



## Plymouth County, MA – Drinking Water

**Project Location:** Plymouth County, MA

**Team Members Needed:** Please see description and responsibilities of team members needed (at a minimum):

1. Responsible Engineer in Charge (REIC) - *Four years of professional experience in drinking water engineering and a Professional Engineering license in Massachusetts*
2. Quality Assurance Manager (QAM) - *Four years of experience*
3. Project Lead

Full descriptions and role/responsibilities are linked and can be found on our website. Outside of those listed above, additional general project team members are welcome.

**Project Background:** A small water utility in Plymouth County, MA, is looking to connect seasonal users to the main distribution system, increasing their customer base by offering year-round service. The current main lines are shallow and undersized, causing them to be unable to support year-round service. For this reason, the community is looking to upsize the lines and bury at an adequate depth for year round use.

Currently, community members that have seasonal pipes rely on private wells that provide water to residents during off-season. In addition to the general issue of water provision, a major concern is that these private wells have tested high for nitrates and magnesium.

**Description of the Community:** The utility serves 117 houses, with 65 being year-round residents and the remaining being seasonal residents because they are served by seasonal water mains and are unable to occupy their homes when their seasonal mains are not operational. The community's annual per capita income is approximately \$45,000, and while it is not designated as underserved, there are significant concerns pertaining to the community's inability to provide essential services like water to its residents.

**Project Scope of Work:** The project will require an assessment of the current drinking water distribution system, and the development of a preliminary engineering report to assess alternatives, establish a recommended alternative, implementation costs, and long-term operational costs associated with year-round water distribution to community members currently connected to the seasonal main lines.

**Timeline:** There is not a strict deadline, but we are hoping to complete this as soon as possible so the community can move forward with funding and implementation. An ideal timeline would have the deliverable produced by mid-2026.

**Contact:** If you are interested in volunteering for learning more, please contact us at [CECinfo@ewb-usa.org](mailto:CECinfo@ewb-usa.org).