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.

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 report.

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**FRIDAY NIGHT CONCERTS IN THE PARK**

- **June 18, 2021**: 1000 Watt Prophets (Blues/Americana)
- **July 2, 2021**: Jeff Tucker Band (Soul/Rock)
- **July 9, 2021**: Jelly Roll Blues Band (Blues)
- **July 16, 2021**: Galactic Sherpas (Funk/Jam Band)
- **July 23, 2021**: Chirp (Progressive Rock/Jazz)
- **July 30, 2021**: Sean Miller/The Real Ingredients (Americana/Folk—Rock)
- **August 6, 2021**: Marsupials (Blues Rock)
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. The susceptibility of our wells ranges from moderately low to moderate.

**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, 2020.

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 RESULTS**

As you can see by the following tables, our system had no violations in 2020. 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.

**Water Quality Data**

The tables on the next page list all of the drinking water contaminants that we detected during the 2020 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, 2020. 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

- **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.

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.

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

2020 Running Annual Average of Free Chlorine in the Water Distribution System

- MRDLG = 4.0 ppm
- MCL = 4.0 ppm
- Annual Average: 0.24 ppm
### Samples Collected in the Distribution System:

<table>
<thead>
<tr>
<th>Contaminants Subject to an Action Level</th>
<th>Action Level, MCL, or MRDL</th>
<th>Our Water</th>
<th>Sample Date</th>
<th>Number of Samples Above AL</th>
<th>Typical Source of Contaminants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lead (ppb)*</td>
<td>AL = 15</td>
<td>4.8</td>
<td>9/7-14/2018</td>
<td>0</td>
<td>Corrosion of household plumbing systems; Erosion of natural deposits</td>
</tr>
<tr>
<td>Copper (ppm)**</td>
<td>AL = 1.3</td>
<td>0.68</td>
<td>9/7-14/2018</td>
<td>0</td>
<td>Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives</td>
</tr>
<tr>
<td>Total Trihalomethanes (ppb)</td>
<td>MCL = 80</td>
<td>5.6 Total</td>
<td>8/20/2020</td>
<td>0</td>
<td>Disinfection byproduct</td>
</tr>
<tr>
<td>Haloacetic Acids (ppb)</td>
<td>MCL = 60</td>
<td>1.0</td>
<td>8/20/2020</td>
<td>0</td>
<td>Disinfection byproducts</td>
</tr>
</tbody>
</table>

### Samples Collected at the Well House:

<table>
<thead>
<tr>
<th>Regulated Contaminants</th>
<th>MCL</th>
<th>MCLG</th>
<th>Our Water</th>
<th>Sample Date</th>
<th>Violation Yes/No</th>
<th>Typical Source of Contaminants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluoride (ppm)</td>
<td>4</td>
<td>4</td>
<td>Range: 0.22 – 1.15</td>
<td>8/20/2020 9/25/2020</td>
<td>No</td>
<td>Erosion of Natural Deposits; Added for health benefits</td>
</tr>
<tr>
<td>Radioactive Contaminants</td>
<td>MCL</td>
<td>MCLG</td>
<td>Our Water</td>
<td>Sample Date</td>
<td>Violation Yes/No</td>
<td>Typical Source of Contaminants</td>
</tr>
<tr>
<td>Alpha Emitters pCi/L</td>
<td>15</td>
<td>0</td>
<td>ND</td>
<td>9/29/2015</td>
<td>No</td>
<td>Erosion of Natural Deposits</td>
</tr>
<tr>
<td>Combined Radium 226/228 (pCi/L)</td>
<td>5</td>
<td>0</td>
<td>0.51 –1.78</td>
<td>9/29/2015</td>
<td>No</td>
<td>Erosion of Natural Deposits</td>
</tr>
<tr>
<td>Other Contaminants</td>
<td>MCL</td>
<td>MCLG</td>
<td>Our Water</td>
<td>Sample Date</td>
<td>Violation Yes/No</td>
<td>Typical Source of Contaminants</td>
</tr>
<tr>
<td>Nitrate ppm</td>
<td>10</td>
<td></td>
<td>ND – 0.74</td>
<td>8/20/2020 9/25/2020</td>
<td>No</td>
<td>Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits</td>
</tr>
<tr>
<td>Sodium ppm</td>
<td></td>
<td>4.2-37.5</td>
<td>8/20/2020 9/25/2020</td>
<td>No</td>
<td>Erosion of natural deposit or storm runoff</td>
<td></td>
</tr>
</tbody>
</table>

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

Per- and polyfluoroalkyl substances (PFAS) are a group of man-made chemicals that includes PFOA, PFOS, GenX, and many other chemicals. PFOA and PFOS have been the most extensively produced and studied of these chemicals. Both chemicals are very persistent in the environment and in the human body—meaning they don’t break down and they can accumulate over time. There is evidence that exposure to PFAS can lead to adverse human health effects.

Studies indicate that PFOA and PFOS can cause reproductive and developmental, liver, and kidney, and immunological effects in laboratory animals. The most consistent findings from human epidemiology studies are increased cholesterol levels among exposed populations, with more limited findings related to infant birth weights, effects on the immune system, cancer (for PFOA), and thyroid hormone disruption (for PFOS).

In 2020, water samples were taken from each of the City’s municipal wells, and PFAS chemicals were NOT DETECTED in East Jordan. For more information on PFAS, please visit the EPA website: https://epa.gov/pfas/basic-information-pfas
Thanks to a gracious grant from the Great Lakes Energy People Fund, the East Jordan Fire Department purchased and installed several pieces of life-saving equipment for emergency water rescues. Last year, we responded to approximately 10 serious water-related emergencies and we anticipate an active water-rescue season ahead.

The East Jordan Fire Department has received a $2,050.00 grant from the Great Lakes People Fund. “We are so grateful for new rescue vests, protective helmets, truck and personnel lighting, first aid supplies and protective storage equipment. As you plan to spend time on the water this season, we recommend checking with local guides for current water and environmental conditions. They are the experts and know the waterways better than most. Always prepare for self-evacuation by wearing protective clothing, shoes, sunscreen, and insect repellent. Secure reliable communication and remember there are many areas without service. Finally, know your location at all times, have a flashlight, and always let someone know your activity plan. Together, we can make this an enjoyable up north experience for all.“ - Glen Thorman, Fire Chief

Members of Great Lakes Energy support the People Fund by voluntarily rounding up their bills to the next highest dollar. The rounded up amount is distributed to non-profit organizations and charitable activities that benefit people in communities served by the cooperative. Please contact Great Lakes Energy, 1-888-485-2537, or visit gtlakes.com for details.

Administrative Policy #150 Filling of Swimming Pools
The Fire Department will fill swimming pools as stated in the departmental policy at a cost of one (1) cent per gallon. The amount charged will then be received at City Hall and receipted into the Water Fund. If a resident fills his/her swimming pool with their own water, it is entirely at their own expense. NO adjustments will be made to the water/sewer bill.

**ELECTION INFORMATION 2021**

*AUGUST 3 ELECTION: School Millages*

There are three City Commission seats up for election in November. Completed nominating petitions for candidates were due on April 20th by 4 p.m. After official review of the submitted petitions, it has been determined that four (4) individuals were successfully nominated to run for election. With having only four (4) candidates, the City will not need to hold a primary election on Tuesday, August 3, 2021 but will just hold a General Election on November 2, 2021. The nominees who are as follows:

Benjamin Newington  Thomas Reid Jr.
Mark Penzien  Shandra Sweet-Hock

The three (3) successful candidates who will serve each seat is a four year term, will hold office until 2025 and will be sworn in at the Org. Meeting in November.
UPCOMING PROJECTS

CITY OF EAST JORDAN - SPORTSMAN’S PARK IMPROVEMENTS
CONCEPTUAL SITE PLAN
01/21/19

Coming in 2022! An improved Sportsman’s Park that will include a KAYAK LAUNCH SITE with ADA accessibilities, trails, restroom upgrades, parking, lighting and dock improvements. This project is primarily being funded by a $300,000 DNR Trust Fund grant the City received in 2020. Stay tuned to our website and Facebook page for more information and design renderings later this year.

2021 YARD WASTE SITE, RECYCLING DATES

2021 FALL BRUSH PICKUP: Brush Pickup will be October 18—29.
Leaves need to be in one large pile in order to be picked up.
You may also take loose leaves or leaves in the biodegradable bags to the Bartlett Street compost pile bin at any time. The DPW crew WILL NOT be picking up brush UNLESS IT IS DURING THE DESIGNATED BRUSH PICKUP DATES.

The City WILL NOT be picking up trash, furniture, or any bulk items this year. Please refrain from placing these items by the road. The Zoning Administrator will consider it blight and you will be cited. Thank you for your cooperation in helping up keep East Jordan beautiful!
Points of interest:
Check out the City’s Facebook & Web page for upcoming events & current news from the City.

Address Service Requested

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CITY TALK / Annual Water Report is a publication of: City of East Jordan

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