

MONT ALTO MUNICIPAL AUTHORITY

PWSID #: 7280040

Consumer Confidence Report

FOR THE YEAR 2008

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:

We're pleased to present to you this year's Consumer Confidence Report. This report is designed to inform you about the water quality and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensure the quality of your water.

This report shows our water quality and what it means. If you have any questions about this report or your water system, please contact **the Mont Alto Borough Office at (717) 749-5808**. We want our valued customers to be informed about their water system. If you want to learn more, please attend any of our regularly scheduled **Mont Alto Municipal Authority** meetings. They are held **on the second Monday of the month at the Mont Alto Borough Office located at 3 North Main Street, Mont Alto PA, at 6:30 p.m. prevailing time.**

SOURCES OF WATER:

Our water sources are:

The Mont Alto Water System currently supplies potable water from three ground water sources. The first source being the Pearl of the Park Spring located at 6100 Staley Road, Quincy Township, on the western flank of South Mountain, in a densely wooded area that will remain largely undeveloped. This spring appears to have been developed and permitted in 1914. The second source being Well #1 located west of Mont Alto Road, approximately 1,000 feet southwest of the intersection of Mont Alto Road and S.R. 997. The well was developed in 1969. The third source being Well #3 located adjacent to the Pearl of the Park Spring. This well was developed in 2007.

We're pleased to report that our drinking water meets or exceeds federal and state requirements.

MONITORING YOUR WATER:

The PA State Certified Operators of the Mont Alto Municipality Authority's Water System routinely monitor for contaminants in your drinking water according to federal and state laws. The following tables show the results of the most recent testing. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants, do not necessarily pose a health risk.

DEP request that we make a statement that the lab we use did not send in to DEP the results of our 3rd quarter total coliform testing in a timely manner. The sample for the total coliform test was taken by the Mont Alto Municipal Authority within the required time frame for the 3rd quarter (07-16-2008) but the lab failed to report to DEP the results by August 10, 2008 as required.

IF YOU ARE THE OWNER OF RENTAL PROPERTY, A BULK WATER HAULER/BUSINESS OR SCHOOL, IT IS YOUR RESPONSIBILITY TO PROVIDE YOUR TENANTS/CUSTOMERS/STUDENTS WITH A COPY OF THIS REPORT. THIS REPORT MAY BE REPRODUCED.

DEFINITIONS AND ABBREVIATIONS:

In this table you will find many terms and abbreviations that you might not be familiar with. To help you better understand these terms we've provided the following 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 "Maximum Allowed" is 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 "Goal" is 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 treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Non-Detects (ND) – Laboratory analysis indicates that the contaminant is not present at a detectable level.

Parts per million (ppm) or Milligrams per liter (mg/l) – One part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter – One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or Nanograms per liter (nanograms/l) – One part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) or Picograms per liter (picograms/l) – One part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

Picocuries per liter (pCi/L) – Picocuries per liter is a measure of the radioactivity in water.

VOC – Volatile Organic Chemicals

IOC – Inorganic Chemicals

ML – Milliliter

TEST RESULTS:**NON-DETECT LIST**

VOC's	Date: 02-06-08
1,1,1 - Trichloroethane	.0005 mg/L
1,1,2 - Trichloroethane	.0005 mg/L
1,1 - Dichloroethene	.0005 mg/L
1,2,4 - Trichlorobenzene	.0005 mg/L
1,4 - Dichlorobenzene	.0005 mg/L
1,2 - Dichloroethane	.0005 mg/L
1,2 - Dichloropropane	.0005 mg/L
1,2 - Dichlorobenzene	.0005 mg/L
Benzene	.0005 mg/L
Carbon tetrachloride	.0005 mg/L
Chlorobenzene	.0005 mg/L
cis-1,2 - Dichloroethene	.0005 mg/L
Ethylbenzene	.0005 mg/L
Methylene chloride	.0005 mg/L
Styrene	.0005 mg/L
Tetrachloroethene	.0005 mg/L
Toluene	.0005 mg/L
trans-1,2-Dichloroethene	.0005 mg/L
Trichloroethene	.0005 mg/L
Vinyl chloride	.0005 mg/L
Xylenes	.0005 mg/L

Date:

TOTAL COLIFORM	ND	Tested every month
Total Coliform	ND	Tested every month
E-Coli		

TEST RESULTS:

DETECT LIST

Radioactive Contaminants Date: 10/13/08	Results						Violation Y/N	Sources of Contamination
Gross Alpha	1.91 pCi/L						No	Erosion of natural deposit is the likely source AL - 5 pCi/L MCL 15 pCi/L

Radioactive Contaminants Date: 02/06/08	Results						Violation Y/N	Sources of Contamination
Radium -226	.220 pCi/L						No	Erosion of natural deposit is the likely source MCL - 5 pCi/L
Radium – 228	.574 pCi/L						No	Erosion of natural deposit is the likely source MCL - 5 pCi/L

NITRATES Date: 07/16/08	Results						Violation Y/N	Sources of Contamination
Nitrate as N	2.36 mg/L						No	Fertilizer from farming is the likely source AL 4.5 mg/l MCL 10mg/l

TRIHALOME-THANS								Violation Y/N	Sources of Contamination
Date: 07/16/08	Results								
Total TTHM	.053 mg/L							No	By-product of drinking water chlorination. MCL .08 mg/l

HALOACETIC ACIDS								Violation Y/N	Sources of Contamination
Date: 07/16/08	Results								
Total Haloacetic Acids	.006 mg/L							No	By-product of drinking water chlorination. MCL .06 mg/l

TEST RESULTS:

DETECT LIST

CHLORINE	Results Highest monthly average	Range of detection						Violation Y/N	Sources of Contamination
Date: 01-01-08 to 12-31-08									
Chlorine (ppm)	1.70 ppm	.4 -1.90 ppm						No	Water additives used to control microbes. MRDL 4.0 ppm MRDLG 4.0 ppm

SUMMARY:

As you can see in the tables, not all detects were for the year 2008. The state allows for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

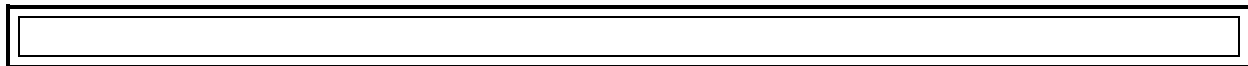
MCL's are set at very stringent levels for health effects. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a million chance of having the described health effect.

All sources of drinking water are subject to potential contamination by constants that are naturally occurring or man made. Those constituents can be microbes, organic or inorganic chemicals, or radioactive materials. All 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)**.

A source Water Assessment of our sources of water was completed in 2007 by the PA Department of Environmental Protection. The Assessment has found that our sources are potentially most susceptible to road deicing materials, accidental spills along the road, development and pesticides applied to agriculture lands. Overall, our sources have moderate risk of significant contamination. Summary reports of the Assessment are available by writing to: Mont Alto Borough, P O Box 427, Mont Alto, PA 17237, Attention: Patricia A. Kocek. Copies of the complete report are available for review at the PADEP South Central Regional Office, Records Management Unit at (717) 705-4732.

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 provide. EPA/CDC (Center for Disease Control) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbiological contaminants are available from the 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 treatments plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, which 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 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 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 (Food and Drug Administration) establish limits for contaminants in bottled water which must provide the same protection for public health.

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply, we sometimes need to make improvements that will benefit all of our customers. These improvements are sometimes reflected as rate structure adjustments. Thank you for understanding.

All of the individuals involved with the Mont Alto Water System work around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Sincerely,

David Monn
Mont Alto Municipal Authority
Chairperson