2014 ANNUAL DRINKING WATER QUALITY REPORT

PWSID #: 7010020 NAME: Biglerville Water Company

Este informe contiene información muy importante sobre su agua potable. 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 **Doug Hays** at 717-677-8802.
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 first Tuesday of every month at the Boro Office (33 Musselman Ave). Call **Sandi Vazquez** at 677-9488 for more information.

SOURCE(S) OF WATER:

Our water sources are groundwater 3 wells.

Well # 5 EP102	1 mi. west of square
Well # 6 EP101	½ mi. S.W. of square
Well # 7 EP103	½ mi. S.W. of square

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 to December 31, 2014. 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.

INFORMATION ABOUT 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. Biglerville 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.*

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 wate. 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.

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

DETECTED SAMPLE RESULTS:

Chemical Contaminant	MCL In CCR Units	MCLG	Highest Level Detected	Range of Detections	Units	Violation Y/N	Sources of Contamination
Chlorine	MRDL = 4	MRDL = 4	.84	.22/.84	ppm	N	Water additive used to control microbes
Trihalomethanes (TTHM) 7/2014	80	N/A	20.95	19.5/22.4	ppb	N	By-product of drinking water chlorination
Nitrate 2/2014	10	10	3.41	2.27/3.41	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Combined Uranium 1/2012	30	0	2.93	2.52/2.93	ug/l	N	Erosion of natural deposits
HAA5 7/2014	60	N/A	1.5	1/2	ppb	N	By- product of drinking water disinfection

Contaminant	Action Level (AL)	MCLG	90th Percentile Value	Units	# of Sites Above AL of Total Sites	Violation Of TT Y/N	Sources of Contamination
Lead 7/2013	15	0	0	ppb	0	N	Corrosion of household plumbing
Copper 7/2013	1.3	1.3	.246	ppm	0	N	Corrosion of household plumbing

Entry Point Disinfection Residual							
Contaminant	**Minimum Disinfectant Residual**	**Lowest level Detected**	**Range of Detections**	**Units**	**Sample Date**	**Violation**	**Sources of Contamination**
Chlorine	0.40	0.40	.40/1.73	ppm	2014	N	Water additive used to control microbes

No MCL'S or Treatment Techniques were exceeded.

VIOLATIONS AND RENOVATIONS

We had no reporting violations in 2014. Nine water leaks were repaired in 2014. Four water leaks, we had to shut the water off to repair the leaks, causing boil water notices to be put in affect and five leaks were repaired under pressure. The areas affected were one on Ditzler Ave. three on East York St. and five on South Main St.

Also enclosed in this report is an information update form for our Swift Reach Auto Dialer system. If our contact information isn't current, we are unable to keep residents and water customers informed of important information. Please fill out the form and return it to

Biglerville Borough at 33 Musselman Ave. Biglerville Pa. 17307

Water/Wastewater Operator

Doug Hays

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, 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 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, which 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).

OTHER INFORMATION:

Biglerville Water Company routinely monitors for contaminants in your drinking water according to Federal and State law. This table shows all contaminants that were detected and does not include any non- detected contaminates.