

TEST RESULTS Belleville 0920001 January 1 to December 31, 2018

| <u>Regulated Contaminants</u> | <u>Violation</u> | <u>Collection</u> | <u>Highest Level</u> | <u>Range of</u> | <u>MCLG</u> | <u>MCL</u> | <u>Units</u> | <u>Likely Source of Contamination</u> |
|---|------------------|-------------------|----------------------|------------------------|-------------------|----------------|--------------|--|
| | <u>Y/N</u> | <u>Date</u> | <u>Detected</u> | <u>Levels Detected</u> | | | | |
| Disinfectants & Disinfection By-Products | | | | | | | | |
| Chlorine | NO | 2018 | 1.52 | .05-1.52 | MRDLG = 4 | MRDL = 4 | ppm | Water additive used to control microbes |
| Total Trihalomethanes (TTHM) | NO | 2018 | 0.00 | 0.00 | no goal | 0.08 | ppb | By-product of drinking water disinfection |
| Haloacetic Acids (HAA5) | NO | 2018 | 0.005 | .005-.005 | no goal | 0.06 | ppb | By-product of drinking water disinfection |
| Radioactive Contaminants | | | | | | | | |
| Combined Radium (226/228) | NO | 2018 | 2.2 | ND-3.4 | 0 | 5 | pCi/L | Erosion of natural deposits |
| Gross alpha excluding radon and uranium | NO | 2018 | 5.6 | 2.2-11.8 | NA | 15 | pCi/L | Erosion of natural deposits |
| Inorganic Contaminants | | | | | | | | |
| Nitrate(measured as Nitrogen) | NO | 11/19/2018 | 0.020 | 0.020 | 10 | 10 | ppm | Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits. |
| Fluoride | NO | 11/19/2018 | < .10 | < .10 | 4 | 4 | ppm | Erosion of natural deposits; Water additive which promotes stron teeth; Discharge from fertilizer. |
| Lead and Copper | | | | | | | | |
| | <u>Violation</u> | <u>Date</u> | <u>MCLG</u> | <u>Action Level</u> | <u>90th</u> | <u># Sites</u> | | <u>Likely Source of Contamination</u> |
| | <u>Y/N</u> | <u>Sampled</u> | | <u>(AL)</u> | <u>Percentile</u> | <u>Over AL</u> | | |
| Copper-action level at consumer taps (ppm) | NO | 2017 | 1.3 | 1.3 | 0.35 | 1 | | Erosion of natural deposits; |
| | | | | | | | | Leaching from wood preservatives; |
| Lead-action level at consumer taps (ppb) | NO | 2017 | 0 | 15 | 0.0051 | 0 | | Corrosion of household plumbing systems |

TEST RESULTS Sandy Run 0920002 January 1 to December 31, 2018

| <u>Regulated Contaminants</u> | <u>Violation</u> | <u>Collection</u> | <u>Highest Level</u> | <u>Range of</u> | <u>MCLG</u> | <u>MCL</u> | <u>Units</u> | <u>Likely Source of Contamination</u> |
|---|------------------|-------------------|----------------------|------------------------|-------------------|----------------|--------------|--|
| | <u>Y/N</u> | <u>Date</u> | <u>Detected</u> | <u>Levels Detected</u> | | | | |
| Disinfectants & Disinfection By-Products | | | | | | | | |
| Chlorine | NO | 2018 | 1.30 | .08-1.30 | MRDLG = 4 | MRDL = 4 | ppm | Water additive used to control microbes |
| Total Trihalomethanes (TTHM) | NO | 2018 | 0.00 | 0.00 | no goal | 0.08 | ppb | By-product of drinking water disinfection |
| Haloacetic Acids (HAA5) | NO | 2018 | 0.00 | 0.00 | no goal | 0.06 | ppb | By-product of drinking water disinfection |
| Radioactive Contaminants | | | | | | | | |
| Combined Radium (226/228) | NO | 2017 | 1.20 | OE-9-1.20 | 0 | 5 | pCi/L | Erosion of natural deposits |
| Gross alpha excluding radon and uranium | NO | 2017 | 0.00 | 0.00 | NA | 15 | pCi/L | Erosion of natural deposits |
| Inorganic Contaminants | | | | | | | | |
| Fluoride | NO | 11/19/2018 | < .10 | < .10 | 4 | 4 | ppm | Erosion of natural deposits; Water additive which promotes stron teeth; Discharge from fertilizer. |
| Nitrate | NO | 11/19/2018 | 0.021 | .020-.021 | 10 | 10 | ppm | Runoff from fertilizer use. Leaching from septic tanks, sewage. Erosion of natural deposits. |
| Lead and Copper | | | | | | | | |
| | <u>Violation</u> | <u>Date</u> | <u>MCLG</u> | <u>Action Level</u> | <u>90th</u> | <u># Sites</u> | <u>Units</u> | <u>Likely Source of Contamination</u> |
| | <u>Y/N</u> | <u>Sampled</u> | | <u>(AL)</u> | <u>Percentile</u> | <u>Over AL</u> | | |
| Copper-action level at consumer taps (ppm) | NO | 2017 | 1.3 | 1.3 | 0.057 | 0 | ppm | Erosion of natural deposits; |
| | | | | | | | | Corrosion of household plumbing systems |
| Lead-action level at consumer taps (ppb) | NO | 2017 | 0 | 15 | 0.0008 | 0 | ppb | Corrosion of household plumbing systems |