2017 Annual Water Quality Report Stickross Mountain Water

Tahlequah, Oklahoma PWS ID# 4001118

continually strive to improve water treatment methods and protect our water resources. We are committed to to provide a safe and dependable supply of drinking water that meets all state and federal standards. We insuring the quality of your drinking water. inform our clients of all water testing results between January 1 and December 31, 2017. Our constant goal is We are once again pleased to present this year's Annual Water Quality Report. This report is designed to

Is my water safe?

then distributed to your homes. We are required to test for bacteriological and other contaminants that may be water from Lake Tenkiller and the Illinois River and supply it to Stickross Mountain Water Co, where it is drinking water health standards. Our source water is surface water purchased from Tahlequah. They treat present in the drinking water. Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state

Do I need to take special precautions?

Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by 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 Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have Some people may be more vulnerable to contaminants in drinking water than the general population

Why are there contaminants in my drinking water?

cases, radioactive material, and can pick up contaminants resulting from animals or human activity travels over the surface of land or through the ground, it dissolves naturally occurring minerals and, in some sources of drinking water include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. Drinking water, including bottled water, may reasonably be expected to contain small amounts of some Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, that 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.

| not applicable | NA |
|---|--------------------|
| Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. | MCL |
| Maximum Contaminant Level Goal. The level of contaminant in drinking water below which there is no known or expected risks to health. MCLGs allow for a margin of safety. | MCLG |
| Millirems per year (a measure of radioactivity) | Mrem/ yr |
| picocuries per Liter (a measure of radioactivity) | pCi/L |
| parts per billion, or micrograms per Liter (µg/L) | ppb |
| parts per million, or milligrams per Liter (mg/L) | ppm |
| ions Key: | Abbreviations Key: |

For More Information

about contaminants and potential health effects can be obtained by calling the Safe Drinking Water Hotline (800-For any questions relating to your drinking water please contact Ricky Lee, at (918) 931-7173. More information 426-4791). We want our valued customers to be informed about their water.

| Date MCL Water Lox | report that informs you about the quality of our drinking water and characterizes the risks from exposure to contaminants detected in our drinking water. | report that informs you about the quality of our drinking water from exposure to contaminants detected in our drinking water | ut the qua | s you abo | that inform (posure to | report i | /107 | 2010 to | CCK Keport |
|---|---|--|-------------|-------------|---------------------------|------------|------------|----------------|--|
| minant Date vacu MCL Water Low High Violation Typical Source Clarits and Disinfection By-Products le 2017 4 4 2 2 2 No Water additive to control microbes (LACID LACID | omers and/or to the DEO an annual | by their syste | er deliverd | of the wate | ne quality o | orts on th | idence rep | nsumer conf | customers annual co |
| Date MCL Water Low High Violatic Disinfection By-Products 2017 4 4 2 2 2 No 2017 A A A A A A A A A | S | nity water syst | rescommu | ule requi | onfidence F | sumer Co | : The Cor | dence Rule | Consumer Confic |
| Date MCL Water Low High Violatic Disinfection By-Products | THE PROPERTY OF THE PROPERTY OF | | | nation | ion Expla | Violat | End | Begin | Violation Type |
| Date MCI Water Low High Violatic And Disinfection By-Products 2017 4 4 2 2 2 No No No No No | S. L. LOTTE BURNOUS SANDARD SOTT | | | | | | | | Violations Table |
| Date MCI Water Low High Violatic And Disinfection By-Products 2017 4 4 2 2 2 No No 2017 0.8 1 0.435 0 0.435 No 2017 0.8 1 0.435 0 0.435 No 2017 NA 60 41 11.2 86.5 Yes No 14 2017 NA 80 52 20.7 101 Yes No 14 2016 NA 80 61 30.8 17.9 74 No No 15 No No 15 No No 15 No 15 No No No No No No No N | | N _O | 0 | я | ω | 15 | 0 | 2017 | Lead (ppb) (Stickross Mt.) |
| Date MCI MCI Low High Violatic And Disinfection By-Products 2017 4 4 2 2 2 No No 2017 0.8 1 0.435 0 0.435 No 2017 NA 60 41 11.2 86.5 Yes 2017 NA 60 41 11.2 86.5 Yes 2017 NA 80 52 20.7 101 Yes 2016 NA 80 61 30.8 17.9 74 No 14 No 15 No 15 No 16 No 16 No 16 No 16 No 17 No 18 No 18 No 18 No 18 No 18 No 18 No 19 No No 19 No No 19 No No No No No No No N | Corrosion of household plumbing systems; Erosion of natural deposits. | No | 0 | | 0 | 15 | 0 | 2017 | Lead (ppb) (Tahlequah) |
| Date MCL Water Low High Violatic and Disinfection By-Products 2017 4 4 2 2 2 No | Corrosion of household plumbing systems; Erosion of natural deposits. | No | 0 | 9 | 0.14 | 1.3 | 1.3 | 2017 | Copper (ppm) (Tahlequah) |
| Date MCI Water Low High Violatic and Disinfection By-Products 2017 4 4 2 2 2 No | | Violation | ver AL | | Percen | AL | MCLG | Sample | Copper |
| Date MCL Water Low High Violatic and Disinfection By-Products 2017 4 4 2 2 2 No | Likely Source of Contamination | | # Sites | | 90 th | | | Date | Lead and |
| Date MCL Water Low High Violatic And Disinfection By-Products 2017 4 4 2 2 2 2 No 2017 4 4 2 2 1 2 No 2017 A 4 4 2 1 2 No 2017 NA 60 41 11.2 86.5 Yes 2017 NA 80 52 20.7 101 Yes 2016 NA 80 61 30.8 103 No 2017 2 2 0.038 0.038 0.038 No 2017 10 10 2 1.02 1.55 No 2014 0 50 3.09 3.09 3.09 No 2014 0 5 0.068 0.068 No | Erosion of natural deposits. | No | 0.198 | | 0.198 | 15 | 0 | 2014 | Alpha Emitters (pCi/L) |
| Date MCI Water Low High Violatic No Disinfection By-Products 2017 4 4 2 2 2 2 No 2017 0.8 1 0.435 0 0.435 No 2017 A 4 4 2 1 2 No 2017 NA 60 41 11.2 86.5 Yes 2017 NA 80 52 20.7 101 Yes 2016 NA 80 61 30.8 103 No 11 No 12 2017 2 2 0.038 0.038 0.038 No 12 2017 10 10 2 1.02 1.55 No 10 2017 10 10 2 1.02 1.55 No 10 2014 0 50 3.09 3.09 3.09 No 10 2014 0 50 3.09 3.09 No 10 2014 0 20 | Erosion oi natural neposits. | No | 0.068 | 0.068 | 0.068 | G | c | 2014 | Combined Radium 226/228 (pCi/L) |
| Date MCL Water Low High Violatic 2017 4 4 2 2 2 2 No | deposits. The EPA considers 50 pCi/L to be the level of concern for Beta particles. | NO CO | 3.09 | 3.09 | 3.09 | 50 | C | 2014 | Beta/Photon Emitters (pCi/L) |
| Date MCL Water Low High Violatic 2017 4 4 2 2 2 2 No | | | 3 | | | ah) | (Tahlequ | aminants | Radioactive Cont |
| Date MCL Water Low High Violation by Products 2017 4 4 2 2 2 2 No 2017 0.8 1 0.435 0 0.435 No 2017 4 4 2 1 2 No 2017 NA 60 41 11.2 86.5 Yes 2017 NA 80 52 20.7 101 Yes 2016 NA 80 61 30.8 103 No aminants (Tahlequah) 2 2 0.038 0.038 No 2017 4 4 0.70 0.47 0.70 No | Runoff from fertilizer use; leaching from septic tanks; Erosion of natural deposits | N _O | 1.55 | 1.02 | 2 | 10 | 10 | 2017 | Nitrate (ppm) (as Nitrogen) |
| MCL Water Low High Violatic oducts 4 2 2 2 No 1 0.435 0 0.435 No 4 2 1 2 No 60 41 11.2 86.5 Yes 80 52 20.7 101 Yes 60 43 17.9 74 No 80 61 30.8 103 No 2 0.038 0.038 0.038 No | | N _o | 0.70 | 0.47 | 0.70 | 4 | 4 | 2017 | Fluoride (ppm) |
| MCL Water Low High Violation Typical oducts Violation Typical 4 2 2 No Water additive to contunt 1 0.435 0 0.435 No Water additive to contunt 4 2 1 2 No Water additive to contunt 60 41 11.2 86.5 Yes Byproduct of drinking value of drinkin | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits. | No | 0.038 | 0.038 | 0.038 | 2 | 2 | 2017 | Barium (ppm) |
| t Date MCL Water Low High Violation Typical and Disinfection By-Products 2017 4 4 2 2 2 No Water additive to control wat | | | | | |) | hlequah | ninants (Ta | Inorganic Contan |
| t Date MCL Water Low High Violation Typica and Disinfection By-Products 2017 4 4 2 2 2 No Water additive to cont 2017 4 4 2 2 2 No Water additive to cont 2017 4 4 2 1 2 No Water additive to cont 2017 NA 60 41 11.2 86.5 Yes Byproduct of drinking v chlorination 2017 NA 80 52 20.7 101 Yes Byproduct of drinking v chlorination 2016 NA 60 43 17.9 74 No Byproduct of drinking v chlorination | Byproduct of drinking water chlorination | No | 103 | 30.8 | 61 | 80 | NA | 2016 | Total Trihalomethanes (TTHM) (ppb) (Stickross Mt) |
| t Date MCL Water Low High Violation Typica and Disinfection By-Products 2017 4 4 2 2 No Water additive to contum 2017 4 4 2 2 No Water additive to contum 2017 4 4 2 1 2 No Water additive to contum 2017 NA 60 41 11.2 86.5 Yes Byproduct of drinking vertical contum 2017 NA 80 52 20.7 101 Yes Byproduct of drinking vertical contum | | No | 74 | 17.9 | 43 | 60 | NA | 2016 | Haloacetic Acid (HAA5) (ppb) (Stickross Mt) |
| t Date MCI MCL Water Low High Violation Typica and Disinfection By-Products 2017 4 4 2 2 2 No Water additive to contu 2017 0.8 1 0.435 0 0.435 No Water additive to contu 2017 4 4 2 1 2 No Water additive to contu 2017 A A A B A B A B A B A B A B Byproduct of drinking v | | Yes | 101 | 20.7 | 52 | 80 | NA | 2017 | Total Trihalomethanes (TTHM) (ppb) (Tahlequah) |
| Int and Date MCI MCI Water Low High Violation Typica Its and Disinfection By-Products 2017 4 4 2 2 No Water additive to control 2017 4 4 2 2 No Water additive to control 2017 0.8 1 0.435 0 0.435 No Water additive to control 2017 4 4 2 1 2 No Water additive to control | f drinking | Yes | 86.5 | 11.2 | 41 | 60 | NA | 2017 | Haloacetic Acid (HAA5) (ppb) (Tahlequah) |
| Iant Date MCIG MCIL Water Low High Violation Typica its and Disinfection By-Products 2017 4 4 2 2 No Water additive to contust 2017 4 4 2 2 2 No Water additive to contust 2017 0.8 1 0.435 0 0.435 No Water additive to contust | Water additive to control microbes | No | 2 | 1 | 2 | 4 | 4 | 2017 | Chlorine (Stickross Mt) |
| ninant Date MCL Water Low High Violation Typica tants and Disinfection By-Products 2017 4 4 2 2 No Water additive to contract of the contrac | Water additive to control microbes | No | 0.435 | 0 | 0.435 | 1 | 0.8 | 2017 | Chlorite (Tahlequah) |
| Date MCIG MCI Water Low High Violation Disinfection By-Products | | No | 2 | 2 | 2 | 4 | 4 | 2017 | Chlorine (Tahlequah) |
| Date MCL Water Low High Violation | | | C | | | roducts | ion By-Pi | 2000 | Disinfectants and |
| | | Violati | High | Low | Your Water | MCL | MCLG | Sample Date | Contaminant |