

# 2022 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.)*

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## **WATER SYSTEM INFORMATION:**

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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.

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## **SOURCE(S) OF WATER:**

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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](http://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](http://www.egreenville.org)**

Office: 215-679-5194

Water Plant: 215-679-5194 ex. 6

Fax: 215-679-3931

Email: [watersupv@egreenville.org](mailto: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, 2022 to December 31, 2022. 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 <sup>th</sup> 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	6/28/22	N N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Nitrate (ppm)	10	10	1.64	1.60-1.64	ppm	11/09/22	N	Runoff from fertilizer use; Leaching from septic tanks, sew-age; Erosion of natural deposits
1,1-Dichloroethylene (ppb)	7	7	2.0	na	ppb	11/02/22	N	Discharge from industrial chemical factories
1,1,1-Trichloroethane	200	200	<0.5	Na	Ppb	11/02/22	N	Discharge from industrial chemical factories
TTHM	80	N/A	29.8	9-54	ppb	Quarterly 2022	N	By-product of drinking water chlorination
Chlorine (ppm)	MRDL=4	MRDL=4	0.91	0.53-0.91	ppm	Done Monthly 2022	N	Water additive used to control microbes
Haloacetic Acids (five)	60	N/A	14.1	0 - 35	ppb	Quarterly 2022	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

*ppt* = parts per trillion, or nanograms per liter

**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	0.23	0.23 - 1.51	ppm	9/09/2022	N	Water additives used to control microbes.
Chlorine EP 102	0.50	0.12	0.12-1.29	ppm	12/26/2022	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	50-54.5	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 YIN	Source of Contamination
Turbidity	TT=1 NTU for a single measurement	0	NTU 0.145	10/24/22	N	Soil runoff
	TT= at least 95% of monthly samples 0.3 NTU		100%	1/2022-12/2022	N	

**Other Violations**

In June, a Notice of Violation was issued for missing data on a report. The data had been mistakenly not added to a log sheet.  
 In October, a NOV was issued for a distribution sample being taken a day late.  
 The February, a NOV was issued for a TTHM/HAA5 sample being sampled in the wrong week.

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## Special Educational Statement for Arsenic, and Lead:

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**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>.*

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## EDUCATIONAL INFORMATION:

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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).

In order to ensure that tap water is safe to drink, EPA and DEP prescribes 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).

### **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 NOTIFICATION (PN) CERTIFICATION FORM

Public Water System Name: East Greenville Borough PWSID Number: 1460023

Date of Violation/Situation: 06/01/2022

Description of Violation/Situation: Failure to report distribution sample

Notified DEP (or CHD) within 1 hour Date or NA: NA

Consulted with DEP within 24 hours Date or NA: NA

PN Level:  Tier 1  Tier 2  Tier 3

Type of notice addressed by this certification:  Initial  Repeat

Methods and date of public notice deliveries to customers:

Method: CCR Date: 6/1/23

Method: \_\_\_\_\_ Date: \_\_\_\_\_

Method: \_\_\_\_\_ Date: \_\_\_\_\_

Method: \_\_\_\_\_ Date: \_\_\_\_\_

The public notice included the required elements: a description of the violation/situation; potential health effects; the population at risk; if alternate water supplies need to be used; when the violation/situation occurred; when the system will resolve the violation/situation; what is being done to correct the problem; actions consumers can take; water system contact information; and language encouraging broader distribution of the notice.

A copy of each type of notice that was distributed is attached to this certification form

**Certified by:**

As a representative of the Public Water System (PWS) indicated above, I certify that public notification addressing the above violation/situation was distributed to all customers in accordance with the prescribed content, format, deadlines and delivery requirements outlined in Chapter 25 Pa. Code Chapter 109 Subchapter D of the Department of Environmental Protection (DEP)'s regulations.

Signature:  Date: 6/1/23

Print Name and Title: Joel Pilgert

Phone Number: 267-228-1732

Complete and submit this form to your local DEP office **within 10 days** of issuing the public notification described above. DEP District Office and County Health Department contact information can be found within DEP document number 3930-FM-BSDW0560, which can be located by searching for document number 3930-FM-BSDW0560 in DEP's eLibrary at the following link: <http://www.depgreenport.state.pa.us/elibrary/Search>.

For DEP use only. Checked by: \_\_\_\_\_ Date: \_\_\_\_\_

**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 Distribution Chlorine Sample**

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 \_\_\_\_\_ 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
Chlorine	Weekly	1	6/8/22	6/8/22


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

The sample was not included in the monthly report, resulting in a late report date. The sample was taken on time \_\_\_\_\_.

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: 5/18/23

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: 6/1/23



## PUBLIC NOTIFICATION (PN) CERTIFICATION FORM

Public Water System Name: East Greenville Borough PWSID Number: 1460023

Date of Violation/Situation: 10/01/2022

Description of Violation/Situation: Distribution Sample taken day late

Notified DEP (or CHD) within 1 hour Date or NA: NA

Consulted with DEP within 24 hours Date or NA: NA

PN Level:  Tier 1  Tier 2  Tier 3

Type of notice addressed by this certification:  Initial  Repeat

Methods and date of public notice deliveries to customers:

Method: CCR Date: 6/1/23

Method: \_\_\_\_\_ Date: \_\_\_\_\_

Method: \_\_\_\_\_ Date: \_\_\_\_\_

Method: \_\_\_\_\_ Date: \_\_\_\_\_

The public notice included the required elements: a description of the violation/situation; potential health effects; the population at risk; if alternate water supplies need to be used; when the violation/situation occurred; when the system will resolve the violation/situation; what is being done to correct the problem; actions consumers can take; water system contact information; and language encouraging broader distribution of the notice.

A copy of each type of notice that was distributed is attached to this certification form

**Certified by:**

As a representative of the Public Water System (PWS) indicated above, I certify that public notification addressing the above violation/situation was distributed to all customers in accordance with the prescribed content, format, deadlines and delivery requirements outlined in Chapter 25 Pa. Code Chapter 109 Subchapter D of the Department of Environmental Protection (DEP)'s regulations.

Signature:  Date: 6/1/23

Print Name and Title: Joel Pilgert

Phone Number: 267-228-1732

Complete and submit this form to your local DEP office within 10 days of issuing the public notification described above. DEP District Office and County Health Department contact information can be found within DEP document number 3930-FM-BSDW0560, which can be located by searching for document number 3930-FM-BSDW0560 in DEP's eLibrary at the following link: <http://www.depgreenport.state.pa.us/elibrary/Search>.

For DEP use only. Checked by: \_\_\_\_\_ Date: \_\_\_\_\_

**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 Distribution Chlorine Sample**

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 \_\_\_\_\_ 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
Chlorine	Weekly	1	10/16-10/22	10/23/22

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

The required sample was taken a day after the required time period.

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: 5/18/23

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: 6/1/23



### PUBLIC NOTIFICATION (PN) CERTIFICATION FORM

Public Water System Name: East Greenville Borough PWSID Number: 1460023

Date of Violation/Situation: 02/15/2023

Description of Violation/Situation: TTHM/HAA5 Sample taken late

Notified DEP (or CHD) within 1 hour Date or NA: NA

Consulted with DEP within 24 hours Date or NA: NA

PN Level:  Tier 1  Tier 2  Tier 3

Type of notice addressed by this certification:  Initial  Repeat

Methods and date of public notice deliveries to customers:

Method: CCR Date: 6/1/23

Method: \_\_\_\_\_ Date: \_\_\_\_\_

Method: \_\_\_\_\_ Date: \_\_\_\_\_

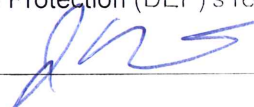
Method: \_\_\_\_\_ Date: \_\_\_\_\_

- The public notice included the required elements: a description of the violation/situation; potential health effects; the population at risk; if alternate water supplies need to be used; when the violation/situation occurred; when the system will resolve the violation/situation; what is being done to correct the problem; actions consumers can take; water system contact information; and language encouraging broader distribution of the notice.

- A copy of each type of notice that was distributed is attached to this certification form

**Certified by:**

As a representative of the Public Water System (PWS) indicated above, I certify that public notification addressing the above violation/situation was distributed to all customers in accordance with the prescribed content, format, deadlines and delivery requirements outlined in Chapter 25 Pa. Code Chapter 109 Subchapter D of the Department of Environmental Protection (DEP)'s regulations.

Signature:  Date: 6/1/23

Print Name and Title: Joel Pilgert

Phone Number: 267-228-1732

Complete and submit this form to your local DEP office **within 10 days** of issuing the public notification described above. DEP District Office and County Health Department contact information can be found within DEP document number 3930-FM-BSDW0560, which can be located by searching for document number 3930-FM-BSDW0560 in DEP's eLibrary at the following link: <http://www.depgreenport.state.pa.us/elibrary/Search> .

For DEP use only. Checked by: \_\_\_\_\_ Date: \_\_\_\_\_



## PUBLIC NOTICE

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

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

#### Monitoring Requirements Not Met for TTHM/HAA5

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 \_\_\_\_\_ 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
TTHM	Quarterly	1	2/15/23	2/21/23
HAA5	Quarterly	1	2/15/23	2/21/23

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

The sample was mistakenly taken in the wrong week. The latest date for sample was 2/18, 3 days prior to the sample date.

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: 2/18/23

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: 6/1/23