

2020 WATER QUALITY REPORT FOR GARNER WATER WORKS

This report contains important information regarding the water quality in our water system. The source of our water is groundwater. Our water quality testing shows the following results:

| CONTAMINANT | MCL - (MCLG) | Compliance | | Date | Violation | Source |
|--|----------------------|------------|-----------------------------------|------------|-----------|---|
| | | Type | Value & (Range) | | | |
| Total Trihalomethanes (ppb) [TTHM] | 80 (N/A) | LRAA | 11.00 (11 - 11) | 08/18/2020 | No | By-products of drinking water chlorination |
| Total Haloacetic Acids (ppb) [HAA5] | 60 (N/A) | LRAA | <.006 (ND - 9) | 08/18/2020 | No | By-products of drinking water disinfection |
| Copper (ppm) | AL=1.3 (1.3) | 90th | 0.21(0.09-0.24) | 07/06/2020 | No | Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives |
| Lead (ppb) | AL=15 (0) | 90th | 15.00(ND-16) 1 sample exceeded AL | 07/06/2020 | No | Corrosion of household plumbing systems; erosion of natural deposits |
| 950 - DISTRIBUTION SYSTEM | | | | | | |
| Chlorine (ppm) | MRDL=4.0 (MRDLG=4.0) | RAA | 0.8 (0.32-1.25) | 09/30/2020 | No | Water additive used to control microbes |
| Fluoride (ppm) | 4 (4) | RAA | 0.995 (0.61-1.157) | 12/31/2020 | No | Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories |
| 03 - S/EP FOR WELLS #1, #2 & #3-TREATED | | | | | | |
| Combined Radium (pCi/L) | 5 (0) | SGL | 1.3 | 11/04/2020 | | Erosion of natural deposits |
| Fluoride (ppm) | 4 (4) | RAA | 0.91 (0.49-2.07) | 12/31/2020 | No | Water additive which promotes strong teeth; Erosion of natural deposits; Discharge from fertilizer and aluminum factories |
| Sodium (ppm) | N/A (N/A) | SGL | 6.694 | 06/05/2018 | No | Erosion of natural deposits; Added to water during treatment process |
| Nitrate (as N) ppm | 10 (10) | SGL | 0.074 | 04-14-2020 | No | Runoff from fertilizer use, leaching from septic tanks ,sewage ;erosion of natural deposits |
| Asbestos (MFL) | 7 | SGL | <3.9 | 03/21/18 | No | Decay of asbestos cement mains; Erosion of natural deposits |

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

DEFINITIONS

- 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 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.
- ppb -- parts per billion.
- ppm -- parts per million.
- pCi/L – picocuries per liter
- N/A – Not applicable
- ND -- Not detected