

PUBLIC NOTICE

2020 Boone Water Quality

2020 WATER QUALITY REPORT FOR XENIA RWD (BOONE)

This report contains important information regarding the water quality in our water system. The source of our water is groundwater and groundwater under the influence of surface water. All of the water is purchased. Purchased water comes from BOONE WATER WORKS. Our water quality testing shows the following results:

Contaminant | MCI -(MCLG) | Compliance Type Value & (Range) | Date | Violation Yes/No | Source

Lead (ppb) | AL=15 (0) | 90th 1.90 (ND-6) | 2019 | No | Corrosion of household plumbing systems; erosion of natural deposits

Copper (ppm) | AL=13 (1.3) | 90th 0.0126 (ND-2.250) 1 sample(s) exceeded AL | 2019 | No | Corrosion of household plumbing systems;

Erosion of natural deposits; Leaching from wood preservatives

950 - DISTRIBUTION SYSTEM-BOONE (EAST)

Chlorine (ppm) | MRDL=4.0 (MRDLG=4.0) | RAA 2.6 (0.9-3.4) |

09/30/2020 | No | Water additive used to control microbes

Total Trihalomethanes (ppb) [TTHM] | 80 (N/A) | SGL 66.60 | 11/18/2020

| No | By-products of drinking water chlorination

Total Haloacetic Acids (ppb) [HAA5] | 60 (n/A) | SGL 17.50 | 11/18/2020

| No | By-products of drinking water disinfection

952 - DISTRIBUTION SYSTEM-BOONE (WEST)

Chlorine (ppm) | MRDL=4.0 (MRDLG=4.0) | RAA 1.3 (0.89-2.4) |

06/30/2020 | No | Water additive used to control microbes

Total Trihalomethanes (ppb) [TTHM] | 80 (N/A) | SGL 65.90 | 11/18/2020

| No | By-products of drinking water chlorination

Total Haloacetic Acids (ppb) [HAA5] | 60 (N/A) | SGL 17.80 | 11/18/2020

| No | By-products of drinking water disinfection

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

RAA - Running Annual Average

Treatment Technique (TT) - A required process intended to reduce the level of a contaminant in drinking water.

Action Level (AL) - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must flow.

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.

Maximum Residual Disinfectant level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfection is necessary for control of microbial contaminants.

SGL - Single Sample Result

PURCHASED WATER INFORMATION

Our water system purchases water from the system(s) shown below.

Their water quality is as follows:

Contaminant | MCI -(MCLG) | Compliance Type Value & (Range) | Date | Violation Yes/No | Source

0819033 - BOONE WATER WORKS

01 - WLS #12,13,16,19-29 AFTR TRTMNT

Sodium (ppm) | N/A (N/A) | SGL 9.9 | 07/13/2020 | No | Erosion of natural deposits; Added to water during treatment process

Nitrate [as N] (ppm) | 10 (10) | SGL 5.2 (0.3-5.2) | 2020 | No | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Turbidity (NTU) | N/A (N/A) | TT Enter highest single measurement and the lowest monthly percentage of samples meeting turbidity limits here. | | Soil runoff