

# Baker Cove Watershed Committee or "Bacwac"

Eastern Connecticut Conservation District (ECCD)

## 18 mos. Simplified Plan of Work as of 7-2021

Jan. 2021 through June 2022

Bacwac is a regional volunteer group working to reduce pollution in the waters that drain to Baker Cove, Groton. We are institutional, non-profit, municipal, business, & resident stakeholders and meet 6x yr. Please join us!

Our mission: To improve water quality in Baker Cove with implementation of the EPA & DEEP approved Baker Cove Watershed-Based Plan to reduce or eliminate non-point source pollution.



<small>for reference aid only</small>	<b>PRIORITIES</b> <small>priority level (low / medium/ high) + cost category at right</small>	<b>Priority</b>	<b>Cost</b> \$ - \$\$ - \$\$\$	<b>Corresponding Watershed Plan GOAL</b> (more info below)	<b>Bacwac Partner(s)</b>
1	Create resident / business <b>"Good Housekeeping" Recognition Program</b> for community members demonstrating use of 'best management practices'	M	\$	Education, Good Housekeeping	ECCD, Town / City Municipalities Conservation Commission
2	<b>Public School adoption of environmental stewardship projects</b> via classrooms, grade-level, or internships (stormdrain stenciling, rain gardens, monitoring)	H	\$\$\$	Education, Pollutant Load Reduction	ECCD, Town / City Municipalities, Project Oceanology
3	Coordinate quarterly stakeholder-sponsored <b>stream &amp; waterside clean-ups</b>	M	\$	Education, Good Housekeeping	ECCD, Town / City Municipalities, Groton Open Space Assoc., residential complexes, Conservation Commission, Groton Utilities
4	Plan <b>Fertilizer Behavior Change Campaign</b> using Niantic River Watershed Committee work as model (if N & P are an issue)	M	\$\$	Education, Good Housekeeping	ECCD, The Nature Conservancy, UConn Avery Point, Long Island Sound Study (LISS), DEEP
5	Conduct <b>Rain Garden Initiative</b> - plan & install 9 new sites by period end	M	\$\$\$	Education, Pollutant Load Reduction	ECCD, Town / City Municipalities, stakeholders
6	Conduct <b>Rain Barrel Initiative</b> - promotion for install of 30 by period end	H	\$\$	Education, Pollutant Load Reduction	ECCD, Town / City Municipalities, stakeholders
7	Promote existing <b>free stakeholder workshops</b> on non-point source issues	L	\$	Education, Good Housekeeping	ECCD, UConn Avery Point
8	Ongoing <b>Community Engagement</b> to support stakeholder ID, education, & volunteer recruitment (mailings, surveys, tabling events, lit sharing, social & mass media)	H	\$	Education	ECCD, Town / City Municipalities, Groton Open Space Assoc.
9	Implement ongoing <b>water quality monitoring program</b>	H	\$	Education / administration	ECCD, Town / City Municipalities, Groton Utilities

Below GOALS are outgrowths of those defined in the 2011 ECCD Baker Cove Watershed Based Plan available here: <https://portal.ct.gov/DEEP/Water/Watershed-Management/Watershed-Management-Plans-and-Documents>

<b>Goal 1</b>	<b>EDUCATION</b> -- Build knowledge of * the water cycle * Baker Cove watershed: location & conditions * non-point source pollutants & impacts * Best Management Practices (BMPs)
<b>Goal 2</b>	<b>ECOLOGY MITIGATION</b> via <b>RIPARIAN BUFFERS</b> -- Preserve and restore critical wetland and watercourse vegetative buffers
<b>Goal 3</b>	<b>GOOD HOUSEKEEPING</b> -- promote adoption of recognized mitigation and prevention practices among municipalities, business, and property owners
<b>Goal 4</b>	<b>POLLUTANT LOAD REDUCTION</b> -- Implement Low-Impact Development (LID) engineered structural measures to reduce non-point source loading

**cost key**  
 \$ -- low cost: estimate of time/materials less than \$1500  
 \$\$ -- mid-cost: achievable through cost-sharing / donations, roughly \$1500 - \$10,000  
 \$\$\$ -- high cost: outside Bacwac capacity, requires grant funding, but cost-benefit ratio warrants effort- business/muni CAP interest