



Davie County

| Contaminant | Number of wells tested | Minimum | Maximum | Average | Maximum Contaminant Level (MCL) * Secondary MCL | Units | Number of wells tested above MCL | Percentage of wells tested above MCL | Number of wells below MCL | Percentage of wells tested below MCL |
|--|------------------------|---------|------------|----------|--|-------|----------------------------------|--------------------------------------|---------------------------|--------------------------------------|
| 1,2-Dibromoethane | 4 | 0.25 | 0.25 | 0.25 | 0.05 | µg/L | 0 | 0.00% | | |
| 1,2-Dichloropropane | 4 | 0.25 | 0.25 | 0.25 | 5 | µg/L | 0 | 0.00% | | |
| Arsenic | 356 | 0.5 | 5 | 1.6 | 10 | µg/L | 0 | 0.00% | | |
| Barium | 43 | 50 | 50 | 50 | 2,000 | µg/L | 0 | 0.00% | | |
| Benzene | 4 | 0.25 | 0.25 | 0.25 | 5 | µg/L | 0 | 0.00% | | |
| Cadmium | 43 | 0.5 | 0.5 | 0.5 | 5 | µg/L | 0 | 0.00% | | |
| Chromium | 43 | 5 | 5 | 5 | 100 | µg/L | 0 | 0.00% | | |
| cis-1,2-Dichloroethene (c-DCE) | 7 | 0.25 | 0.25 | 0.25 | 70 | µg/L | 0 | 0.00% | | |
| Copper | 356 | 25 | 4,160.00 | 75.10 | 1,300* | µg/L | 1 | 0.28% | | |
| Ethylbenzene | 6 | 0.25 | 0.25 | 0.25 | 700 | µg/L | 0 | 0.00% | | |
| Fluoride | 865 | 100 | 17,340.00 | 633.40 | 4,000* | µg/L | 1 | 0.12% | | |
| Iron | 356 | 25 | 374,400.00 | 1,263.80 | 300* | µg/L | 44 | 12.36% | | |
| Isopropyl Ether | 4 | 0.25 | 0.25 | 0.25 | No drinking water standard | µg/L | | | | |
| Lead | 357 | 2.5 | 2,560.00 | 10.00 | 15 | µg/L | 1 | 0.28% | | |
| Magnesium | 356 | 700 | 800 | 767.4 | No drinking water standard | µg/L | | | | |
| Manganese | 356 | 15 | 3,110.00 | 37.80 | 50* | µg/L | 26 | 7.30% | | |

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|--|------------------------|---------|-----------|----------|--|----------------|----------------------------------|--------------------------------------|---------------------------|--------------------------------------|
| Mercury | 36 | 0.3 | 0.3 | 0.3 | 2 | µg/L | 0 | 0.00% | | |
| Methyl tertiary butyl ether (MTBE) | 7 | 0.25 | 0.25 | 0.25 | 20* (recommended taste and odor threshold) | µg/L | 0 | 0.00% | | |
| Nitrate | 37 | 500 | 6,950.00 | 1,235.10 | 10,000 | µg/L | 0 | 0.00% | | |
| Nitrite | 37 | 50 | 50 | 50 | 1,000 | µg/L | 0 | 0.00% | | |
| pH | 355 | 4.9 | 8.9 | 7.0 | 6.5-8.5* | standard units | 2 | 0.56% | 55 | 15.49% |
| Selenium | 43 | 2.5 | 16.7 | 2.8 | 50 | µg/L | 0 | 0.00% | | |
| Silver | 43 | 25 | 25 | 25 | 100* | µg/L | 0 | 0.00% | | |
| Sodium | 26 | 500 | 16,000.00 | 7,488.50 | No drinking water standard | µg/L | 0 | | | |
| Tetrachloroethylene (PCE) | 5 | 0.25 | 0.25 | 0.25 | 5 | µg/L | 0 | 0.00% | | |
| Toluene | 6 | 0.25 | 0.25 | 0.25 | 1,000 | µg/L | 0 | 0.00% | | |
| trans-1,2-Dichloroethene (t-DCE) | 7 | 0.25 | 0.25 | 0.25 | 100 | µg/L | 0 | 0.00% | | |
| Trichloroethylene (TCE) | 7 | 0.25 | 0.25 | 0.25 | 5 | µg/L | 0 | 0.00% | | |
| Vinyl chloride | 7 | 0.25 | 0.25 | 0.25 | 2 | µg/L | 0 | 0.00% | | |
| Xylenes (Total) | 4 | 0.25 | 0.25 | 0.25 | 10,000 | µg/L | 0 | 0.00% | | |
| Zinc | 356 | 25 | 12,310.00 | 230.00 | 5,000* | µg/L | 4 | 1.12% | | |

* **Secondary MCL:** Secondary contaminants may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water.⁸ The **Secondary Maximum Contaminant Level (SMCL)** is a non-enforceable standard for secondary contaminants in drinking water. SMCLs may be based upon a contaminant's likelihood to cause changes to the taste, odor, or color of drinking water, or, may be based on the likelihood of the contaminant to cause technical changes such as damage to water fixtures or an increased availability of other contaminants in drinking water.⁸

Tracking and Analyzing Contaminants (TrAC) in Private Well Water in NC
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