

The Brighton Township Municipal Authority

June, 2007

PWSID: 5040017

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1300 Brighton Road
Brighton Township, PA 15009



WATER
At Your Service

BRYAN K. DEHART
Administrative Manager

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Operating Manager

NED MITROVICH
Engineer

SAMUEL J. ORR, III
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(724) 774-4800

ANNUAL DRINKING WATER QUALITY REPORT FOR 2006

We are pleased to present this year's Annual Drinking Water Quality Report. This report is designed to inform you about the water quality and services we deliver to you every day. Our goal is to provide a dependable supply of drinking water to our customers. Brighton Township Municipal Authority is a water purveyor, purchasing 100% of its water from Vanport Township Municipal Authority. We are committed to customer service and insuring 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:

**Brighton Township Municipal Authority at (724) 774-4800
Monday through Friday, 8:00 AM - 4:30 PM.**

We want our customers to be informed about their water quality. You may attend our regular Monthly Meeting scheduled on the **third Monday of each month at 8:00 P.M.** at the Municipal Building located at 1300 Brighton Road.

The Brighton Township Municipal Authority routinely monitors for constituents in your drinking water according to Federal and State laws. The following table shows what constituents were detected during the period of January 1st to December 31st for 2006.

In the table are terms and abbreviations you may not be familiar with. To help you understand these terms we have provided definitions on the reverse side.

Este informe contiene informacion muy importante sobre su agua de beber. Traduzcalo o hable con alguien que lo entienda bien. (This report contains very important information about your drinking water. Translate it, or speak to someone who understands it.)

Contaminants (unit of measurement)	Violation	Level Detected	Range	MCLG	MCL in CCR units	Likely Source of Contamination	
- INORGANIC CONTAMINANTS -							
Barium (ppm) Sampled 2004 - Vanport	No	0.12	(a)	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.	
Copper (ppm) Sampled 2004 - BTMA - 20 samples (90th percentile)	No	0.26	(b)	AL=1.3	1.3	Corrosion of household plumbing systems, erosion of natural deposits, and leaching from wood preservatives. (90th percentile copper=0.23) Sample meets copper requirements for safe drinking water set by PaDEP	
Fluoride (ppm) Sampled 2004 - Vanport	No	0.18	(a)	2	2	Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum factories.	
Lead (ppb) Sampled 2004 — BTMA (90th percentile)	No	0.0	(b)	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits. (90th percentile lead=0) Sample meets lead requirements for safe drinking water set by PaDEP	
Nitrate (ppm) (as Nitrogen) Sampled 2006 — Vanport	No	4.20	(a)	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits. Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.	
Chlorine Low Range: 0.597 ppm — High Range: 0.825 ppm						Brighton Township Municipal Authority takes 9 Bacteriological Samples at specific locations. The Chlorine residual is monitored at each location when the sample is taken. The Chlorine residual readings are averaged each month. The high and low residuals are listed at left.	
- RADIOLOGICAL CONTAMINANTS -							
Radium 226 (ppm) Sampled 10/25/02 - Vanport	No	1.02	(a)	0	5	Erosion of natural deposits.	
Combined Uranium (pCi/L) Sampled 10/25/02	No	0.279	(a)	0	30	Erosion of natural deposits **not in effect until Dec. 8, 2003	
- ORGANIC CONTAMINANTS -							
Sampled 8/29/2006							
					Result	Action Level	
Total Trihalomethanes						0.0616 mg/l	0.0800
Chloroform						0.0173 mg/l	0.0800
Dichlorobiomomethane						0.0170 mg/l	0.0800
Chlorodibiomomethane						0.0178 mg/l	0.0800
Biomofom						0.0095 mg/l	0.0800
Total Haloacetic Acids						0.0016 mg/l	0.0600
Monochloroacetic Acid						0.0016 mg/l	0.0600
Trichloroacetic Acid						0.0016 mg/l	0.0600
Dibromoacetic Acid						0.0000 mg/l	0.0600
Dichloroacetic Acid						0.0000 mg/l	0.0600
Monobromoacetic Acid						0.0000 mg/l	0.0600
(a) Only one sample required during a monitoring period. The results are from samples taken on the date shown with results. This is the most recent sample required by the regulation.							
(b) This is the 90th percentile result. All 20 samples taken showed results below the Action Level.							
(c) These tests were taken although not required by regulation.							

The Brighton Township Municipal Authority

1300 BRIGHTON ROAD
BEAVER, PENNSYLVANIA 15009



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In the table on the reverse side are terms and abbreviations you may not be familiar with. To help you understand these terms we have provided the following definitions:

Parts per million (ppm) or Milligrams per liter (mg/l) - One part per million corresponds to one minute in 2 years or one penny in \$10,000.

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

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. 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. MCLG allows for a margin of safety.

Pennsylvania DEP Consumer Confidence Report Data - Valid Violations Generated by PADWIS Compliance Runs for 2006 for BRIGHTON TOWNSHIP MUNICIPAL AUTHORITY

(PWSID: 5040017 - COMMUNITY, ACTIVE, Observations: 4 -- eFACTS site ID: 442028)

***According to the information above, our system had no violations.
Consequently, we are proud that
your drinking water meets or exceeds all Federal and State Requirements.***

*** In 1989 Vanport Township Municipal Authority found Trichloroethylene in the ground water supply. Westinghouse Electric Corporation constructed two air stripping towers to remove this constituent before it becomes drinking water. Construction of these towers was completed and on-line in February 1990. Since that time, the system is maintained and operated by the Vanport Township Municipal Authority staff. The testing indicates the constituent is within the MCL levels established by the Federal and State agencies. For more information call the USEPA and Safe Drinking Water Hotline at 1-800-426-4791.*

*Brighton Township Municipal Authority is constantly monitoring the water supply for various other constituents. **According to the information here, our system had no violations; consequently, we are proud that your drinking water meets or exceeds all Federal and State Requirements.***

All sources of drinking water are subject to potential contamination, either naturally occurring or man made. Those 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 a small amount 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 Safe Drinking Water Hot Line 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 transplant, 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 **1-800-426-4791**.*

We ask all our customers to help us protect our water resources.

*Sincerely,
Brighton Township Municipal Authority*