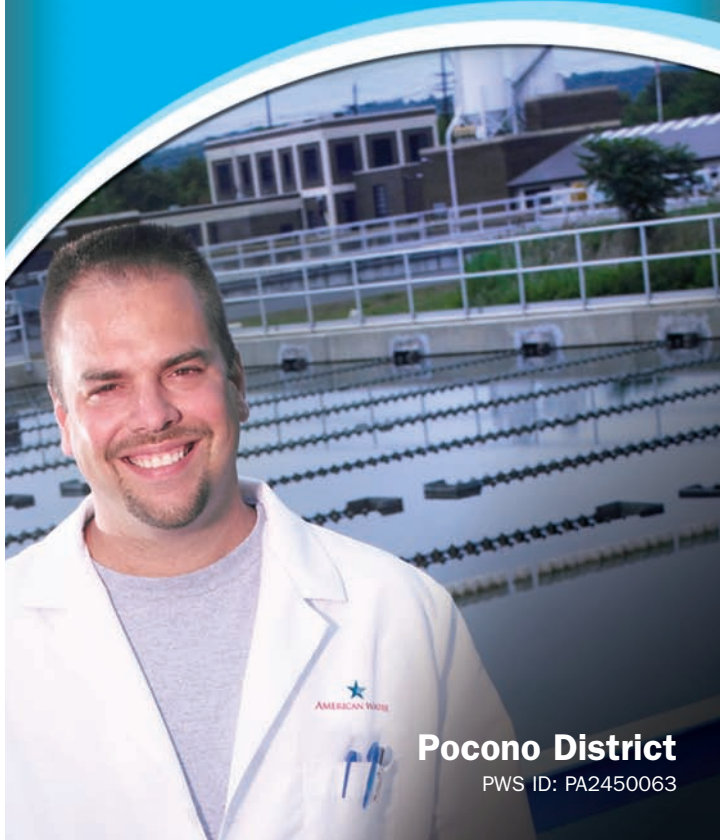


2008 Annual Water Quality Report



Pocono District
PWS ID: PA2450063

A Message from Kathy Pape, President

As a trusted leader in the industry, Pennsylvania American Water places a strong emphasis on sharing information with customers about the quality of the water service we provide.

One way we do this is by providing annual reports with the results of the tests that we perform on the water delivered to your home. Please review this Consumer Confidence Report (CCR), which outlines information that is applicable to your local water system for tests completed through December 2008. You'll find that we provide water that surpasses or meets all federal and state water quality regulations. In fact, we often address regulations well before they go into effect.

Just as important, Pennsylvania American Water makes the necessary investments to maintain and upgrade its facilities, so that we can deliver quality water directly to your tap 24 hours a day, seven days a week.

Our customers are our top priority, and we are committed to providing you with the highest quality drinking water and service possible now and in the years to come. In addition to this written report, you can view information about Pennsylvania American Water and your water system on our website at www.pennsylvaniaamwater.com. For more information or if you have any questions about this report, please contact Pennsylvania American Water's Customer Service Center at (800) 565-7292.

Sincerely,

Our Mark of Excellence

Founded in 1886, American Water is the largest investor-owned U.S. water and wastewater utility company. With headquarters in Voorhees, N.J., the company employs more than 7,000 dedicated professionals who provide drinking water, wastewater and other related services to approximately 15 million people in 32 states and Ontario, Canada.

We are once again proud to present our annual water quality report. This edition covers all testing completed from January through December 2008. Over the years, we have dedicated ourselves to producing drinking water that meets or surpasses all state and federal drinking water standards. We continually strive to adopt new and better methods of delivering the best quality drinking water to you. As regulations and drinking water standards change, it is our commitment to you to incorporate these changes system-wide in an expeditious and cost-effective manner, while maintaining our objective of providing quality drinking water at an affordable price.

We are pleased to tell you that our compliance with all state and federal drinking water laws remains exemplary. To that end, we remain vigilant in meeting the challenges of source water protection, water conservation, and community education while continuing to serve the need of all our water users.

For more information about this report, or for any questions relating to your drinking water, please feel free to call our Customer Service Department at 1-800-565-7292.

Source Water Information

Nine wells supply the Pennsylvania American Water Company's Pocono District service area. Pennsylvania American Water maintains a treatment facility at each well. All nine treatment facilities combined have a permitted capacity of approximately 2.5 million gallons of water per day (MGD). The water supply is distributed for residential, commercial, and industrial use.

Protecting Your Water Source

The Pennsylvania Department of Environmental Protection (DEP) and Pennsylvania American Water Company completed a draft assessment of the drinking water sources for the Pocono groundwater supplies in 2003. The water sources were considered most vulnerable to the following potential impacts: animal feedlots, auto repair and gas service stations, industrial parks, underground petroleum storage tanks, and swimming pools. The final public meeting and report were completed in 2004.

A summary of the completed Source Water Assessment is available from the DEP and may be viewed on their website at www.dep.state.pa.us. Additional information can also be obtained by calling the local office of the DEP at (570) 826-2511. Pennsylvania American Water Company encourages you to take an active part in protecting your water supply by participating in local watershed activities as they occur in your area.

Other Water Quality Parameters of Interest

Is there lead in your water?

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. Pennsylvania American Water Company 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>.

Does your water contain nitrates?

Pennsylvania American Water Company's normal range of nitrate levels is below the MCL of 10 ppm. Nitrate enters the water supply from fertilizers used on farms and natural erosion of deposits in the watershed. Levels above 10 ppm are a health risk for infants under six months of age and can cause blue baby syndrome. Check with your physician if you have questions.

How hard is your water?

Hardness is a measure of the concentration of two minerals naturally present in water – calcium and magnesium. High hardness levels cause soap not to foam as easily as it would at lower levels. Hardness levels from the individual sources typically ranges from 30 ppm to 84 ppm, or 2 to 5 grains per gallon of water.

How much sodium is in your water?

The sodium level from all sources combined averages approximately 33 ppm with the individual sources ranging from 5 ppm to 67 ppm.

What is the pH (acidity) range of your water?

Water produced by the treatment facilities averages 7.3 pH units. A pH of 7.0 is considered neutral, neither acidic nor basic.

Is there fluoride in your water?

Pennsylvania American Water Company does not add fluoride to your water supply.

Water Quality Statement

We are pleased to report that during the past year, the water delivered to your home or business complied with all state and federal drinking water requirements. For your information, we have compiled a list in the table below showing what substances were detected in your drinking water during 2008. The Pennsylvania DEP allows us to monitor for some contaminants less than once per year because the concentration of the contaminants does not change frequently. Some of our data, though representative, are more than one year old. Although all of the substances listed below are under the Maximum Contaminant Levels (MCL) set by the U.S. Environmental Protection Agency and the Pennsylvania DEP, we feel it is important that you know exactly what was detected and how much of each substance was present in the water.

Water Quality Results

Regulated Substances (Measured on the Water Leaving the Treatment Facilities)								
Substance (units)	Year Sampled	MCL	MCLG	Highest Amount Detected	Range Low-High	Compliance Achieved	Typical Source	
Barium (ppm) ¹	2003 - 2007	2	2	0.033	ND - 0.033	Yes	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	
Chromium (ppb) ¹	2003 - 2007	100	100	2	ND - 2	Yes	Discharge from steel and pulp mills; erosion of natural deposits	
Nitrate (ppm)	2008	10	10	1.98	0.52 - 1.98	Yes	Runoff from fertilizer use; leaching from septic tanks; erosion of natural deposits	
Alpha Emitters (pCi/L) ²	2003 - 2008	15	0	2.97	ND - 2.97	Yes	Erosion of natural deposits	
Combined Radium (pCi/L) ^{2,3}	2003 - 2008	5	0	2.69	ND - 2.69	Yes	Erosion of natural deposits	
Uranium (ppb) ^{2,4}	2003 - 2008	30	0	2.2	ND - 2.2	Yes	Erosion of natural deposits	
<p>¹ Includes the most recent results from each facility; sampling was conducted during different years for each facility from 2003 through 2007.</p> <p>² The results include one facility sampled during 2008, one during 2007 and one during 2006; all other facilities were sampled during 2003.</p> <p>³ The result represents a combined value for Radium 226 and Radium 228. Both are analyzed separately with the results summed for compliance determination.</p> <p>⁴ The results include a substituted value applied to a single sample from each of five treatment facilities where applicable; analysis for uranium was not performed at these locations. This substituted value is a standardized value based on the level of alpha emitters detected as specified in the Radiological Rule. Alpha emitters were not detected in samples collected and analyzed from these treatment facilities and the substituted value was applied. The Highest Amount Detected represents this substituted value. Results from the remaining treatment facilities where sampling and analysis for uranium was actually performed ranged from ND to 0.61 ppb.</p>								
Pocono District Bacterial Results (from the Distribution System)								
Substance (units)	Year Sampled	MCL	MCLG	Highest Number of Positive Samples	Compliance Achieved	Typical Source		
Total Coliforms (number of positive samples) ⁵	2008	1 positive sample during the month	Zero bacteria	1	Yes	Naturally present in the environment		
<p>⁵ One distribution system sample out of 20 routine monthly samples collected in August, 2008 tested total coliform positive and E. coli negative; subsequent check samples were negative for both total coliform and E. coli. All other routine monthly distribution system samples collected throughout 2008 tested negative for total coliform bacteria.</p>								
Pocono District Tap Water Samples: Lead and Copper Results								
Substance (units)	Year Sampled	Action Level	MCLG	Number of Samples	90th Percentile	Number of Samples Above Action Level	Compliance Achieved	Typical Source
Lead (ppb) ⁶	2007	15	0	30	12	3	Yes	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm) ⁶	2007	1.3	1.3	30	0.334	0	Yes	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
<p>⁶ AL (action level) applies and is based on the 90th percentile value of all samples collected for compliance within the distribution system; 90% of all samples must be equal to or lower than the AL. Three out of a total of thirty sample results were above the established 15 ppb AL for Lead. All sample results were below the established AL for Copper.</p>								
Other Compounds (Measured in the Distribution System)								
Substance (units)	Year Sampled	MCL/MRDL	MCLG/MRDLG	Results	Range Low - High	Compliance Achieved	Typical Source	
Total Trihalomethanes (TTHM) (ppb) ⁷	2008	80	NA	1.83	ND - 21.1	Yes	By-product of drinking water chlorination	
Haloacetic Acids (HAA5) (ppb) ⁷	2008	60	NA	0.37	ND - 2.0	Yes	By-product of drinking water chlorination	
Free Chlorine Residual (ppm) ⁸	2007	4	4	0.88	0.70 - 1.12	Yes	Added as a disinfectant to the treatment process	
<p>⁷ MCL (maximum contaminant level) applies and is based on a Running Annual Average calculated quarterly. Sample sets were collected each quarter and the levels detected at each location within the sets averaged. These quarterly averages were then used to calculate a Running Annual Average each quarter. The first, second and third quarter Running Annual Averages include data reported during the previous year. The Result represents the highest Running Annual Average calculated quarterly for compliance during the entire year. For TTHM this occurred during the third quarter of the year which includes values from 2007. The Range represents the results at individual sample locations from all four quarters during 2008.</p> <p>⁸ MRDL (maximum residual disinfectant level) and MRDLG (maximum residual disinfectant level goal) apply and are based on a Running Annual Average calculated quarterly. Routine samples were collected monthly with the results from all locations averaged each month. The monthly average results were then used to calculate a Running Annual Average each quarter. The first, second and third quarter Running Annual Averages include data reported during the previous year. The Result represents the highest running annual average calculated quarterly for compliance during the entire year. This occurred during the fourth quarter of the year. The range represents the range of monthly average results reported for compliance during 2008.</p>								
Non-Regulated Substances (Measured on the Water Leaving the Treatment Facilities)								
Substance (units)	Year Sampled	Highest Amount Detected		Range Low-High		Typical Source		
MtBE (ppb)	2007 - 2008	0.7		ND - 0.7		Gasoline additive		
Radon (pCi/L)	2005	3,530		ND - 3,530		Naturally occurring		

How to Read This Table

In general, start with a **Substance** and read across the table. **Year Sampled** will be in 2008 or earlier depending on the frequency required by the regulations. **MCL** shows the highest level of each substance (contaminant) allowed. **MCLG** is the goal level for that substance (the goal may be set lower than what is allowed). **Highest Amount Detected** represents the highest measured amount (less is better). In some cases compliance is based on calculated values or values other than the **Highest Amount Detected**. In these instances the Results are shown with notations that explain the regulatory requirements. **Range** tells the highest and lowest amounts measured. A **Yes** under **Compliance Achieved** means the amount of the substance met government requirements. **Typical Source** tells where the substance usually originates.

Non-regulated substances are measured, but maximum allowed contaminant levels have not been established by the government. These contaminants are shown for your information.

Definitions of Terms Used in This Report

- **AL (Action Level):** The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements, which a water system must follow.
- **MCL (Maximum Contaminant Level):** 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.
- **MCLG (Maximum Contaminant Level Goal):** 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 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 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.
- **NA:** Not applicable
- **ND:** Not detected
- **pCi/L (picocuries per liter):** Measurement of the natural rate of disintegration of radioactive contaminants in water (also beta particles).
- **ppm (parts per million):** One part substance per million parts water, or milligrams per liter.
- **ppb (parts per billion):** One part substance per billion parts water, or micrograms per liter.
- **90th Percentile:** The result or value in a range of results where 90% of all the results are equal to or lower than that value.
- **%:** Percent

Substances Expected to be in Drinking Water

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. Pennsylvania American Water's treatment processes are designed to reduce any such substances to levels well below any health concern and the processes are controlled to provide maximum protection against microbial and viral pathogens which could be naturally present in surface and groundwater. 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 U.S. Environmental Protection Agency's Safe Drinking Water Hotline (800) 426-4791.

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 may 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 EPA's Safe Drinking Water Hotline (800) 426-4791.

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 may result from urban stormwater 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 stormwater runoff, and residential uses.

Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and may also come from gas stations, urban stormwater runoff, and septic systems.

Radioactive Contaminants, which can be naturally occurring or may be the result of oil and gas production and mining activities.

How to Contact Us

Additional copies of this report can be obtained by calling our Customer Service Department at 800-565-7292. Electronic copies of this document can be obtained by logging on to our website www.pennsylvaniaamwater.com. Further information can be obtained by calling our Customer Service Department or by viewing information on the Internet sites below:

Pennsylvania American Water

www.pennsylvaniaamwater.com

Pennsylvania Department of Environmental Protection

www.dep.state.pa.us/

United States Environmental Protection Agency

www.epa.gov/safewater

Safe Drinking Water Hotline: (800) 426-4791

Centers for Disease Control and Prevention

www.cdc.gov

American Water Works Association

www.awwa.org

Radon

Radon is a radioactive gas that you can't see, taste, or smell. It is found throughout the United States. Radon can move up through the ground and into a home through cracks and holes in the foundation. Radon can build up to high levels in all types of homes. Radon can also get into indoor air when released from tap water from showering, washing dishes, and other household activities. Compared to radon entering your home through soil, radon entering the home through tap water will in most cases be a small source of radon in indoor air. Radon is a known human carcinogen. Breathing air containing radon can lead to lung cancer. Drinking water containing radon may also cause increased risk of stomach cancer. If you are concerned about radon in your home, test the air in your home. Testing is inexpensive and easy. Fix your home if the level of radon in your air is 4 picocuries per liter of air or higher. There are simple ways to fix a radon problem that aren't too costly. For additional information, call the State DEP Radon Division Hotline at 800-237-2366 or call EPA's Radon Hotline at (800) SOS-RADON.



800 W. Hershey Park Drive
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Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.