significant amounts of water. Hot water leaks are a waste of water and energy.
- When using a hose, control the flow with an automatic shutoff nozzle.
- Operate the dishwasher only when completely full.
- Sweep driveways, sidewalks, and steps rather than hosing them off.
- Avoid purchasing water toys that require a constant stream of water.

Knowing how to read your water meter will help you keep an eye on your water conservation efforts, check for leaks, and save money. Monitor your usage by reading your meter regularly. Check for leaks by turning off all taps in your home and then looking at the meter. If the meter is still detecting water flowing, chances are you have a leak somewhere. Your water meter is located either in your basement where the water line comes into the house or near your water heater in a closet. The meter looks and reads like an odometer. To find out how much water you have used in any given period, subtract the reading of the first day of the period from the next reading. The meter reads usage in gallons.

EAST GREENVILLE BOROUGH WATER DEPT.
206 MAIN STREET
EAST GREENVILLE, PA 18041

PUBLIC NOTICE

**IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER
 FAILURE TO MONITOR**

**ESTE INFORME CONTIENE INFORMACIÓN IMPORTANTE ACERCA DE SU AGUA POTABLE. HAGA QUE
 ALGUIEN LO TRADUZCA PARA USTED, O HABLE CON ALGUIEN QUE LO ENTIENDA.**

Monitoring Requirements Not Met for East Greenville Borough

Our water system violated several drinking water standards over the past year. Even though these were not emergencies, as our customers, you have a right to know what happened and what we did to correct these situations.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During March 29, 2024 we failed to monitor for the following contaminants and therefore cannot be sure of the quality of our drinking water during that time.

What should I do?

There is nothing you need to do at this time.

The table below lists the contaminant(s) we did not properly test for during the last year, the required sampling frequency, how many samples we took, when samples should have been taken, and the date on which corrective action samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When all samples should have been taken	When samples were or will be taken
Entry Point Chlorine Residual	every 4 hours	0	every 4 hours	N/A

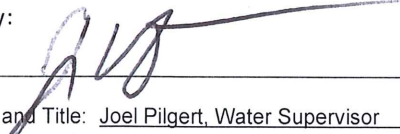
What happened? What was done? When will it be resolved?

The SCADA system had a program shutdown that stopped real-time chlorine monitoring resulting in missed samples. The issue has been resolved with help from our I.T. contractor. Available real time and historical data was used to determine the absence of a public health risk.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

For more information regarding this notice, please contact Joel Pilgert at 267-228-1732.

Certified by:

Signature: 

Date: 5/23/24

Print Name and Title: Joel Pilgert, Water Supervisor

As a representative of the Public Water system indicated above, I certify that public notification addressing the above violation was distributed to all customers in accordance with the delivery requirements outlined in Chapter 25 PA Code 109 Subchapter D of the Department of Environmental Protection (DEP's) regulations. The following methods of distribution were used: CCR

PWS ID#: 1460023

Date distributed: June 1 2024