

# Consumer Confidence Report (CCR) Certification Form

Name of CWS: Shinglehouse Borough

PWSID Number: 6530013

The community water system (CWS) named above confirms that its CCR for the period of January 1, 2024 through December 31, 2024 has been distributed to customers (and appropriate notices of availability have been given). The system also confirms that the information in the CCR is correct and consistent with the compliance monitoring data previously submitted to the Pennsylvania Department of Environmental Protection (DEP).

**Please check at least one of the following required items that apply to your CCR delivery.**

- CCR was hand-delivered to customers. Date delivered: \_\_\_\_\_
- CCR was distributed by mail. Date mailed: \_\_\_\_\_
- CCR was distributed by other direct delivery method(s). (Check all that apply):
  - Mail notification that CCR is available on website via a direct uniform resource locator (URL)\*  
Direct URL address: www.shinglehouseborough.org Date mailed: 6/25/25
  - E-mail – direct URL to CCR\*
  - E-mail – CCR sent as an attachment to the e-mail\* } Date(s) email sent: \_\_\_\_\_
  - E-mail – CCR sent embedded in the e-mail\*

\* If the CCR was provided electronically, attach a description of how a customer requests a paper copy.

**Please check any of the following additional items that apply to your CCR delivery.**

- "Good faith" efforts were used to reach non-bill paying consumers:
  - posting the CCR on the Internet at www.shinglehouseborough.org
  - mailing the CCR to postal patrons within the service area (attach a list of zip codes used)
  - advertising the availability of the CCR in news media (attach copy of announcement)
  - publication of CCR in local newspaper (attach copy of newspaper announcement)
  - posting the CCR in public places (attach a list of locations)
  - delivery of multiple copies to single bill addresses serving several persons
  - delivery to community organizations (attach a list)
  - electronic newsletter or listserv (attach a copy of the article or notice)
  - electronic announcement of CCR availability via social media outlets (attach list of outlets utilized)
- The CCR was posted on a publicly-accessible Internet site because this system serves 100,000 or more.  
Internet site address: www.\_\_\_\_\_
- Delivered CCR to other agencies as required by the state/primacy agency (attach a list).
- A copy of the CCR and a completed CCR Certification Form have been sent to the DEP district office (or the Allegheny County Health Department) that provides oversight and support of this water system. (See back of form for addresses.)

**Certified by:** Signature:  Print Name: Andrew Bean  
Title: Operator Phone: 814-697-6912 Date: 6/24/25

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

# 2024 ANNUAL DRINKING WATER QUALITY REPORT

**Shinglehouse Borough      PWSID # 6530013**

*Este informe contiene información muy importante sobre su agua de beber. Tradúzcalo ó 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:**

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 Andrew Bean at Telephone # (814) 697-6912. 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 on the second Tuesday of every month at 7:00 PM in the basement of the Shinglehouse Municipal Building.

**SOURCE OF WATER:** Our water source is 2 wells located in the borough.

**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).**

A Source Water Assessment of our sources was completed by the PA Department of Environmental Protection (Pa. DEP). A summary report of the Assessment is available on the Source Water Assessment Summary Reports elibrary web page: [www.elibrary.dep.state.pa.us/dsweb/View/Collection-10045](http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-10045). Complete reports were distributed to municipalities, water supplier, local planning agencies and PADEP offices. Copies of the complete report are available for review at the Pa. DEP North Central Regional Office, Records Management Unit at (570) 327-3675.

**MONITORING YOUR WATER**

Shinglehouse Borough routinely monitors 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 to December 31, 2024. The State allows us to monitor 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.

**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.

**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.

**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)

**ppt (ng/l)** = parts per trillion, or nanograms per liter

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

**ppb** = parts per billion, or micrograms per liter (µg/L)

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

<b>Entry Point Disinfectant Residual</b>							
<b>Contaminant</b>	<b>Minimum Disinfectant Residual</b>	<b>Lowest Level Detected</b>	<b>Range of Detections</b>	<b>Units</b>	<b>Lowest Sample Date</b>	<b>Violation Y/N</b>	<b>Sources of Contamination</b>
Chlorine (2024)							
Entry Point 101	0.72	0.75	0.75-1.51	ppm	10/3/24	N	Water additive used to control microbes.
Entry Point 102	0.45	0.67	0.67-1.12	ppm	1/2/24	N	

**DETECTED SAMPLE RESULTS**

Chemical Contaminant	MCL	MCLG	Highest Level Detected	Range of Detections	Units	Sample Date	Violation Y/N	Sources of Contamination
Chlorine (Distribution)	MRDL=4	MRDLG=4	0.96 (December 2024)	0.80- 0.96	(ppm)	2024	N	Water additive used to control microbes
Nitrate	10	10	1.91	0.00-1.91	(ppm)	9/18/24	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

**Lead and Copper 2022**

Contaminant	Action Level (AL)	MCLG	90 <sup>th</sup> Percentile Value	Range of Tap Sampling Results	Units	# of Sites Above AL of Total Sites	Violation Y/N	Sources of Contamination
Lead	15	0	0.91	0.00-4.09	ppb	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits
Copper	1.3	1.3	0.352	0.0437-0.36	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. Shinglehouse Borough 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 Shinglehouse Borough at (814) 697-6912. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

Shinglehouse Borough prepared a service line inventory that includes the type of material contained in each service line in our distribution system. This inventory can be accessed by contacting us at (814) 697-6912.

**VIOLATIONS:** In 2024 we monitored for Radium-228 and Volatile Organic Chemicals(VOCS), but the results were reported past the required due date to the PA Department of Environmental Protection resulting in Monitoring/Reporting Violations.

**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, may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, 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, are by-products 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.

In order to ensure 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 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).