



# PRIVATE WELL WATER TESTING REQUIREMENTS BOARD OF HEALTH



## Existing Drinking Water Private Well

## Existing Irrigation Only Private Well

## New Drinking Water Private Well

## New Irrigation Only Private Well

## Sale of a Property

## Rental Property

## Geothermal Wells



- Test for the BASIC 4 within 6 months of July 1, 2024
- Complete the BASIC 4 each year
- Test for the BASIC 4 within one year of July 1, 2024
- Complete the BASIC 4 on a 5-year cycle
- Complete BASELINE testing at time of construction
- Complete the BASIC 4 every year
- Complete BASELINE testing is required every 10 years
- Complete BASELINE testing at construction
- Complete the BASIC 4 on a 5-year cycle
- At the time of sale, and not more than 1 year prior to transfer of the property.
- Up to one year prior to the Title 5 Inspection.
- Complete Baseline Testing.
- within 60 days after July 1, 2024;
- Current year's testing provided to the renter before tenancy begins.
- Complete Baseline Testing
- Open and split loop geothermal wells are required to meet the same conditions as new drinking water wells.



## Basic 4 Total Coliform E. Coli Nitrate Nitrite

## Baseline Testing

Arsenic  
Chloride  
Copper  
Fluoride  
Hardness  
Iron  
Lead  
Manganese  
pH  
Sodium  
Total Coliform bacteria  
E. coli bacteria  
Nitrate/Nitrite  
VOCs  
PFAS  
*(Per- and polyfluoroalkyl substances) including the following six PFAS chemicals (PFAS6):*

- perfluorooctane sulfonic acid (PFOS)
- perfluorooctanoic acid (PFOA)
- perfluorohexane sulfonic acid (PFHxS)
- perfluorononanoic acid (PFNA)
- perfluoroheptanoic acid (PFHpA)
- perfluorodecanoic acid (PFDA)

Wells drilled into bedrock a Gross Alpha Screen and Radon test are required.

\*The Board of Health recommends full comprehensive testing be conducted for the owner's knowledge and to assist in data collection efforts.

For questions, please contact the Manchester-by-the-Sea Board of Health  
978-526-7385 or [health@manchester.ma.us](mailto:health@manchester.ma.us)