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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**ArsenicBariumCadmiumChromiumIronLeadMercuryCopper | $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**ChlorideFluorideNitrateNitritePhosphateSulfate | $10 per bottle | http://www.frontcountry.com/frontcountry/images/items/nalgene_round_wide_mouth_bottle_rg_fr.jpg |