



We're very pleased to provide you with this year's Annual Drinking Water Quality Report and the City of Allentown's Annual Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year.

Salisbury Township currently serves 3,211 customers. At this time our water system is a distribution system only. The water we provide our customers is obtained from the City of Allentown. Our goal is to provide you with quality drinking water. Allentown's raw water sources include Schantz Spring, Crystal Spring, Little Lehigh Creek and the Lehigh River. Finished water is produced at the newly renovated treatment plant and high lift pumping station which was completed in 1998 at a total project = \$23,500,500.

Highlights of Salisbury's distribution system include approximately 60 miles of water main ranging in diameter from 4 to 12 inches; a Pump Station; a 300,000 gallon storage tank rehabilitated in 1998; a 500,000 gallon Hydropillar rehabilitated in 1993; and an interconnect with Lehigh County Authority was also constructed in 1993 prior to the rehabilitation of our Hydropillar. It remains as part of our Emergency Response system.

We are pleased to report that our drinking water meets federal and state requirements. If you have any questions about this report or your water utility, please contact the Public Works Department at (610) 797-4000. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled Commissioner's meetings. They are held on the second and fourth Thursday of every month at 2900 S. Pike Avenue as noted in the Township Newsletter / Calendar.

Salisbury Township routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31st, 2004. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

TEST RESULTS						
Inorganic Contaminants						
Contaminant (Unit of measurement)	Violation Y/N	Level Detected	Range	MCLG	MCL	Likely Source of Contamination
Copper (ppm)	N	.56	(a)	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (ppb)	N	11	(a)	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Volatile Organic Contaminants						
Contaminant (Unit of measurement)	Violation Y/N	Level Detected	Range	MCLG	MCL	Likely Source of Contamination
TTHM [Total trihalomethanes] (ppb)	N	15.6	7.4 - 25.9	0	100	By-product of drinking water chlorination
Haloacetic Acids (ppb)	N	14	5 - 14	n/a	60	By-product of drinking water chlorination

**Footnotes:** (a) None of the 20 samples we collected exceeded the action level.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

**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.

**Action Level** - 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 that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

The City of Allentown has monitored its raw water supply for various constituents. Cryptosporidium has been periodically present in the Little Lehigh Creek, but has NEVER been detected in the finished water. We believe it is important for you to know that cryptosporidium may cause serious illness in 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. These people should seek advice from their health care providers.

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 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. 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.

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 (800-426-4791). Salisbury Township's water distribution system is serviced and maintained by our Utility Department which can be reached at (610) 797-4000 through our Public Works Department. After hours emergencies can also be reported at (610) 797-4000 and handled through our answering service.

A copy of the City of Allentown's 2004 Drinking Water Quality Report can be viewed online at their Water Resources Website at <http://www.allentownwater.org>.

# Kid's Korner

Print this page and try to complete these fun activities.

How much water do we use in a day?

Try to match the activities on the left with the amounts on the right.. (Answers are upside down at bottom of page)

- |                            |                    |
|----------------------------|--------------------|
| 1. Taking a bath or shower | a. 4 - 7 gallons   |
| 2. Washing the dishes      | b. 180 gallons     |
| 3. Flushing the toilet     | c. 1/2 gallon      |
| 4. Drinking                | d. 30 gallons      |
| 5. Watering the lawn       | e. 15 - 30 gallons |
| 6. Washing clothes         | f. 1 gallon        |
| 7. Brushing teeth          | g. 15 - 60 gallons |

Answers: 1-e, 2-g, 3-a, 4-c, 5-b, 6-d, 7-f

Try to find the words below and become a  
*Blue Thumb Partner*

BATTERIES	LEAKS	RECYCLE
CLEAN	NATURE	SAFE
CONTAMINATE	OIL	TAP
DRINK	PAINT	TOXIC
FERTILIZER	PESTICIDE	TREATMENT
GASOLINE	POLLUTE	WATER SOURCES
HAZARDOUS	PROTECT	WELLS

