

**MINIMUM WATER QUALITY TESTING PARAMETERS FOR HUD
U.S. EPA DRINKING WATER RECOMMENDATIONS FOR PRIVATE WELL WATER QUALITY TESTING**

Contaminant	HUD Requirement (1)	Maximum Contaminant Level (MCL) (2)	Title 40 Code of Federal Regulations (CFR) Citation (4)	Treatment by (POU/POE) Point of Use or Point of Entry (3, 7)
Lead(First Draw)	.015 mg/l	TT with Action Level of 1.015 mg/l	141.80 - 141.91	1. Reverse Osmosis 2. Activated Alumina
Nitrate (as Nitrogen)	10 mg/l	10 mg/l	141.62	1. Ion Exchange 2. Reverse Osmosis 3. Electrodialysis
Nitrite (as Nitrogen)	1 mg/l	1 mg/l	141.62	1. Ion Exchange 2. Reverse Osmosis
Total Nitrate/Nitrite	10 mg/l	10 mg/l	141.62	1. Ion Exchange 2. Reverse Osmosis
Total Coliforms	< 10/100 ml	< 10/100 ml (4, 5)	(141.63) (4)	1. Disinfection 2. Reverse Osmosis
Fecal Coliforms Or E.Coli	ZERO	ZERO (4, 6)	(141.63) (4)	1. Disinfection 2. Reverse Osmosis

1. HUD requirement is based on EPA's MCL (Maximum Contaminant Level). Where other contaminants of local concern or occurrence are tested for the HUD requirement shall be the same as EPA's MCL for that contaminant.
2. MCL stands for Maximum contaminant Level. This level at which public water supplies are required to take action.
3. POU/POE stands for Point of Use/Point of Entry devices. Devices should meet 3rd Party Certification standards such as NSF International. For information such as NSF International certified devices, write them at 3475 Plymouth Road, P.O. Box 1468, Ann Arbor, MI 48106 or call them at (313)769-8010.
4. CFR stands for Title 40 Code of Federal Regulations. CFR citations only apply to Maximum contaminant Levels for the contaminants. Citations for MCLGs and analytical methodology are located elsewhere in the CFR. The MCLGs for total coliform, fecal coliforms and E.Coli, which are found in 40 CFR 141.63, are somewhat different than the levels recommended in this document since this assumes a single sample.
5. Density of total coliforms should be less than 10 organisms/100 ml water sample. (This value is not the MCL, because the MCL is based on the results of more than one sample).
6. Each total coliform-positive colony or culture tube should be tested for either fecal coliforms or E.Coli. If this test is performed, a separate water sample for fecal coliform / E.Coli testing is not needed.
7. Must conform to the Requirements of ML 92-18.