



Center Township Water Authority

Annual Drinking Water Quality Report for 2006

www.ctwa.us

Este informe contiene información muy importante sobre su agua beber.

Tradúzcalo ó hable con alguien que lo entienda bien.

Business Office: 224 Center Grange Road • Aliquippa, PA 15001 • Tel: 724-774-7960

Maintenance Office: 200 Fairview Drive • Monaca, PA 15061 • Tel: 724-774-7766

Introduction

This is the Annual Drinking Water Quality Report for 2006.

This report is designed to inform you about the quality and services we deliver to you every day. Our goal is to provide a dependable supply of drinking water from our water source of four (4) wells located along the Ohio River. We want you to understand the efforts we put forth to continually improve the

water process and protect our water resources. We are committed to ensuring the quality of your water.

We are pleased to report that our drinking water meets Federal and State requirements. If you have any questions about this report, please contact the Center Township Water Authority at 724-774-7766 Monday through Friday from 7 a.m. to 3 p.m.

We want our customers to be informed about their water utility. You

may attend any of our regularly scheduled meetings which are held on the third Tuesday of each month at 7 p.m. at the Authority's office located at 224 Center Grange Road.

The Center Township Water Authority routinely monitors for constituents in your drinking water according to Federal and State laws. A table on the next page shows the results of the latest monitoring required by regulation for the period from Jan 1 through Dec 31 of the Year 2006.

Definitions

The tables on Page 15 contain terms and definitions that may be unfamiliar to you. To help you understand these terms, we have provided the following definitions:

Parts per million (ppm) — One part per million. Corresponds to one minute in two years or a single penny in \$10,000.

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

Picocurie Unit per liter (pCi/L) — One trillionth of a Curie unit per liter of water.

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 — The "Maximum Allowed" (MCL) is the highest level of a contaminant allowed in drinking water. MCL's are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal — The "Goal" (MCLG) 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.

We are proud that your drinking water meets or exceeds all Federal and State requirements.

All sources of drinking water are subject to potential contaminants, either naturally or man-made. These constituents may 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 the 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 at 1-800-426-4791.

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 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 microbiological contaminants are available from the safe Drinking Water Hotline at 1-800-426-4791.

In keeping with our pledge to provide a good drinking water source, the Department of Environmental Protection has approved and recognized the efforts of the Center Township Water Authority for its Wellhead Protection Plan. This plan assists in protecting the wells from possible contaminants from entering the wells and protects public health and safety.

We at the Center Water Authority work around the clock to provide quality water to every tap. We ask all our customers to help us protect our water resources, which are the heart of our community, our way of life and our children's future.

Bill paying made easy

Save yourself time — not to mention a First Class postage stamp — by making your water/sewer service bill payment at the Center Water Authority's drive-through window.

Keep the bill ready in your car, and make payment with a check at the window located at the rear of the Center Township Municipal Complex main building at 224 Center Grange Road.

You may also slip your payment through a convenient payment slot during off-hours.

TEST RESULTS						
Inorganic Contaminants						
Contaminants (unit of measurement)	Violation? Y/N	Level Detected	Range	MCLG	MCL	Likely Source of Contamination
Barium (ppm)	N	0.09 (9/18/02)	(a)	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Copper (ppm)	N	1.17 (7/16/04)	(b)	1.3	AL=1.3	Corrosion of household plumbing systems; Erosion of natural deposits
Fluoride (ppm)	N	0.3 (9/18/02)	(a)	2	2	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead (ppb)	N	8.0 (7/16/04)	(b)	0	AL=15	Corrosion of household plumbing systems; Erosion of natural deposits
Nitrate (as nitrogen) (ppm)	N	0.28 (7/24/06)	(a)	10	10	Runoff from fertilizer use; Leaching from septic tanks; sewage, erosion of natural deposits
Radium 226 (pCi/L)	N	0.0-0.13 (1/09/06-10/04/06)		0	5	Erosion of natural deposits
Radium 228 (pCi/L)	N	0.0-0.275 (1/09/06-10/04/06)		0	5	Erosion of natural deposits
Volatile Organic Contaminants						
TTHMs (Total trihalomethanes) (ppb)	N	2.0 (7/24/06)	(a)	n/a	80	By-product of drinking water disinfection
Haloacetic Acids	N	0.0 (7/24/06)	(a)	n/a	60	By-product of drinking water disinfection
VOC	N	0.0 (7/24/06)	(a)	n/a	n/a	Business or industrial discharges

Footnotes:

- (a) - Samples were taken on the dates shown. These are the latest samples required by regulation.
- (b) - These are the 90th percentile results. All samples were below the Action Level.

We also analyzed water samples for the following constituents, but we did not detect these compounds:

Inorganic Contaminants (9/02)	Volatiles Organic Contaminants (7/06)	
Antimony	Benzene	Trichloroethylene
Arsenic	Carbon Tetrachloride	Toluene
Beryllium	Chlorobenzene	Xylenes
Cadmium	o - Dichlorobenzene	
Chromium	p - Dichlorobenzene	
Cyanide	1,2 - Dichloroethane	Unregulated Contaminants (6/03)
Mercury	1,1 - Dichloroethylene	Perchlorate, total
Nickel	cis - 1,2 - Dichloroethylene	DCEPA acid degradate
Selenium	trans - 1,2 - Dichloroethylene	Methyl-t-butyl ether
Thallium	Dichloromethane	Nitrobenzene
	1,2 - Dichloropropane	4,4" - DDE
	Ethylbenzene	Acetochlor
	Styrene	2,4 - Dinitrotoluene
Microbiological Contaminants	Tetrachloroethylene	2,6 - Dinitrotoluene
Total Coliform (Tested monthly)	1,2,4 - Trichlorobenzene	EPTC
	1,1,1 - Trichloroethane	Molinate
	1,1,2 - Trichloroethane	Terbacil

2006

**Annual Drinking Water Quality Report
Center Township Water Authority**

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Randy Stewart

Water Emergency Telephone Numbers

- CTWA Plant, 7 a.m. to 3 p.m., Monday through Friday: 724-774-7766
- After Hours: 724-773-3109 (Beaver County Emergency Services Center)
- "Dial 9-1-1"

**Center Township
224 Center Grange Road
Aliquippa, PA 15001**

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