

Annual Water Quality Report
Detected Sample Results (Water Quality Table)
LOG ROAD DEVELOPMENT
PWSID # 2350065
January 1, 2018 to December 31, 2018

Disinfection

| Contaminant/ Unit of Measure | Annual Monthly Average | Highest Monthly Average | Lowest Monthly Average | Compliance Achieved | MRDL Allowed |
|---------------------------------|------------------------------|-------------------------------|------------------------------|------------------------|-----------------|
| Chlorine, mg/L | 0.87 | 1.01 | 0.73 | Yes | 4.0 |

Radioactive Contaminants

| Contaminant/ Unit of Measure | Date Tested | Violation Yes/No | EP 100 Level Detected | MCL | MCLG (Goal) | Source of Contamination |
|---------------------------------|----------------|---------------------|--------------------------|--------|----------------|-----------------------------|
| Gross Alpha, pCi/L | 12/14/2016 | No | N/D | 15 | <15 | Erosion of natural deposits |
| Radium-226, pCi/L | 12/14/2016 | No | N/D | <5 | <5 | Erosion of natural deposits |
| Radium-228, pCi/L | 12/14/2016 | No | N/D | <5 | <5 | Erosion of natural deposits |
| Uranium, pCi/L | 11/20/2013 | No | 0.864 | 30,000 | <30,000 | Erosion of natural deposits |

InOrganic Chemicals

| Contaminant/ Unit of Measure | Date Tested | Violation Yes/No | Level Detected | | MCL mg/L | MCLG (Goal) | Source of Contamination |
|--|----------------|---------------------|----------------|--|-------------|----------------|--|
| | | | E.P. 100 | | | | |
| Barium, mg/L | 9/18/2018 | No | 0.074 | | 2 | <2 | Erosion of natural deposits. |
| Nickel, mg/L | 9/18/2018 | No | N/D | | | | Discharge of drilling wastes and refineries. |
| Nitrate, mg/L | 6/12/2018 | No | 0.65 | | 10 | <10 | Runoff from fertilizer; leaching from septic tanks; erosion of natural deposits. |
| Nitrite, mg/L | 6/12/2018 | No | N/D | | 1 | | |
| Arsenic (IOC), mg/L | 9/18/2018 | No | N/D | | 0.01 | <.01 | |
| **Nitrate and Arsenic (IOC) Samples Taken at ENTRY POINT | | | | | | | |

Lead and Copper Rule Compliance Monitoring

| Contaminant/Unit of Measure | Date Tested | Action Level | MCLG | Level Detected | Number of Sites above A.L. | Violation | Likely Source of Contamination |
|-----------------------------|-------------|--------------|------|----------------|----------------------------|-----------|--|
| Copper/ppm | 8/10/2016 | 1 | <1.0 | 0.065 | 0 out of 5 | None | Corrosion of household plumbing systems, erosion of natural deposits |
| Lead/ppm | 8/10/2016 | 1.3 | <1.0 | 0.0025 | 0 out of 5 | None | Corrosion of household plumbing systems, erosion of natural deposits |

Trihalomethanes/HaloAcetic Acids

| Contaminant Unit of Measure | Date Tested | Level Detected | | Violation Yes/No | MCL mg/L |
|--------------------------------|----------------|----------------|--|---------------------|-------------|
| | | SITE 701 | | | |
| Trihalomethanes | 9/16/2016 | N/D | | No | 0.08 |
| Haloacetic Acids | 9/16/2016 | N/D | | No | 0.06 |

SAMPLES FOR 21 VOLATILE ORGANIC CONTAMINANTS (VOC'S) WERE NOT DETECTED IN 2016

SAMPLES FOR INORGANIC CHEMICALS (IOC'S) WERE NOT DETECTED IN 2018