



The City of Hillsboro
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The City of Hillsboro 2008 Annual Water-Quality Report

At the City of Hillsboro Water Treatment Plant, we are proud of the fine drinking water we provide. This is our annual water quality report. It shows the source of our water, lists the results of our tests, and contains important information about water and health. The City of Hillsboro Water Treatment Plant staff will notify you immediately if there is any reason for concern about our water.

We encourage public interest and participation in our community's decisions affecting drinking water. Regular monthly utility committee meetings take place as notified in the Times Gazette and on Time Warner Channel 15.

Water Sources and Source Water Assessment

The City of Hillsboro's water comes entirely from surface sources. These sources include Clear Creek, the Selph Road reservoir, and the Liberty Park reservoir. In 2004, the Ohio EPA completed a source water assessment of all watersheds that could affect the water supplies for the City of Hillsboro. A source water assessment is a tool that is used to find possible areas of access for contamination of the source water supply. Some areas of access were found during the assessment. These areas are being monitored and access minimized where possible. The City of Hillsboro also has an emergency connection with the Highland County Water Company. During 2008, we used 0 gallons from this connection.

What are sources of contamination to drinking water?

The sources of 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: (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operation and wildlife; (B) Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; (D) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are the by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; (E) radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

The EPA requires regular sampling to ensure drinking water safety. The City of Hillsboro conducted sampling for bacteria; inorganic; total chlorine; synthetic organic chemicals; volatile organic chemicals; lead and copper; total organic carbon and disinfection by-product contaminants during 2008. Samples were collected for a total of over 75 different contaminants, most of which were not detected in the City of Hillsboro potable water. The Ohio EPA requires us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently.



The City of Hillsboro 2008 Safe Drinking Water Report

Important Facts Concerning:

The Safety of Your Drinking Water
 The Source of Your Drinking Water
 The Regulations of Contaminants