2024 ANNUAL DRINKING WATER QUALITY REPORT

Crawford Township Authority

PWSID #: 4180062

Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, ó hable con alguien que lo entienda. (This report contains important information about your drinking water. Have someone translate it for you 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 the Crawford Township Authority. 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 2nd Tuesday of every month at 7 pm at the Nippenose Valley Fire Company or call 570-745-3708.

SOURCE OF WATER: Our water source is Gottshall Run (surface water), Falling Spring (surface water).

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 & Protection web* page at: (http://www.dep.state.pa.us/dep/deputate/watermgt/wc/Subjects/SrceProt/SourceAssessment/default.htm). Complete reports were distributed to municipalities, water suppliers, 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) 327-3636.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised people 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 to December 31, 2024. The State allows us to monitor some contaminants less than once per year because the concentration 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:

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 (MinRDL) - The minimum level of residual disinfectant required at the entry point to the distribution system.
Treatment Technique (TT) - A required process intended to reduce the level of a contaminant in drinking water.
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.
Mrem/year = millirems per year (a measure of radiation absorbed by the body)
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)
ppq = parts per quadrillion, or picograms per liter
ppt = parts per trillion, or nanograms per liter

Chemical Contaminants								
Contaminant	**MCL**	**MCLG**	**Highest Level Detected**	**Range of Detections**	**Units**	**Sample Date**	**Violation Y/N**	**Sources of Contamination**
Barium	2	2	0.0139	N/A	ppm	08/09/21	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
(HAA5's) Haloacetic Acids	60	N/A	15.3	6.4 – 15.3	ppb	08/01/24	N	By-Product of drinking water disinfection
TTHMs (Total Trihalomethanes)	80	N/A	10.4	5.9 – 10.4	ppb	08/01/24	N	By-Product of drinking water chlorination
Chlorine (Distribution)	MRDL = 4	MRDLG = 4	0.87 (May 2024)	0.56 – 0.87	ppm	2024	N	Water additive used to control microbes

Entry Point Disinfectant Residual							
Contaminant	**Minimum Disinfectant Residual**	**Lowest Level Detected**	**Range of Detections**	**Units**	**Lowest Sample Date**	**Violation Y/N**	**Sources of Contamination**
Chlorine (2024)	0.20	0.42	0.42 – 1.14	ppm	8/10/24	N	Water additive used to control microbes.

Lead and Copper								
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 (2022)	15	0	1.1	0 - 1.1	ppb	0 out of 10	N	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (2022)	1.3	1.3	0.042	0 – 0.042	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. Crawford Township Authority 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 Crawford Township Authority at 570-745-3708. 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. To access the service line inventory, contact Crawford Township Authority at 570-745-3708.

Turbidity						
Contaminant	**MCL**	**MCLG**	**Highest Level Detected**	**Sample Date**	**Violation Y/N**	**Source of Contamination**
Turbidity	TT=1 NTU for a single measurement	0	0.779 NTU	08/20/24	N	Soil runoff.
	TT= at least 95% of monthly samples≤0.30 NTU		100%	2024	N	

VIOLATIONS:

We were required to monitor for Radiologicals (gross alpha, radium 226, radium 228, or uranium) during the fourth quarter of 2024. We failed to monitor during the required time frame but monitored late on 04/09/2025. A Public Notification further describing this violation is included at the end of this report.

We were required to also collect and analyze a weekly distribution sample for chlorine. On 10/24/24, the sample was not collected and analyzed. It was later collected on 10/31/24, which was considered late. A Public Notification further describing this violation is included at the end of this report.

Crawford Township Authority attempts to always provide the safest and most cost-effective water supply to its customers. Inadequately treated water may contain disease-causing organisms. These organisms, which include bacteria, viruses, and other pathogens, may be harmful. The water supply is filtered and disinfected and meets or exceeds all state and federal safe drinking water standards. No MCL or treatment technique violations were detected in 2024.

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 stormwater 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 stormwater 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 stormwater 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).

3930-FM-BSDW0196b Rev. 5/2025
Form

Pennsylvania
Department of
Environmental Protection

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER

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 Crawford Township Authority

Our water system violated one or more 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 the 4th quarter of 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
Gross Alpha Particle	Every 9 years	1	4th Qtr 2024	April - 2025
Radium 226 / Radium 228	Every 9 years	1	4th Qtr 2024	April - 2025
Combined Uranium	Every 9 years	1	4th Qtr 2024	April - 2025

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

We were required to monitor for Radiologicals as listed above during the 4th quarter of 2024. We failed to monitor during the required time frame, but monitored late on 4/9/25.

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 Jodi Muthler at 570-660-7879.

Certified by:

Signature: Jodi Lynn Muthler Date: 06/27/25

Print Name and Title: Jodi Lynn Muthler, System Operator / Circuit Rider

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: *Enclosed in the 2024 CCR*

3930-FM-BSDW0196b 7/2020

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER

PWS ID#: 4180062

Date distributed: 06/30/25

3930-FM-BSDW0196b Rev. 5/2025
Form

Pennsylvania
Department of
Environmental Protection

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER

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 Crawford Township Authority

Our water system violated one or more 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 October of 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
Chlorine	Every week	0	10/24/24	10/31/24

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

We were required to monitor distribution chlorine residual every Thursday and on 10/24/24, the chlorine residual was not collected and analyzed, but was analyzed late on 10/31/24.

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 Jodi Muthler at 570-660-7879.

Certified by:

Signature: Jodi Lynn Muthler Date: 06/27/25

Print Name and Title: Jodi Lynn Muthler, System Operator / Circuit Rider

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: *Enclosed in the 2024 CCR*

3930-FM-BSDW0196b 7/2020

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF SAFE DRINKING WATER

PWS ID#: 4180062

Date distributed: 06/30/25