

TABLE OF DETECTED CONTAMINANTS

| Contaminant | Violation Yes/No | Date of Sample | Level Detected (Average) (Range) | Unit Measure- ment | MCLG | Regulatory Limit (MCL TT or AL) | Likely Source of Contamination |
|---|---------------------|--------------------|--|--------------------------|------|---------------------------------------|--|
| Fluoride | No | daily | 0.99 0.5 - 1.30 | mg/l | N/A | MCL+2.2 | Water additive which promotes strong teeth |
| Chloride | No | 5/7/2013 | 37 | mg/l | NA | MCL250 | Road salt Contamination |
| Sodium | No | 5/7/2013 | 32 | mg/l | N/A | See Health Effects | Naturally occurring road salt water softeners, animal waste |
| NITRATE | No | 4/16/2013 | 0.25 | mg/l | 10 | 10 | Fertilizer runoff-septic tanks |
| BARIUM | No | 6/17/2013 | 9.1 | ug/l | 2 | 2 | Erosion of natural deposits |
| Mercury | No | 6/7/2013 | 0.2 | ugl | 2 | MCL-2 | Erosion of natural deposits |
| Lead SEE Note 2 | No | 8/16/2011 | <u>1.8@90%</u> 1.0 - 24 | ug/l ug/l | 0 | AL=15 | Corrosion of household plumbing systems; erosion of natural deposits |
| Copper | No | 8/16/2011 | <u>0.026@90%</u> Range 0.010 - 0.098 | mg/l | 1.3 | AL=1.3 | Corrosion of household plumbing systems; leaking from wood preservations |
| <u>Radioactive</u> | | | | | | | |
| Radium-226 | No | 2/25/2013 | 0.19 | PCI/L | 0 | MCL-5 | Erosion of natural deposits |
| Radium-228 | No | 2/25/2013 | 0.67 | PCI/L | 0 | | |
| Combined Radium | | | 0.86 | PCI/L | 0 | | |
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| <u>Physical</u> | No | 7/day | Range | NTU | N/A | TT=1.0 NTU | Soil Runoff |
| Turbidity SEE NOTE 1 | | | 0.016 - 0.900 | | | | |
| Turbidity | No | month | 98% | NTU | N/A | TT=95% of samples ≤ NTU 0.3 | |
| <u>Disinfection By Products</u> | | | | | | | |
| <u>SEE NOTE 3</u> | NO | Quarterly | | ug/l | N/A | MCL=80 | By product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter |
| Total Trihalomethanes (TTHM-chloroform, bromodichloromethane dibromochloromethane and bromoform | | range | 44.5 -61.5 | ugl | | | |
| Haloacetic Acids (mono, di, and tri chlor- oacetic acid and mono and di bromoacetic acid | No | Quarterly range | 10.7 -13.2 | ugl | N/A | MCL=60 | By product of drinking water chlorination needed to kill harmful organisms |
| Health effects Sodium | | | | | | | Water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately reduced sodium diets |