



QUALITY ON TAP CITY OF EAST JORDAN ANNUAL WATER REPORT

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SAFE DRINKING WATER ACT

The Safe Drinking Water Act requires all Public Water systems to issue an annual report to its customers telling them what substances and how much of each are in their water.

We invite the public to call with any questions they might have about this report.

City Hall is Open Monday through Friday, 8:00 a.m. to 5:00 p.m.

City Administrator: Thomas Cannon

DPW Superintendent: Troy Thomas

Water Treatment Operator:

David Fierstien

WE ARE PLEASED TO REPORT THAT OUR DRINKING WATER IS SAFE AND MEETS FEDERAL AND STATE REQUIREMENTS.

THIS REPORT SHOWS HOW OUR WATER SUPPLY IS KEPT SAFE AND WILL PROVIDE YOU WITH OUR MONITORING INFORMATION AND TESTING RESULTS.

WE WANT OUR VALUED CUSTOMERS TO BE INFORMED ABOUT THEIR WATER UTILITY AND ENCOURAGE ANY QUESTIONS ABOUT THIS RE-

QUALITY ON TAP.....

Special points of interest:

- TERMS AND ABBREVIATIONS USED IN THIS REPORT
- TEST RESULTS
- EXPLANATION OF TEST
- CITY HALL WILL BE CLOSED ON THE FOLLOWING DATES:
- July 4th, September 1st, November 24th & 25th, December 24th & 26th, December 30th and January 2nd

We are very pleased to provide you with this year's Quality on Tap Water Report. We want to keep you informed about the water and services we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water.

In its effort to supply you with the safest possible product, the City of East Jordan chlorinates the water supply against potential contamination from viruses and bacteria. The level of this additive

is monitored daily to ensure proper dosages are being added. Iron is an abundant and widespread constituent of rocks and soil in Northern Michigan. At sufficient concentrations, iron can adversely affect the taste of water and beverages and can leave rust-colored stains on laundry, plumbing fixtures and porcelain.

Our water source is groundwater that is drawn from two different aquifers by three wells located in various parts of our City.

MONITORING INFORMATION

The City of East Jordan routinely monitors for contaminants in your drinking water according to Federal and State laws. The tables on the following pages show results of our monitoring for the period of January 1st to December 31st, 2015.

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 water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (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:

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 by-products 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.

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. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.



Explanation of Test Results

As you can see by the following tables, our system had no violations in 2015. We are proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some contaminants have been detected. The E.P.A. has determined that your water is safe at these levels.

TOTAL COLIFORM RULE

The total Coliform Rule requires water systems to meet a stricter limit for Coliform bacteria. Coliform bacteria are usually harmless, but its presence in water can be an indication of disease-causing bacteria. When Coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If this limit is exceeded, the water supplier must notify the public by newspaper, television or radio. To comply with the stricter regulation, we monitor our system monthly taking samples from different locations in the distribution system.

Water Quality Data

The tables below list all of the drinking water contaminants that we detected during the 2015 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in these tables is from testing done January 1st through December 31st, 2015. The State allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. All of the data is representative of the water quality, but some are more than one year old.

Terms and Abbreviations used below:

- Maximum Contaminant Level Goal (MCLG): 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.
- Maximum Contaminant Level (MCL): 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.
- Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary for control of microbial contaminants.
- Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- N/A: Not Applicable
- ND: Not Detectable at testing limit
- ppb: parts per billion or micrograms per liter
- ppm: parts per million or milligrams per liter
- pCi/l: Picocuries per liter (a measure of radioactivity).
- Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Samples Collected at the Well House:

Regulated Chemical Contaminants	MCL	MCLG	Our Water	Sample Date	Violation Yes/No	Typical Source of Contaminants
Flouride (ppm)	4	4	0.69 (Ave.) Range: 0.51-0.85	Daily	No	Erosion of Natural Deposits; Added for health benefits
Radioactive Contaminants	MCL	MCLG	Our Water	Sample Date	Violation Yes/No	Typical Source of Contaminants
Alpha Emitters pCi/L	15	0	0.36 +/- 1.48 (Ave.)	9/29/15	No	Erosion of Natural Deposits
Combined Radium 226/228 (pCi/L)	5	0	1.18 +/- 0.67 (Ave.)	9/29/15	No	Erosion of Natural Deposits

Samples Collected in the Distribution System:

Contaminants Subject to an Action Level	Action Level, MCL, or MRDL	Our Water	Sample Date	Number of Samples Above AL	Typical Source of Contaminants
Lead (ppb)*	AL = 15	4.8	9/23/2015	0	Corrosion of household plumbing systems; Erosion of natural deposits
Copper (ppm)*	AL = 1.3	0.68	9/23/2015	0	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
Total Trihalomethanes (ppb)	MCL = 80	8.7	8/5/2015	0	Disinfection byproduct
Haloacetic Acids (ppb)	MCL = 60	2.0	8/5/2015	0	Disinfection byproducts

* 90 percent of the samples collected were at or below the level reported for our water

Microbial Contaminants	MCL	MCLG	Positive Samples	Violation Yes/No	Typical Source of Contaminants
Total Coliform Bacteria	1 Positive monthly sample (5% of monthly samples positive)	0	0	No	Naturally present in the environment
Fecal Coliform and E. Coli	Routine and Repeat samples are total coliform positive, and one is also fecal or E. Coli positive	0	0	No	Human and Animal fecal waste

2015 Running Annual Average of Free Chlorine in the Water Distribution System For the City of East Jordan

MRDLG = 4.0 ppm

MCL = 4.0ppm

	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
Quarterly Average	0.25 ppm	0.23 ppm	0.15 ppm	0.19 ppm
Annual Average	0.21 ppm			

In Summary.....

MCL's are set at very stringent levels. To understand the possible health effects described for many regulated contaminants, 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.

In our continuing efforts to maintain a safe and dependable water supply it may be necessary to make improvements in your water system. The costs of these improvements may be reflected in the rate structure. Rate adjustments may be necessary in order to address these improvements.

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). Please call our office if you have questions.



Consumer Confidence Report (CCR) News (Even if Lead is not detected....)

“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 City of East Jordan is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components.

When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-4791 or at www.water.epa.gov/drink/info/lead.”



News from the East Jordan Police Department

Bicyclist, roller blades and skateboards.

Summer is finally upon us, everyone is out of school and we would like to remind everyone, children and adults alike, if you are biking or roller blading be sure to wear a helmet and other protective gear. Please also remember that bikes, roller blades and skateboards are prohibited from being on sidewalks the first two (2) blocks of Main Street and on the basketball and tennis courts on Water Street.

You should expect to see more bicycles on the roadway during this time of year and motorists must understand that bicyclists have all the rights and responsibilities that a driver of any vehicle does. Bicyclists have the right to use and share the road, whether you are a cyclist or motorist, each person should be responsible for looking out for the other. Michigan Vehicle Code does not require bicyclist to ride on the sidewalks because of the safety hazards to the bicyclist and sidewalk users. Although riding single file is safest, cyclists are allowed to ride two-abreast on roads and are not required to use bike lanes.



Weeds & Grass—Code of Ordinances Article III.

Sec.14-47. Weeds to be removed; grass trimmed.

(a) The following words, terms and phrases, when used in this section, shall have the meanings ascribed to them in this subsection, except where the context clearly indicates a different meaning:

Property means lots in an area in which buildings have been erected on 60 percent or more of the lots in the area, or property within 150 feet of another house, and shall mean all areas within 150 feet of a city street.

(b) The owner of any lands within the city limits shall cut down, remove, destroy or otherwise obliterate all ragweed, Canada thistles, milkweed, wild carrots or eye daisies, poison ivy, dodders, mustards, bindweed, perennial sowthistle, hoary alyssum or other plant which is declared by the City Commission to be a nuisance growing on property owned by such person within the city limits.

(c) The owner of any lands within the city limits shall cut down, remove, destroy or otherwise obliterate all weeds and grass that is in excess of ten inches and is in danger to the health or safety of the public or detracts from the appearance of a neighborhood.

(d) This article excludes those lands designated as conservation reserve and all areas of private land which are more than five acres in size, heavily wooded areas which are left in a natural state, steep slopes of more than 50 percent grade and land within 50 feet of a lake, river or stream. (Code 119, §27-27; Ord. of 9-19-1995; Ord. No. 184, 5-7-2002)

Please help in keeping our town look presentable to our neighbors and visitors by keeping our lawns mowed and maintained at all times.

News from the City Administrator

Water & Sewer Billing Upgrade

Beginning this fall, the City will be transitioning into a monthly billing cycle for our water/sewer billing. Throughout the summer the Department of Public Works employees will be installing new metering technology on each of our residential and commercial properties. We don't anticipate a need to schedule individual installations and there is no cost to the utility customer/property owner for this upgrade.

This technological upgrade and monthly billing will allow the City's Water Department to become more efficient and to improve tracking of leaks within the infrastructure. Our goal is to complete the transition and to begin sending monthly bills in September or October. Should you have any questions about the upgrade or billing change, please contact City Hall.

~~On May 18th, 2016 the City held its annual Service Awards ceremony at Elm Pointe. Twenty (20) employees and volunteers were honored at the awards ceremony. They are as follows:~~

Heather Jackson	5 years of service	Ron Moreau	5 years of service
Dave Atkins	5 years of service	Roger Harchis	5 years of service
Luke Herriman	5 years of service	Matthew Testa	5 years of service
Jenny Maher	5 years of service	Angela Nachazel	5 years of service
Clyde Payton	10 years of service	Briann Cary	10 years of service
Brenda Malpass	10 years of service	Sienna Wenz	10 years of service
Dan Bennett	10 years of service	Mark Postma	15 years of service
Rob Scholey	15 years of service	Brent Seese	20 years of service
Herbert McGuire	20 years of service	Mike Burr	25 years of service
Lynn Carson	25 years of service	Tom Sheridan	30 years of service

Congratulations to all of those who received an award! Your service is greatly appreciated.



City of East Jordan
201 Main Street
PO Box 499
East Jordan, MI 49727



Points of interest:

Check out the City's Facebook page for upcoming events & current news from the City.

Address Service Requested

CITY TALK is a publication of:

City of East Jordan

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Annual Water Report

Mayor: Russ Peck 350-8537

City Administrator: Thomas Cannon 536-3381

Commissioners:

Thomas Breakey 536-7892

John Doebel 536-0244

Mark Penzien 536-7031

Paul Timmons 536-0845

Andrew Boyer 350-0709

Tracey Johnson 350-0181