

THE LINK TO EACH DOCUMENT LISTED BELOW, IS AVAILABLE ON THE TOWN'S WEBSITE UNDER THE HEADING: "BOARDS & COMMITTEES" > "GROUND WATER QUALITY COMMITTEE"

Long Island Ground Water Quality Committee

INFORMATION SOURCES

All the groundwater brochures and information on the table can be downloaded from the Internet for additional information by copying the links attached to each Document (No.) to your internet browser.

Frequently Asked Questions:

Saltwater Intrusion: Generally agreed sea level rise in Casco Bay is 1/8" per year. In addition, unusual storms may increase chance of saltwater getting into the groundwater system.

Bacteria in Water Supplies:

Most coliform bacteria are not disease carriers. There are a few types that are disease carriers. Well water tests look for all types of coliform bacteria as an indicator that disease carrying coliform bacteria may be present. If any bacteria are present in well water, then it's assumed that the disease type are probably present, also.

How your well water can become contaminated? Some common ways are:

Surface water and bacteria leak through a loose or cracked well cover;

Surface water and bacteria leak down the outside of the well pipe entering the bottom end of the well pipe;

Surface and ground water along with bacteria may leak through the side of a dug well;

Bacteria may enter the well during a well repair process;

The groundwater serving the well may be contaminated from a remote source.

If the well is properly constructed, and the groundwater feeding the well is not contaminated, then there should be no bacteria found in your drinking water.

There are several ways to repair a well and decontaminate the drinking water after bacteria are found by shocking the well with bleach. There are also filters and water treatment systems available to remove contaminants such as manganese, arsenic, rust, radon, volatile organics, etc.

PFAS Contamination:

PFAS testing for residential well water costs \$250 to \$500. The drinking water must be collected and tested in accordance with Maine DEP requirements. There are many sources of PFAS contamination that are found in ground water such as cosmetics, fertilizer, treated sewage, fire retardants, pharmaceutical compounds, to name a few.

DOCUMENTS AVAILABLE TO DOWNLOAD FROM THE INTERNET.

Document Number (1) <https://www.maine.gov/dacf/mgs/explore/water/regs/marvinney.pdf>

Document Number (2) <https://www.maine.gov/dhhs/mecdc/environmental-health/dwp/cet/documents/GroundwaterRule.pdf>

Document Number (3) <https://www.maine.gov/dhhs/mecdc/environmental-health/dwp/consumers/waterWellFacts.shtml>

Document Number (4) <https://www.mainewater.com/conservation/outdoor-water-conservation>

Document Number (5) <https://extension.umaine.edu/york/wp-content/uploads/sites/28/2018/06/ME-rainharvesting.pdf>

Document Number (6) <https://www.mainewater.com/media/1871/maine-xeriscape-brochure.pdf>

Document Number (7) <https://www.mainewater.com/conservation/indoor-water-conservation>

Document Number (8) <https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/wells/documents/testforarsenictipsheet.pdf>

Document Number (9) <https://apps.web.maine.gov/dhhs/mecdc/environmental-health/eohp/wells/documents/arsenicresultstipsheet.pdf>

Document Number (10) [file:///C:/Users/rfswe/Downloads/affording-treatment%20\(1\).pdf](file:///C:/Users/rfswe/Downloads/affording-treatment%20(1).pdf)

Document Number (11) https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/wells/documents/wwbrochure_web.pdf

Document Number (12) <https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/wells/manganese.htm#:~:text=Manganese%20in%20Drinking%20Water%3A%20Questions%20and%20Answers%201,Where%20can%20I%20get%20more%20information%20about%20manganes e%3F>

Document Number (13) <https://www.maine.gov/dhhs/mecdc/environmental-health/dwp/cet/documents/TakingTCbacteriaTestProperly.pdf>

Document Number (14) <https://extension.umaine.edu/publications/7115e/>

Document Number (15) https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/wells/documents/wwbrochure_web.pdf

Document Number (16) https://www.maine.gov/dep/spills/topics/pfas/PFAS-homeowner-sampling_revised.pdf

Document Number (17) <https://www.maine.gov/dep/spills/petroleum/documents/vphephexplanationforhomeowners.pdf#:~:text=These%20tests%20provide%20information%20needed%20to%20determine%20if,based%20on%20the%20chemistry%20of%20carbon%20and%20hydrogen>

Document Number (18) <https://www.epa.gov/septic/types-septic-systems>

Document Number (19) Call Ralph Sweet for an e-mailed copy of Time of Travel Contours map, Home Phone 766-5142.