

Village of Granville

141 East Broadway
PO Box 514
Granville, OH 43023

The Village of Granville prepares this report to provide information on the quality of water supplied to our customers between January 1, 2016 and December 31, 2016. This report is required by the Safe Drinking Water Act of 1996.

Village of

Granville

Ohio

2016 Water Quality Report

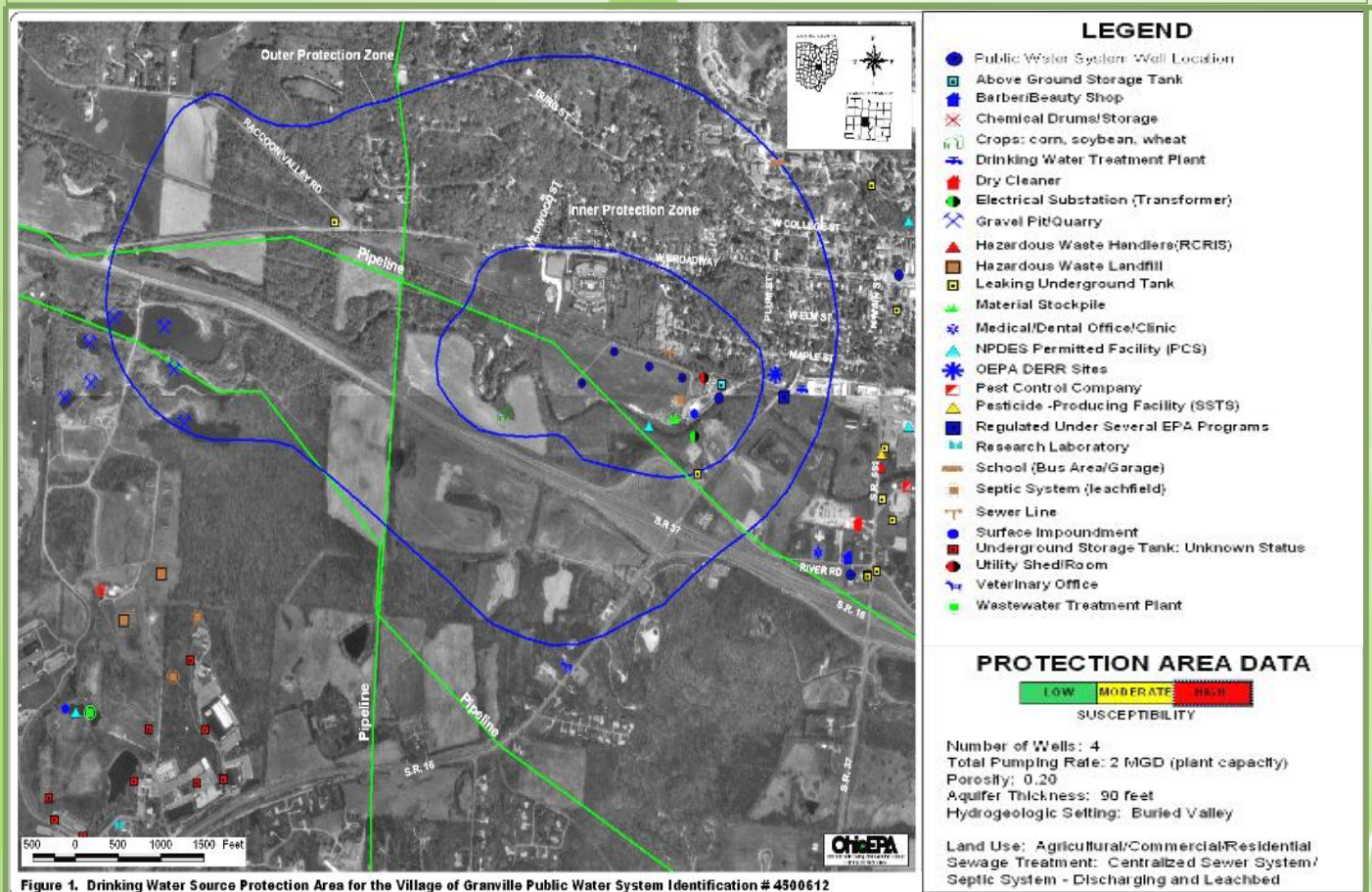
What's in your water?

2016 Water

What is the source of my water?

The Village of Granville's water supply is designated as a ground water supply. Granville's water comes from a well field near Raccoon Creek adjacent to the water treatment plant, on a 20-acre site owned by the Village of Granville. Currently, the Village operates three wells. There is an Ohio EPA Superfund site near the Village's well field that the EPA has been monitoring for at least 23 years.

The aquifer that supplies drinking water to the Village has a high susceptibility to contamination due to the sensitivity of the aquifer, the number and types of potential contaminant sources, and historical detections of soil and ground water contamination. This sensitivity does not mean that the Granville well field will become contaminated, only that the likelihood of contamination is relatively high. Future contamination can be avoided by implementing protective measures as outlined in our Ohio EPA endorsed Source Water Protection Plan. The Source Water Protection Plan is enforced and administered by the Village Wellhead Protection Team. In case of an emergency, the Village of Granville has connections to the City of Newark's water mains at two locations. These emergency connections have never been used to supply Granville with water. For more information, call Water Plant Superintendent Larry Fruth at 740-587-0165.



Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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.

Delivering a continuous supply of safe, high-quality

Quality Report

Listed below are contaminants found in the Village of Granville drinking water.

Contaminants (units)	MCL	MCLG	Level Found	Range of Detection	Violation	Year Sampled	Typical Source of Contaminants
Inorganic Contaminants							
Fluoride (ppm)	4	4	1.03 AVG	0.89 - 1.19	NO	2016	water additive promoting strong teeth; erosion of natural deposits
Barium (ppm)	2	2	0.027	NA	NO	2015	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper (ppm) (AL)	1.3	0	0.068	NA	NO	2016	Corrosion of household plumbing
Note: Zero out of twenty samples were found to have copper in excess of the action level of 1.3 parts per million.							
Gross Alpha (pCi/L)	15	15	6.08	NA	NO	2015	Erosion of natural deposits
Total Trihalomethanes (ppb)	80	NA	55.0	15.0 - 55.0	NO	2016	by-product of drinking water disinfection
Haloacetic Acids 5 (ppb)	60	NA	<6.0	<6.0	NO	2016	by-product of drinking water disinfection

Contaminant	MRDL	MRDLG					
Average Total							
Chlorine Residual (ppm)	4	4	1.0	0.9 - 1.2	NO	2016	water additive used to control microbes

All routine total coliform samples in 2016 were found to be safe / total coliform negative.

Definitions

MCL—Maximum Contaminant Level, or the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible by using the best available treatment technology.

MCLG—Maximum Contaminant Level Goal, or 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.

MRDL—Maximum Residual Disinfectant Level is the average total chlorine residual from routine monthly bacteria sample sites.

MRDLG—Maximum Residual Disinfectant Level Goal.

AVG—Yearly average of daily fluoride concentrations at entry point to distribution system.

ppm—parts per million or milligrams per liter are a measure of the concentration of a contaminant.

ppb—parts per billion or micrograms per liter are a measure of the concentration of a contaminant.

pCi/L: picocuries per liter (a measure of radioactivity).

NA—not applicable and/or these compounds currently have no MCL and/or MCLG.

AL—Action Level, or the concentration of a contaminant which, when exceeded, triggers treatment or other requirements, which a water system must follow.

Total Trihalomethanes—TTHM is the sum of the concentrations of chloroform, bromodichloromethane, dibromochloromethane and bromoform

Haloacetic Acids (5)—HAA5 is the sum of the concentrations of mono, di, and trichloroacetic acids and mono and dibromoacetic acids.

Is our water system meeting rules that govern our operations?

The Ohio Environmental Protection Agency requires the Village to test and report our water quality on a regular basis to ensure its safety. We have always met all of these requirements. We want you to know that we pay careful attention to all of the rules.

License to Operate The Village of Granville has a current, unconditioned license to operate our water system.

and good tasting water for the residents of Granville.



Consumer information for users of water from the Village of Granville water system

Why are there contaminants in my water?

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 1-800-426-4791.

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 storm water runoff, 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 storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.
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In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

Lead Education

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. The Village of Granville is responsible for providing high quality drinking water, but cannot control materials used in plumbing components. When water has been sitting for several hours, you can minimize the potential for lead exposure by flushing the tap for thirty seconds to two minutes, before using. If concerned, have your water tested. Information regarding lead in water, testing methods and ways to minimize exposure is available from the Safe Drinking Water Hotline at 800-426-4791 or at www.epa.gov/safewater/lead.

How can I get involved?

If you are interested in participating in the decision making process, you may attend Village Council meetings at 141 East Broadway, on the 1st and 3rd Wednesdays of each month at 7:30pm. Public participation and input are always welcome.

For more information, comments, or questions regarding this report, your drinking water, plant processes, please contact Water Superintendent Larry Fruth at 740-587-0165.

For questions regarding your water/sewer/refuse bill, contact the Utility Clerk at 740-587-1400.

