

Water Quality Lab

Connecticut River Conservancy



Connecticut River
Conservancy

CRC headquarters in Greenfield is home to a water quality lab where we can process samples for E. coli bacteria and microplastics for ourselves, our partners, and the community.

Our water quality monitoring program provides vital scientific information to help the public and local, state, and federal partners better understand our rivers' health. The data collected by our volunteers and staff helps inform other areas of work such as advocacy, restoration, and recreation access.



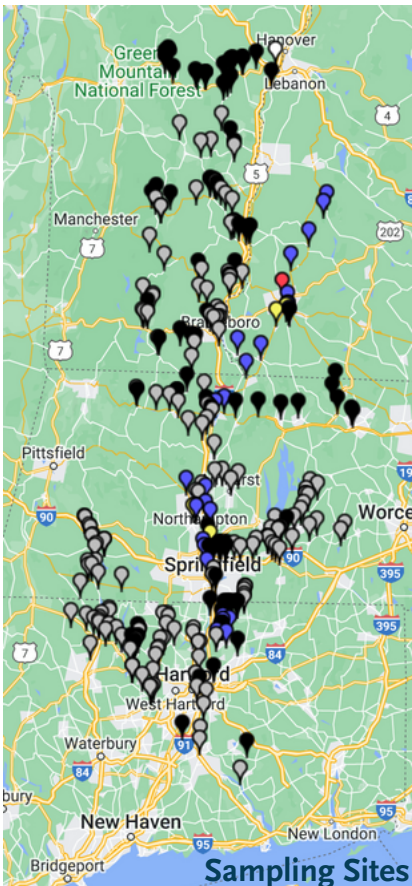
Is It Clean?/¿Está Limpio?

Volunteers in VT, MA, and CT collect water samples from the Connecticut River and its tributaries that are tested for E. coli bacteria, nitrogen, phosphorus, chloride, turbidity, specific conductance, and/or microplastics.

Anyone collecting E. coli data in the watershed is able to upload and share their results through the “Is It Clean?/¿Está Limpio?” website.

New Initiatives

CRC received a grant from the Massachusetts Department of Environmental Protection that enabled us to purchase the lab equipment necessary to process total nitrogen samples. We are incorporating nitrogen monitoring into our water quality program in 2024.



Equipment

- IDEXX Colilert System
- Kjeltec 8100
- Incubator
- Autoclave

