



# CEI Water-cycLIST



Innovation Overview

**What:** A custom model that can be used to evaluate development impacts on the local water balance under different scenarios. It could also be used to evaluate offsets to a water withdrawal permit or to assess aquifer recharge efforts. Particularly beneficial for developing Integrated Water Management Plans for holistically addressing water supply, wastewater management and stormwater management.

**Why:** Saves money and promotes recharge to help in protecting well yields and streamflow.

**Useful for:** Massachusetts water systems in water short areas, any community that wants to protect streamflow and aquifers. There are other models but they are not at the watershed level.

Other tools do not assess on-site sewage recharge.

## Advantages:

- Can be used to assess the impact of zoning changes or large scale landuse changes on water supplies.
- Helpful in developing offsets to water withdrawals.



### To Learn More, Contact:

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