

SAMPLING RESULTS

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of contaminants in water provided by the public water systems. The table below lists all of the drinking water contaminants that we detected during the 2015 calendar year. Although many more contaminants were tested, only those substances listed below were found in your water. Unless otherwise noted, the data presented in this table is from testing done in the 2015 calendar year. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year.

MEDICINE PARK FACILITY

| Microbiological Contaminants | | | | | | | |
|--|---------------|------------------|------------|------------------|-------------|-----------|---|
| Contaminant | MCLG or MRDLG | MCL, TT, or MRDL | Your Water | Range Low - High | Sample Date | Violation | Typical Source |
| Total Organic Carbon (% Removal) | NA | TT | 39 | NA | 2015 | No | Naturally present in the environment |
| Turbidity (NTU) (highest occurrence) | NA | 1 | 0.15 | NA | 1/2/2015 | No | Soil runoff |
| Radiochemical Contaminants | | | | | | | |
| Gross Alpha (pCi/L) | 0 | 15 | 0.518 | NA | 2015 | No | Erosion of natural deposits |
| Gross Beta (pCi/L) | 0 | 50 | 3.54 | NA | 2015 | No | Decay of natural and man-made deposits |
| Combined Radium 226/228 (pCi/L) | 0 | 5 | 0.027 | NA | 2015 | No | Decay of natural and man-made deposits |
| Uranium (ppb) | 0 | 30 | 1.0 | NA | 2015 | No | Erosion of natural deposits |
| Inorganic Contaminants | | | | | | | |
| Arsenic (ppb) | 0 | 10 | ND | NA | 2012 | No | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics |
| Barium (ppm) | 2 | 2 | 0.111 | NA | 2012 | No | Discharge of drilling waste, discharge from |
| Bromate (ppb) | 0 | 10 | 6.33 | ND - 76.0 | 2015 | No | By-product of drinking water disinfection |
| Fluoride | 4 | 4 | 0.64 | ND - 0.64 | 2015 | No | Erosion of natural deposits; Runoff from |
| Mercury (ppb) | 2 | 2 | <0.05 | NA | 2012 | No | Erosion of natural deposits; discharge from |
| Nitrate - Nitrite (ppm) (measured as Nitrogen) | 10 | 10 | ND | NA | 2015 | No | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Sodium (ppm) (optional) | - | MPL | 49.9 | NA | 2012 | No | Naturally present in the environment |

SOUTHEAST FACILITY

| Microbiological Contaminants | | | | | | | |
|--|---------------|------------------|------------|------------------|-------------|-----------|---|
| Contaminant | MCLG or MRDLG | MCL, TT, or MRDL | Your Water | Range Low - High | Sample Date | Violation | Typical Source |
| Total Organic Carbon (% Removal) | NA | TT | 36 | NA | 2015 | No | Naturally present in the environment |
| Turbidity (NTU) (highest occurrence) | NA | 1 | 0.15 | NA | 3/28/2015 | No | Soil runoff |
| Radiochemical Contaminants | | | | | | | |
| Gross Alpha (pCi/L) | 0 | 15 | 1.7 | NA | 2015 | No | Erosion of natural deposits |
| Gross Beta (pCi/L) | 0 | 50 | 1.59 | NA | 2015 | No | Decay of natural and man-made deposits |
| Combined Radium 226/228 (pCi/L) | 0 | 5 | 0.097 | NA | 2015 | No | Decay of natural and man-made deposits |
| Uranium (ppb) | 0 | 30 | 1.0 | NA | 2015 | No | Erosion of natural deposits |
| Inorganic Contaminants - The Southeast facility is no longer feeding fluoride. | | | | | | | |
| Arsenic | 0 | 10 | ND | NA | 2015 | No | Erosion of natural deposits; Runoff from |
| Barium (ppm) | 2 | 2 | 0.142 | NA | 2015 | No | Discharge of drilling waste, discharge from |
| Bromate (ppb) | 0 | 10 | ND | NA | 2015 | No | By-product of drinking water disinfection |
| Chlorine Dioxide (ppb) | 800 | 800 | 20 | NA | 2015 | No | Water additive used to control microbes |
| Chlorite (ppm) | 0.8 | 1.0 | 0.028 | ND - 0.0332 | 2015 | No | Water additive used to control microbes |
| Fluoride | 4 | 4 | ND | NA | 2015 | No | Erosion of natural deposits; Runoff from |
| Mercury (ppb) | 2 | 2 | ND | NA | 2015 | No | Erosion of natural deposits; discharge from |
| Nitrate - Nitrite (measured as Nitrogen) (ppm) | 10 | 10 | ND | NA | 2015 | No | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| Sodium (optional) (ppm) | - | MPL | 71.6 | NA | 2015 | No | Naturally present in the environment |

DISTRIBUTION TESTING

Disinfectants & Disinfectant By-Products

| Contaminant | MCLG or MRDLG | MCL, TT, or MRDL | Your Water | Range Low - High | Sample Date | Violation | Typical Source |
|-------------------------------------|---------------|------------------|------------|------------------|-------------|-----------|---|
| Haloacetic Acids (HAA5) (ppb) | NA | 60 | 5.16 | 2.87-9.95 | 2015 | No | By-product of drinking water chlorination |
| Total Trihalomethanes (TTHMs) (ppb) | NA | 80 | 17.0 | 6.43-24.1 | 2015 | No | By-product of drinking water disinfection |

Inorganic Contaminants

| | | | | | | | |
|--------------|-----|-------|--------|-------------|------|----|--|
| Copper (ppm) | 1.3 | 1.3 | 0.357 | ND - 1.01 | 2015 | No | Corrosion of household plumbing systems; erosion of natural deposits |
| Lead (ppm) | 0 | 0.015 | 0.0109 | ND - 0.0311 | 2015 | No | Corrosion of household plumbing systems; erosion of natural deposits |

Microbiological Contaminants

| | | | | | | | |
|---|---|---|------|----|------|----|--------------------------------------|
| Total Coliform (% positive samples/month) | 0 | 5 | 1.04 | NA | 2015 | No | Naturally present in the environment |
|---|---|---|------|----|------|----|--------------------------------------|

Unregulated Contaminants (UCMR3): Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

| Contaminant | MRL | Your Water | Range Low - High | Sample Date | Violation | Typical Source |
|--------------------------|------|------------|------------------|-------------|-----------|--|
| Chlorate (ppb) | 20 | 416 | 159 to 995 | 2015 | No | Agricultural defoliant or dessicant; used in production of chlorine dioxide |
| Chromium - 6 (ppb) | 0.03 | 0.0114 | ND - 0.0477 | 2015 | No | Naturally present in the environment; used in making steel and other alloys. |
| Chromium (ppb) | 0.02 | 0.134 | ND - 0.329 | 2015 | No | See Chromium-6. |
| Molybdenum (ppb) | 1.00 | 1.9 | 1.33 - 2.50 | 2015 | No | Naturally present in the environment |
| Strontium (ppb) | 0.3 | 639 | 315 - 1070 | 2015 | No | Naturally present in the environment |
| Vanadium (ppb) | 0.2 | 3.21 | 1.08 - 5.79 | 2015 | No | Naturally occurring in the environment |
| Bromochloromethane (ppb) | 0.06 | 0.014 | ND - 0.115 | 2015 | No | Fire extinguishing fluid, an explosive suppressant, and a solvent in manufacturing of pesticides |

*Other unregulated contaminants that were analyzed, but not detected are: Cobalt, 1,3,-Butadiene, 1,1-Dichloroethane, 1,2,3-Trichloropropane, Bromomethane (Methyl Bromide), Chlorodifluoromethane, Chloromethane (Methyl Chloride), 1,4-Dioxane, Perfluorooctanoic Acid (PFOA), Perfluorooctanesulfonic Sulfonate (PFOS), Perfluorononanoic Acid (PFNA), Perfluorohexanesulfonic Acid (PFHxS), Perfluoroheptanoic Acid (PFHpA), and Perfluorobutanesulfonic Acid (PFBS).

*As you can see by the table, our system had no violations. We are proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through monitoring and testing that some contaminants have been detected. The EPA has determined that your water **IS SAFE at these levels**

Table Definitions

| Term | Definition |
|---|--|
| 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 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. |
| MPL: | State assigned Maximum Permissible Level |
| MRDL (Maximum Residual Disinfectant Level): | The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants. |
| MRDLG (Maximum Residual Disinfectant Level Goal): | 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. |
| MRL: | Minimum Reporting Level |
| NA: | Not Applicable |
| ND: | Not Detected |
| pCi/L: | picocuries per Liter (a measure of radioactivity) |
| ppb (parts per billion): | One part substance per billion parts water (or micrograms per liter). |
| ppm (parts per million): | One part substance per million parts water (or milligrams per liter). |
| TT (Treatment Technique): | A required processes intended to reduce the level of a contaminant in drinking water. |