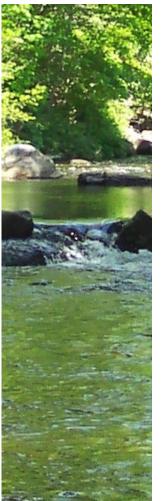




Partnerships in Water Quality Monitoring

UCONN/CLEAR CT MS4 Monitoring Workshop Milford City Hall June 20, 2019

Carol Haskins, Program Director





Watershed Groups in Connecticut at a Glance

- Bantam Lake Protective Assoc.
- Branford River Project Branford Land Trust
- Byram River Watershed Alliance
- Candlewood Lake Authority
- Clean Up Sound and Harbors Inc.
- Coginchaug River Greenway Committee
- Conservation Districts
- CT Federation of Lakes
- CT River Conservancy
- CT River Gateway Commission
- Farmington River Watershed Assn.
- Friends of the Farm River Estuary
- Great Meadows Conservation Trust
- Harbor Watch Earthplace
- Highland Lake Watershed Assn.
- Hockanum River Watershed Assn.
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- Lake Housatonic Authority
- · Lake Lillinonah Authority
- Lake Zoar Authority
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- Lake Waramaug Task Force
- The Last Green Valley
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- Mianus River Watershed Council
- Natchaug River Alliance
- Nature Conservancy CT Chapter

- Naubesatuck Waters
- Naugatuck River Revival Group
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- Pequonnock River Conservancy
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- Pootatuck Watershed Assn.
- Quinnipiac River Watershed Assn.
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- Save the River/Save the Hills
- Save the Sound CT Fund for the Environment SoundKeeper
- Saugatuck River Watershed Assn. / Partnership
- Scantic River Watershed Assn.
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- Trout Unlimted CT & Local Chapters
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www.riversalliance.org/river_groups.php



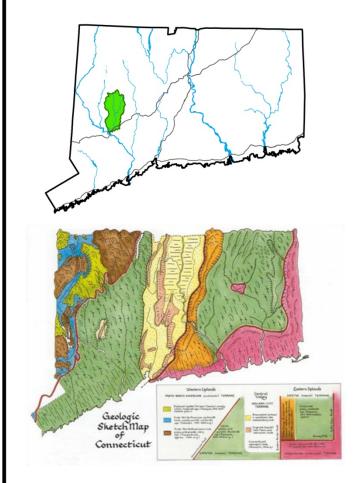
PRWC Mission

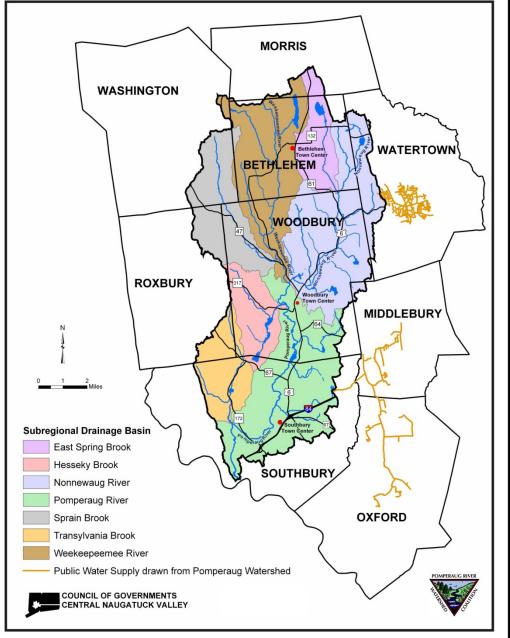
Pomperaug River Watershed Coalition's mission is to ensure the availability of high quality water in the Pomperaug Watershed communities through the use of science and education. We share our knowledge and expertise with others committed to the protection of water resources for future generations.



Pomperaug River Watershed

A 90-square mile watershed that drains to the Housatonic River Watershed in western Connecticut and that has geology mimicking the centrally located Connecticut River Watershed.







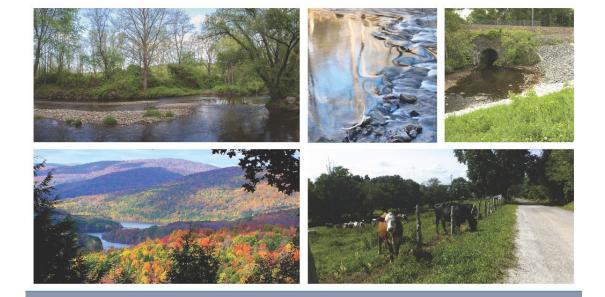
PRWC Model

Since its inception in 1999 the Pomperaug River Watershed Coalition has been a true coalition:

- Municipalities
- Businesses
- Individuals
- Environmental Partners
- Foundations
- Federal/State Government

Maintaining this coalition is critical to PRWC's strategy

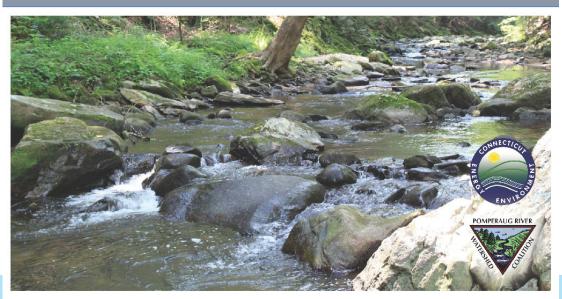




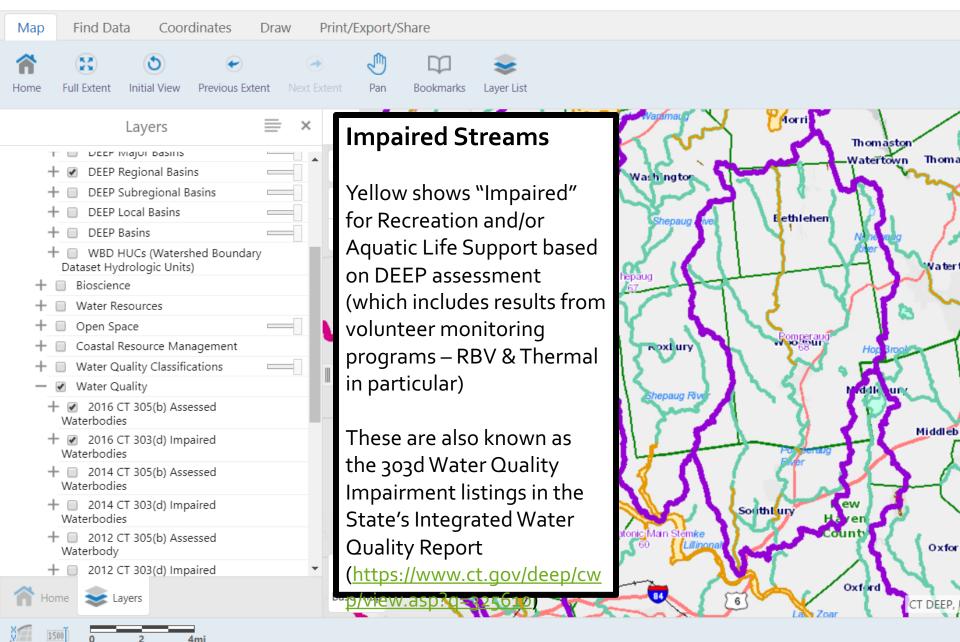
Pomperaug River Watershed Based Plan

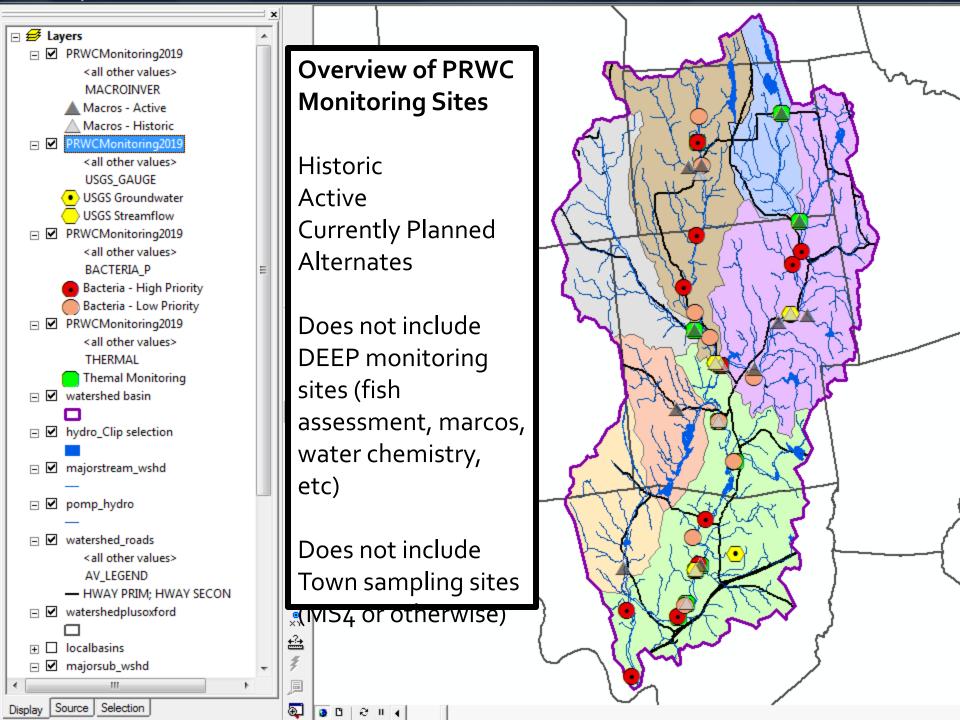


SEPTEMBER 2018





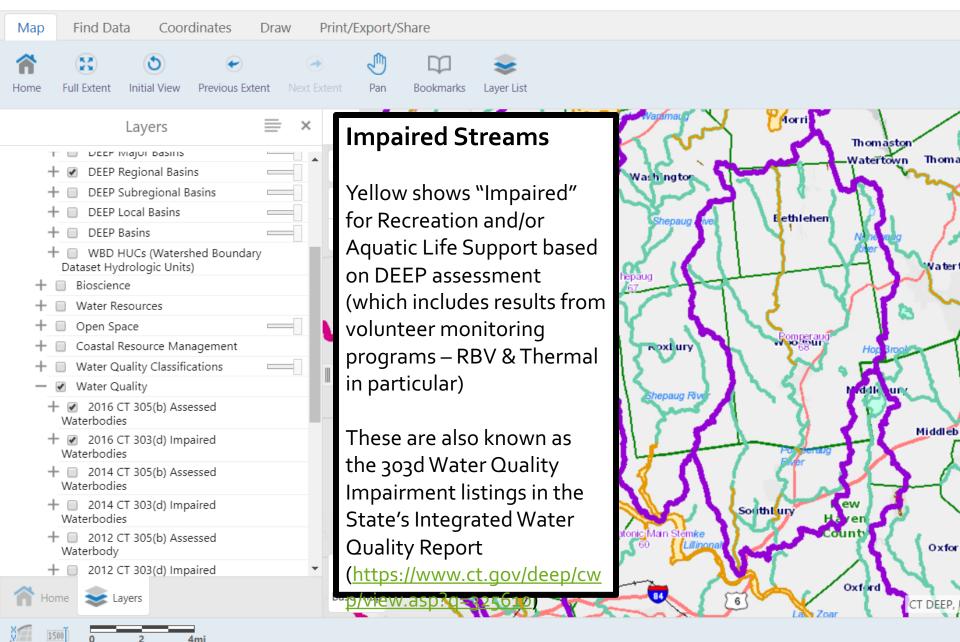


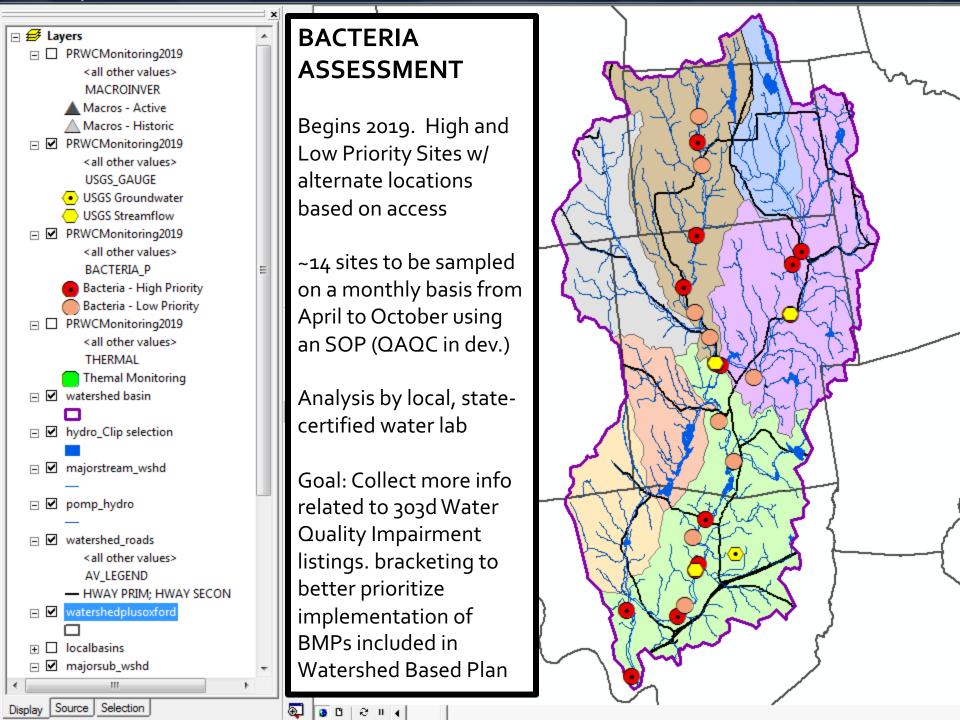


Overview of PRWC's Stream Monitoring Activities

- Streamflow Gauges (USGS)
- Macroinvertebrate Sampling
 - Protocols from and data submitted to CT DEEP Riffle Bioassessment by Volunteers (RBV) Program <u>www.ct.gov/deep/rbv</u>
- Stream Temperature Monitoring
 - Protocols from and data submitted to CT DEEP Volunteer Stream Temperature Monitoring (VSTeM)Program www.ct.gov/deep/vstemnetwork
- Bacteria Assessment
 - Analysis at state certified water testing laboratory; field protocols and data sheets in draft form; need to draft a QAQC plan
- Other Parameters to Consider



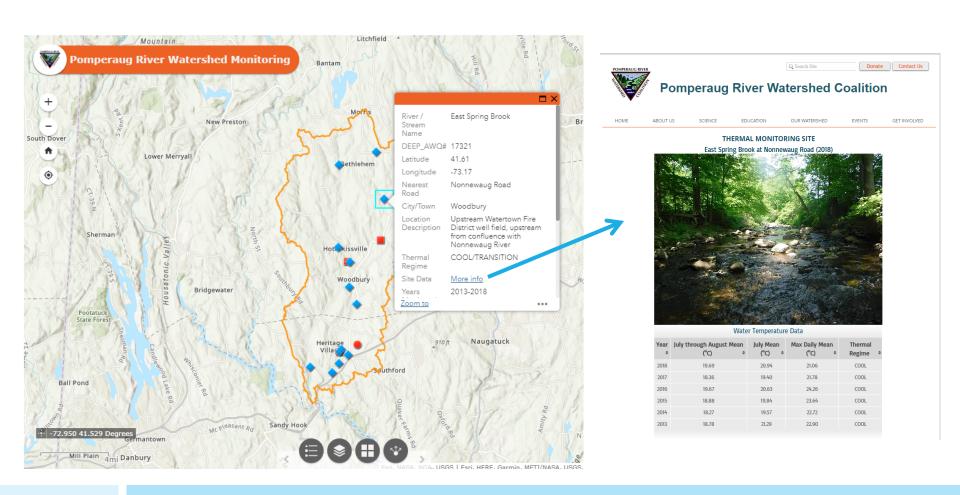


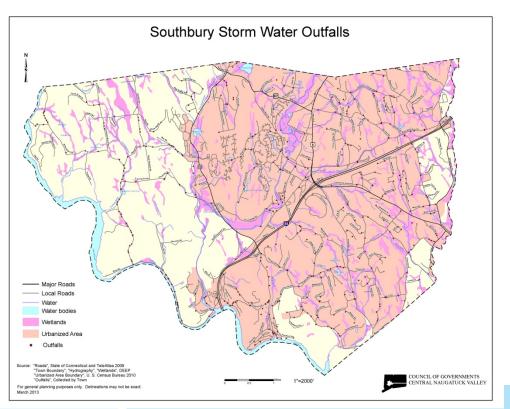


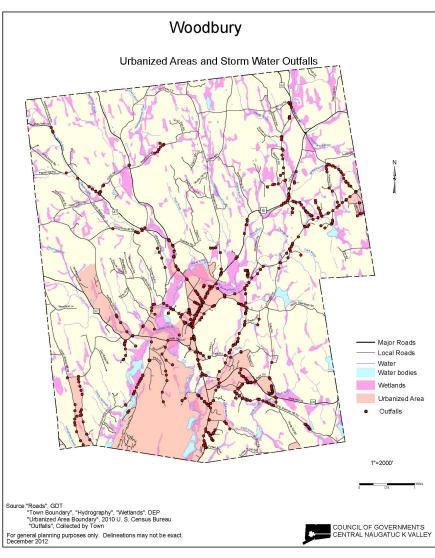
PRWC Stream Temperature Monitoring Results Interactive Map (supported by NVCOG) on PRWC's Monitoring webpage:

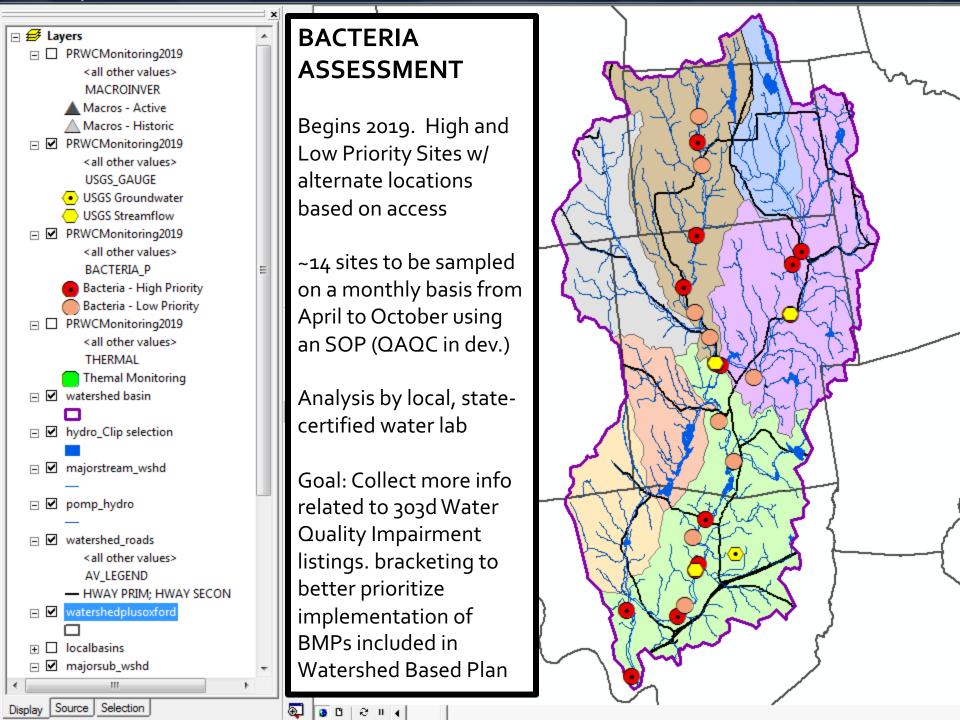
www.pomperaug.org/monitoring

Displays Thermal Classification which is based on a combination of July – Aug Mean; July Mean; and Max Daily Mean thresholds established by DEEP research











Monitoring, Restoration, Stewardship, & Education

















Watershed Education Programs

















Stormdrain Marker Installations Pomperaug River Watershed Area



Legend

— Stream/River

Town Boundary

Pomperaug Watershed

Roads - Stormdrain Marker Status

----- 2014 Installations

2015 Installations

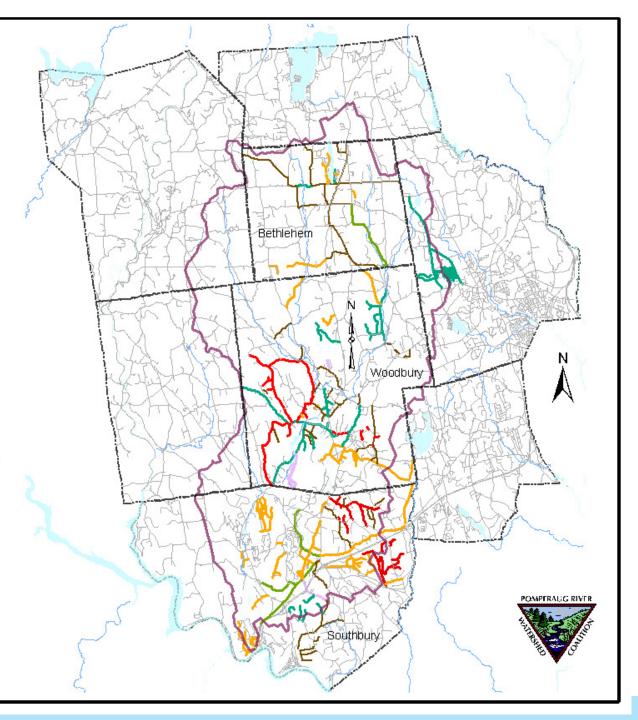
2016 Installations

- 2017 Installations

Unmarked Drains

Marker Installation In Progress

Markers to Be Installed



Find a Watershed Group in Your Community!

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PRWC Update



Thank You!

Questions?

