

### 2016 Annual

# **Water Quality Report**

Alexandria District PWSID: VA6510010



Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

This report contains important information about your drinking water. If you do not understand it, please have someone translate it for you.

#### A Message from the Virginia American Water President



To Our Valued Customer:

Virginia American Water is proud to be your local water service provider, and I am pleased to share with you good news about the quality of your drinking water. Each year, we provide you with our Annual Water Quality Report – and like so many years prior -- we continue to supply water that meets or surpasses all state and federal water quality regulations.

This is no small task. Quite a lot goes into bringing that water to your home. The miles of pipeline hidden below the ground. The facilities that draw water from the source. The plant where it's treated and tested. Our treatment plant operators, water quality experts, engineers, and maintenance crews working around the clock to make sure that water is always there when you need it. Delivering high-quality, reliable water service to your tap around the clock also requires significant investment in our water infrastructure to upgrade aging facilities. In 2016 alone, we invested \$19.5 million in water system improvements statewide.

We do this because we believe we're delivering more than just water service. We deliver a key resource for public health, fire protection, the economy and overall quality of life. Our job is to ensure that quality water keeps flowing not only today, but well into the future. It's part of our commitment to you and the communities we serve.

We hope you agree, it's worth every penny and worth learning more about. Please, take the time to review this report. It provides details about the source and quality of your drinking water using the data from water quality testing conducted for your local water system from January through December 2016.

Thanks for allowing us to serve you.

Sincerely,

Barry Suits, P.E.

President



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#### Information on the Internet

Virginia American Water, a subsidiary of American Water (NYSE: AWK), is the largest investor-owned water utility in the state, providing high-quality and reliable water services to approximately 320,000 people.

With a history dating back to 1886, American Water is the largest and most geographically diverse U.S. publicly-traded water and wastewater utility company. The company employs more than 6,700 dedicated professionals who provide regulated and market-based drinking water, wastewater and other related services to an estimated 15 million people in 47 states and Ontario, Canada. More information can be found by visiting www.amwater.com.

The U.S. EPA Office of Water (www.epa.gov/safewater) and the Center for Disease Control and Prevention (www.cdc.gov) web sites provide a substantial amount of information on many issues relating to water resources, water conservation and public health. Also, the Virginia Department of Health and the Virginia Department of Environmental Quality have web sites that provide complete and current information on water issues in Virginia. These web sites are located at (www.vdh.virginia.gov) and (www.deq.state.va.us). All these web sites have numerous links that will direct you to other professional organizations, public education and public health topics related to water.

#### **What Is a Water Quality Report?**

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. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

To comply with Virginia Department of Health and U.S. Environmental Protection Agency (EPA) regulations, Virginia American Water issues a report annually describing the quality of your drinking water. The purpose of this report is to provide you an overview of last year's (2016) drinking water quality. It includes details about where your water comes from and what it contains. We hope the report will raise your understanding of drinking water issues and awareness of the need to protect your drinking water sources.

#### **Where Does My Water Come From?**

Virginia American Water, Alexandria District is classified as a consecutive water system. Your drinking water comes from two surface water treatment plants owned and operated by Fairfax Water. The J. J. Corbalis water treatment plant is located on the Potomac River. The Griffith plant is at the Occoquan Reservoir. To learn more about our watershed on the Internet, go to USEPA's Search Your Watershed at www.epa.gov/safewater.

### Why does my water sometimes have a chlorine taste and odor?

During the months of April, May, and June, you may notice the taste and odor of chlorine in your water. Every year, during this time, Fairfax Water uses free chlorine instead of the less noticeable combined chlorine (chloramines) as a disinfectant. Free chlorine provides the best method of disinfection during the water main flushing program done each spring to maintain a high level of water quality. Keeping an open container of drinking water in the refrigerator allows the chlorine to dissipate, which usually improves the taste of the water. Change the water in your refrigerated container weekly.

#### **Share This Report**

Landlords, businesses, schools, hospitals and other groups are encouraged to share this important water quality information with water users at their location who are not billed customers of Virginia American Water and therefore do not receive this report directly.





#### Cryptosporidium Information for Potomac River and Occoquan Reservoir

Cryptosporidium is a microbial pathogen sometimes found in surface water throughout the United States. Although filtration removes Cryptosporidium, the most commonly used filtration methods cannot guarantee 100 percent removal. Fairfax Water consistently maintains its filtration process in accordance with regulatory guidelines to maximize removal efficiency. Our monitoring indicates the occasional presence of these organisms in the source water. Current test methods do not allow us to determine whether the organisms are dead or if they are capable of causing disease.

Ingestion of *Cryptosporidium* may cause cryptosporidiosis, an abdominal infection. Symptoms of infection include nausea, diarrhea and abdominal cramps. Most healthy individuals can overcome the disease within a few weeks. However, immuno-compromised people, infants and small children, and the elderly are at greater risk of developing life-threatening illness. We encourage immuno-compromised individuals to consult their doctor regarding appropriate precautions to take to avoid infection.

Cryptosporidium must be ingested in order to cause disease. It may be spread through means other than drinking water, such as other people, animals, water, swimming pools, fresh food, soils and any surface that has not been sanitized after exposure to feces.

Fairfax Water is currently monitoring the Potomac River and Occoquan Reservoir for compliance with Round 2 of the EPA Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR Round 2). The EPA created this rule to provide for increased protection against microbial pathogens, such as *Cryptosporidium*, in public water systems that use surface water sources. Fairfax Water's LT2ESWTR Round 2 monitoring program began in April 2015 and involves the collection of one sample from water treatment plant sources each month for a period of two years. Monitoring for compliance with the LT2ESWTR Round 2 will continue through March 2017.

Under the LT2ESWTR Round 2, the average *Cryptosporidium* concentration determines whether additional treatment measures are needed. A *Cryptosporidium* concentration of 0.075 oocysts/Liter triggers additional water treatment measures. Fairfax Water's raw water *Cryptosporidium* concentrations consistently remain below this threshold. The results for 2016 are as follows:

| Source (before treatment) | Average Cryptosporidium concentration (oocysts/Liter) |
|---------------------------|---|
| Potomac River             | ND  |
| Occoquan Reservoir        | 0.01  |

#### **Special Health Information**

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 may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the USEPA's Safe Drinking Water Hotline (800) 426-4791.

#### **Water Information Sources**

- Virginia American Water www.amwater.com/vaaw
- Virginia Department of Health www.vdh.state.va.us
- United States Environmental Protection Agency (USEPA) www.epa.gov/safewater
- Safe Drinking Water Hotline: (800) 426-4791

- Centers for Disease Control and Prevention www.cdc.gov
- American Water Works Association www.awwa.org
- National Library of Medicine/National Institute of Health www.nlm.nih.gov/medlineplus



#### Other Water Quality Parameters of Interest in Water, Not Regulated

#### What is the pH range of your water?

Water produced by Fairfax Water's treatment facilities averaged 7.6 pH units in the Alexandria Distribution system. A pH of 7.0 is considered neutral, neither acidic or nor basic.

#### How hard is your water?

Total hardness is a measure of the concentration of two minerals naturally present in water: calcium and magnesium. High hardness levels cause soap not to foam as easily as it would at lower levels. Hardness levels averaged 114 parts per million or 6.7 grains per gallon which is considered to be hard water.

#### How much sodium is in your water?

The sodium level for Alexandria was 27.5 ppm. This concentration is close to the recommended maximum contaminant level of 20 mg/L for persons on a "strict" sodium diet.

#### **Substances Expected to be in Drinking Water**

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 U.S. Environmental Protection Agency's Safe Drinking Water Hotline (800) 426-4791.

The source of drinking water (both tap water and bottled water) includes 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 include:

**Microbial Contaminants,** such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, or wildlife.

**Inorganic Contaminants,** such as salts and metals, which can be naturally occurring or may result from urban stormwater 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 stormwater runoff, and residential uses.

**Organic Chemical Contaminants,** including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and may also come from gas stations, urban stormwater runoff, and septic systems.

Radioactive Contaminants, which can be naturally occurring or may be the result of oil and gas production and mining activities.

#### **Lead in Drinking Water**

Although we regularly test lead levels in your drinking water, it is possible that lead and/or copper levels at your home are higher because of materials used in your plumbing. If present, elevated levels of lead can cause serious 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. Virginia American Water 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 and copper exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. You can also use cold water for cooking, drinking, or making baby formula; use low lead containing faucets; and when replacing or working on pipes, use lead-free solder. Virginia American Water remains in full compliance with all of the requirements dealing with lead in drinking water. If you are concerned about lead in your drinking 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 National Lead Information Center (800-LEAD-FYI) or the Safe Drinking Water Hotline at 1-800-426-4791 or at http://www.epa.gov/safewater/lead.



#### **How to Read the Data Tables**

Virginia American Water conducts extensive monitoring to ensure that your water meets all water quality standards. The results of our monitoring are reported in the tables to the left. While most monitoring was conducted in 2016, certain substances are required to be monitored less than once per year and represent the most current results available. For help with interpreting this table, see the "Table Definitions" section.

Starting with a **Substance**, read across. **Year Sampled** is usually in 2016 or year prior. **MCL** shows the highest level of substance (contaminant) allowed. **MCLG** is the goal level for that substance (this may be lower than what is allowed). **Average Amount Detected** represents the measured amount (less is better). **Range** tells the highest and lowest amounts measured. A **Yes** under **Compliance Achieved** means the amount of the substance met government requirements. **Typical Source** tells where the substance usually originates.

Unregulated substances are measured, but maximum allowed contaminant levels have not been established by the government.

#### **Table Definitions and Abbreviations**

- Action Level: The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.
- MCL (Maximum Contaminant Level): 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.
- MCLG (Maximum Contaminant Level Goal): 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.
- MRDL (Maximum Residual Disinfectant Level): The highest level of disinfectant routinely allowed in drinking water. Addition of a disinfectant is necessary for control of microbial contaminants.
- MRDLG (Maximum Residual Disinfectant Level Goal): The level of 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 contamination.
- NA: Not applicable
- ND: Not detected
- NRL: No regulatory limit
- NTU Nephelometric Turbidity Units: Measurement of the clarity, or turbidity, of water.
- pCi/L (picocuries per liter): Measurement of the natural rate of disintegration of radioactive contaminants in water (also beta particles).
- ppm (parts per million): One part substance per million parts water, or milligrams per liter.
- ppb (parts per billion): One part substance per billion parts water, or micrograms per liter.
- TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.
- SS: Single sample
- %: means percent.
- >: means greater than.
- <: means less than.



#### **Unregulated Contaminant Monitoring**

**Definition**: Unregulated contaminants are those for which the U.S. Environmental Protection Agency has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the EPA in determining the occurrence of unregulated contaminants in drinking water and whether regulation is warranted.

The list of unregulated contaminants applicable for monitoring during 2013-2016 under the unregulated contaminants monitoring rule 3 is located on EPA's website at: http://water.epa.gov/lawsregs/rulesregs/sdwa/ucmr/ucmr3/index.cfm

#### **Water Quality Statement**

We are pleased to report that during the past year, the potable water delivered to your home or business complied with, or was better than, all state and federal drinking water requirements. For your information, we have compiled a list in the table, showing what substances were detected in your drinking water during 2016. We feel it is important that you know exactly what was detected and how much of the substance was present in the water.

#### **Your Drinking Water Quality Meets State and Federal Requirements**

### Turbidity – A Measure of the Clarity of the Process Water from Fairfax Water Treatment Facilities (J.J. Corbalis and Griffith Plants)

| Year<br>Sampled | MCL <sup>3</sup> | MCLG | Average<br>Annual<br>Turbidity | Highest Single<br>Measurement | Lowest Monthly % Samples<br>Meeting Treatment Technique<br>Turbidity Limit | Compliance<br>Achieved | Major Source in<br>Drinking Water |
|-----------------|------------------|------|--------------------------------|-------------------------------|--|------------------------|-----------------------------------|
| 2016            | TT 1 (NTU) 2     | NA   | 0.03                           | 0.25                          | 100%   | Yes                    | Soil runoff                       |

<sup>&</sup>lt;sup>1</sup>TT = Treatment Technique

### Total Organic Carbon (TOC) Removal Measured from Fairfax Water Treatment Facilities (J.J. Corbalis and Griffith Plants)

Total Organic Carbon has no health effects. However, it provides a medium for the formation of disinfection by-products. These by-products include trihalomethanes and haloacetic acids. Compliance with the treatment technique (TT) reduces the formation of these disinfection by-products.

| Year<br>Sampled | MCL          | MCLG | Quarterly Running<br>Annual Average <sup>4</sup> | Minimum | Maximum | Compliance<br>Achieved | Major Source in Drinking Water       |
|-----------------|--------------|------|--|---------|---------|------------------------|--------------------------------------|
| 2016            | TT 1 (ratio) | NA   | 1.4  | 0.8     | 2.1     | Yes                    | Naturally present in the environment |

<sup>&</sup>lt;sup>1</sup>TT = Treatment technique.

#### **Bacterial Results (Measured in the Alexandria Distribution Network)**

| Substance (units)                   | Year<br>Sampled | MCLG | MCL <sup>5</sup> | Highest<br>Percentage<br>Detected | Compliance<br>Achieved | Typical Source                                |
|-------------------------------------|-----------------|------|------------------|-----------------------------------|------------------------|---|
| Total Coliform (% Positive samples) | 2016            | 0    | 5 %              | 0 %                               | Yes                    | Bacteria naturally present in the environment |

 $<sup>^{5}</sup>$  No more than 5% of all the samples tested monthly can be positive.

#### **Disinfection Levels (Measured in the Alexandria Distribution Network)**

| Substance (units)      | Year<br>Sampled | MRDL | MCL | Highest Monthly<br>Average | Range<br>Low-High | Compliance<br>Achieved | Typical Source                        |
|------------------------|-----------------|------|-----|----------------------------|-------------------|------------------------|---------------------------------------|
| Total Chlorine (ppm) 6 | 2016            | 4    | NA  | 3.1                        | 0.9 - 3.7         | Yes                    | Disinfectant used to control microbes |

<sup>&</sup>lt;sup>6</sup>Total Chlorine (Distribution System): In addition to chloramines, free chlorine was used as a disinfectant during the spring. The data shows values for both chlorine and chloramine levels.



<sup>&</sup>lt;sup>2</sup> NTU = Nephelometric Turbidity Unit

<sup>&</sup>lt;sup>3</sup> All turbidity readings were below the treatment technique requirements of not greater than 1 NTU for any single measurement and less than or equal to 0.3 NTU in 95% of all samples taken

<sup>&</sup>lt;sup>4</sup> Quarterly Running Annual Average (QRAA) of the monthly ratio of actual Total Organic Carbon (TOC) removal versus required TOC removal between source and treated waters. QRAA is to be ≥1 to be in compliance.

NA = not applicable.

#### Regulated Substances (Measured in the Alexandria Distribution System) - Disinfection By-products

| Substance (units)                      | Year<br>Sampled | MCL | Average Amount<br>Detected | Range<br>Low-High <sup>8</sup> | Compliance<br>Achieved | Typical Source                            |
|--|-----------------|-----|----------------------------|--------------------------------|------------------------|---|
| Total Trihalomethanes (TTHM) ppb 7     | 2016            | 80  | 26.0                       | 5.6 - 53.7                     | Yes                    | By-product of drinking water chlorination |
| Total Haloacetic Acids (THAA5) (ppb) 7 | 2016            | 60  | 15.2                       | 5.1 - 25.4                     | Yes                    | By-product of drinking water chlorination |

<sup>&</sup>lt;sup>7</sup> Average amount detected is the highest locational running annual average of the 8 stage two compliance sample sites

## Tap Water Samples (from Alexandria Distribution System): Lead and Copper Results for June- August, 2016

| Substance<br>(units) | Period of<br>Year<br>Sampled | MCLG | Action<br>Level | Amount Detected<br>90 <sup>th</sup> Percentile | Number of<br>Samples | Homes Above<br>Action Level | Compliance<br>Achieved | Typical Source                  |
|----------------------|------------------------------|------|-----------------|--|----------------------|-----------------------------|------------------------|---------------------------------|
| Copper<br>(ppm)      | June-<br>August              | 1.3  | 1.3             | 0.136  | 51                   | 0                           | Yes                    | Corrosion of household plumbing |
| Lead (ppb)           | June-<br>August              | 0    | 15              | ND   | 51                   | 0                           | Yes                    | Corrosion of household plumbing |

### Regulated Substances (Measured in the Water Entering the Distribution Network by Fairfax Water from J.J. Corbalis, Griffith Treatment Facilities)

| Substance<br>(units)                            | Year<br>Sampled | MCLG | MCL | Average<br>Amount<br>Detected | Range<br>Low-High | Compliance<br>Achieved | Typical Source  |
|---|-----------------|------|-----|-------------------------------|-------------------|------------------------|---|
| Alpha emitters<br>(pCi/L) 9                     | 2014            | 0    | 15  | 1.79                          | ND - 3.01         | Yes                    | Decay of natural and man-made deposits  |
| Barium (ppm)                                    | 2016            | 2    | 2   | 0.032                         | ND - 0.049        | Yes                    | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits  |
| Beta / photon<br>emitters <sup>10</sup> (pCi/L) | 2014            | 0    | 50  | 3.16                          | ND - 5.99         | Yes                    | Decay of natural and man-made deposits  |
| Radium 226<br>(pCi/L)                           | 2014            | 0    | 5   | 0.284                         | ND - 0.691        | Yes                    | Decay of natural and man made deposits  |
| Fluoride (ppm)                                  | 2016            | 4    | 4   | 0.7                           | 0.6 - 0.8         | Yes                    | Erosion of natural deposits; Water additive which promotes strong teeth                     |
| Nitrate - as<br>nitrogen (ppm)                  | 2016            | 10   | 10  | 1.06                          | 0.48 - 2.51       | Yes                    | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Nitrite - as nitrogen (ppm)                     | 2016            | 1    | 1   | ND                            | ND - 0.02         | Yes                    | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Bromate (ppb) <sup>11</sup>                     | 2016            | 10   | 0   | 0.5                           | ND - 6            | Yes                    | By-product of drinking water disinfection   |

<sup>&</sup>lt;sup>9</sup> Results are an average of Corbalis 2014 and Griffith 2013 plant data points. pCi/L= picocuries per liter.

#### **Unregulated Substances (Measured in the Alexandria Distribution System)**

|                              |                 |        |                   |                    |                   | ,                      |   |
|------------------------------|-----------------|--------|-------------------|--------------------|-------------------|------------------------|---|
| Substances (Units)           | Year<br>Sampled | MCLG   | MCL               | Amount<br>Detected | Range<br>Low-High | Compliance<br>Achieved | Typical Source                            |
| Chloroform (ppb)             | 2016            | NRL 12 | NRL 12            | 35.1               | 2.9 - 35.1        | NA                     | By-product of drinking water disinfection |
| Bromochloroacetic acid (ppb) | 2016            | NRL 12 | NRL 12            | 5.4                | 1.2 - 5.4         | NA                     | By-product of drinking water disinfection |
| Bromide (ppm)                | 2016            | NRL 12 | NRL 12            | 0.03               | ND - 0.03         | NA                     | By-product of drinking water disinfection |
| Dibromoacetic acid (ppb)     | 2016            | NRL 12 | NRL 12            | 2.1                | ND - 2.1          | NA                     | By-product of drinking water disinfection |
| Dichloroacetic acid (ppb)    | 2016            | NRL 12 | NRL 12            | 14.7               | 2.5 - 14.7        | NA                     | By-product of drinking water disinfection |
| Monobromoacetic acid (ppb)   | 2016            | NRL 12 | NRL <sup>12</sup> | 3.5                | 1.1 - 3.5         | NA                     | By-product of drinking water disinfection |
| Bromoform (ppb)              | 2016            | NRL 12 | NRL 12            | 1.0                | ND -1.0           | NA                     | By-product of drinking water disinfection |
| Trichloroacetic acid (ppb)   | 2016            | NRL 12 | NRL 12            | 10.1               | 1.2 - 10.1        | NA                     | By-product of drinking water disinfection |
| Bromodichloromethane (ppb)   | 2016            | NRL 12 | NRL 12            | 12.2               | 1.7 - 12.2        | NA                     | By-product of drinking water disinfection |
| Chlorodibromomethane (ppb)   | 2016            | NRL 12 | NRL 12            | 5.9                | 0.9 - 5.9         | NA                     | By-product of drinking water disinfection |
| Chlorate (ppm)               | 2016            | NRL 12 | NRL 12            | 0.78               | 0.11- 0.78        | NA                     | By-product of drinking water disinfection |

<sup>&</sup>lt;sup>12</sup> NRL = No regulatory limit.



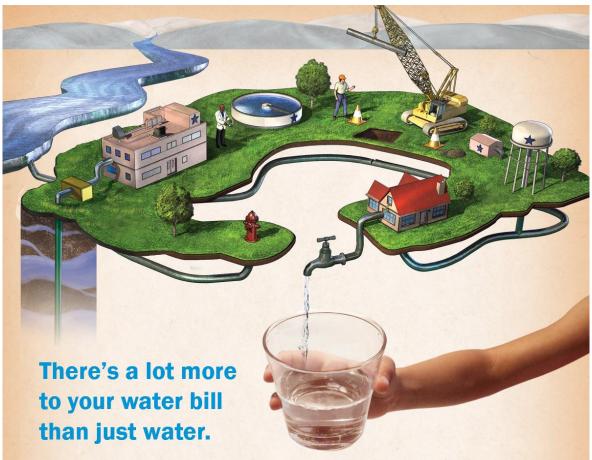
<sup>&</sup>lt;sup>8</sup> Range is determined using results from all compliance sites.

<sup>&</sup>lt;sup>10</sup>The MCL for the Beta particles is written as 4 mrem/year. EPA considers 50 pCi/L to be the level of concern for Beta particles.

<sup>&</sup>lt;sup>11</sup> Amount detected is the highest quarterly running annual average. The Bromate MCL is based on the highest quarterly running annual average (QRAA) of all monitored sites. The QRAA reported is a mathematical average and is below the detection level for any individual sample result.

#### **Unregulated Substances (From the Distribution System) UCMR 3**

| Substance (units)         | Year Sampled | Results | Range Low-High | Typical Source  |  |
|---------------------------|--------------|---------|----------------|---|--|
| Chlorate (ppb)            | 2015         | 190     | 180 - 190      | Naturally occurring, discharge from steel and electronics |  |
| Ciliorate (ppb)           | 2013         | 190     | 100 - 190      | manufacturing   |  |
| Chromium (ppb)            | 2015         | 0.4     | 0.3 - 0.4      | Discharge from steel and pulp mills                       |  |
| Hexavalent Chromium (ppb) | 2015         | 0.08    | 0.07 - 0.08    | Discharge from steel and pulp mills                       |  |
| Strontium (ppb)           | 2015         | 183.8   | 143.2 - 183.8  | Soil Runoff   |  |



When you turn on the tap, it's easy to see what your water bill buys. What's not as easy to see is what it takes to bring that water to your home. The miles of pipeline hidden below the ground. The facilities that draw water from the source. The plant where it's treated and tested. The scientists, engineers, and maintenance crews working around the clock to make sure that water is always there when you need it. Your water payments are helping to build a better tomorrow by supporting needed improvements that will keep water flowing for all of us—today and well into the future. All for less than a penny a gallon.



WE CARE ABOUT WATER. IT'S WHAT WE DO. FIND OUT WHY YOU SHOULD, TOO, at amwater.com.

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