

## Private Well Remediation Options

Contaminate	Remediation Options
<b>Total Coliform</b>	Microbiological Purifiers; Ultraviolet Disinfection <sup>1</sup> ; Chlorinators <sup>3</sup>
<b>E.coli</b>	Microbiological Purifiers; Ultraviolet Disinfection <sup>1</sup> ; Chlorinators <sup>3</sup>
<b>Nitrate</b>	Reverse Osmosis <sup>1</sup>
<b>Iron</b>	Air Stripping (Packed Tower Aeration) with filtration; Ion Exchange <sup>2</sup>
<b>Manganese</b>	Ion Exchange <sup>2</sup>
<b>pH</b>	Acid neutralizing filters; chemical feed pump systems <sup>3</sup>
<b>VOCs</b>	Filtration; Reverse Osmosis <sup>1</sup>
<b>Lead</b>	Distillation; Filtration; Reverse Osmosis <sup>1</sup>
<b>Arsenic</b>	Distillation <sup>1</sup> ; Granular Ferric Adsorption <sup>6</sup>
<b>Mercury</b>	Filtration <sup>1</sup> ; KDF-55 with pH adjustment <sup>3</sup>
<b>Gross Alpha Particle Activity</b>	Reverse Osmosis <sup>3</sup> ; Ion Exchange
<b>Radium</b>	Cation Exchange; Reverse Osmosis <sup>3, 7</sup>
<b>Uranium</b>	Anion Exchange; Reverse Osmosis <sup>3, 8</sup>
<b>1,2,3–Trichloropropane</b>	Granulated activated carbon systems <sup>4</sup>
<b>Ethylene Dibromide</b>	Granulated activated carbon systems; Filtration <sup>1</sup>
<b>1,2-Dibromo- 3-chloropropane</b>	Granulated Activated Carbon systems; pack tower aeration <sup>5</sup>
<b>Perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS)</b>	Granulated activated carbon systems <sup>9</sup>

1. Contaminant Reduction Claims Guide <http://www.nsf.org/consumer-resources/water-quality/water-filters-testing-treatment/contaminant-reduction-claims-guide>

2. Summary Treatment Options for Homeowners [https://www.state.nj.us/dep/watersupply/pdf/pwta\\_options.pdf](https://www.state.nj.us/dep/watersupply/pdf/pwta_options.pdf)

3. wellcare® information for you about pH in Drinking Water [https://www.watersystemscouncil.org/download/wellcare\\_information\\_sheets/potential\\_groundwater\\_contaminant\\_information\\_sheets/9709284pH\\_Update\\_September\\_2007.pdf](https://www.watersystemscouncil.org/download/wellcare_information_sheets/potential_groundwater_contaminant_information_sheets/9709284pH_Update_September_2007.pdf)

4. New Jersey Department of Health – Drinking Water Facts 1,2,3–Trichloropropane [https://www.nj.gov/health/ceohs/documents/dwf\\_tcp.pdf](https://www.nj.gov/health/ceohs/documents/dwf_tcp.pdf)

5. EPA, Safewater <https://safewater.zendesk.com/hc/en-us/articles/212078237-7-How-will-1-2-dibromo-3-chloropropane-be-removed-from-my-drinking-water->

6. Arsenic Water Treatment for Residential Wells in New Jersey [https://www.nj.gov/dep/pwta/Arsenic\\_Treatment.pdf](https://www.nj.gov/dep/pwta/Arsenic_Treatment.pdf)

7. A South Jersey Homeowner's Guide to Radioactivity in Drinking Water: Radium <https://www.state.nj.us/dep/rpp/rms/agreedown/radwater.pdf>

8. A North Jersey Homeowner's Guide to Radioactivity in Drinking Water: Uranium <https://www.state.nj.us/dep/rpp/rms/agreedown/urwater.pdf>

9. Recommendation from the NJ Drinking Water Quality Institute's Treatment Subcommittee as described in the NJDEP rule proposal to add PFOA, PFOS, and PFNA to PWTA <https://www.nj.gov/dep/rules/proposals/20190401a.pdf>