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| **Reasons To Test Water** | **Tests Needed** | **Public Cost** | **Bottle Needed** |
| * Recurring gastro-intestinal illness * Flu-like symptoms * Skin rashes * Storm water runoff nearby | **Pools - Bacteria**  HPC, Total Coliform/*E. coli* | $30 per bottle | http://static.coleparmer.com/large_images/06035_15.jpg |
| * Recurring gastro-intestinal illness * Flu-like symptoms * Nearby areas of intensive agriculture * Leakage from septic tanks or sewage | **Non-pool\* -Bacteria**  Total Coliform/*E. coli*  \*SW & Wells | $10 per bottle | http://www.frontcountry.com/frontcountry/images/items/nalgene_round_wide_mouth_bottle_rg_fr.jpg |
| * Corrosion of pipes, plumbing * Coal or other mining operations nearby * Dump, junkyard, landfill, factory, gas station, or dry-cleaning operation nearby * Erosion of natural deposits, runoff from glass and electronics production wastes * Hazardous waste sites, chemical plants, or factories nearby * Health problems including stomach cramps, skin discoloration/irritation, headaches, vomiting/nausea, difficulty in breathing, muscle weakness, and kidney damage * Household plumbing contains lead * Objectionable taste or smell * Rust colored stains * Stained plumbing fixtures, laundry * Water softener needed to treat hardness | **Metals**  Arsenic  Barium  Cadmium  Chromium  Iron  Lead  Mercury  Copper | $10 per bottle | http://www.frontcountry.com/frontcountry/images/items/nalgene_round_wide_mouth_bottle_rg_fr.jpg |
| * Dump, junkyard, landfill, factory, gas station or drilling, or dry-cleaning operation nearby * Erosion of natural deposits, possibly from intensive agriculture * Health problems including bone tenderness, pain, and fractures, high pressure, and shortness of breath * Leakage from septic tanks or sewage * Fluoride content to determine need for supplements in wells * Salty taste and seawater, or a heavily salted roadway nearby * Water softener use detection | **Anions**  Chloride  Fluoride  Nitrate  Nitrite  Phosphate  Sulfate | $10 per bottle | http://www.frontcountry.com/frontcountry/images/items/nalgene_round_wide_mouth_bottle_rg_fr.jpg |