

# Acton Wakefield Watersheds Alliance



## 2018 Youth Conservation Corps Highlight Report



The Acton Wakefield Watersheds Alliance, a non-profit organization established in 2005, is dedicated to protecting and restoring the water quality of the lakes, ponds, rivers and streams of Wakefield, New Hampshire and the border region of Acton, Maine. AWWA staff members and volunteers work within the communities to strengthen the understanding that what happens on land determines the health of the local waters. Healthy waterbodies provide essential benefits to our communities as a natural resource, wildlife habitat, recreational opportunity and economic engine.

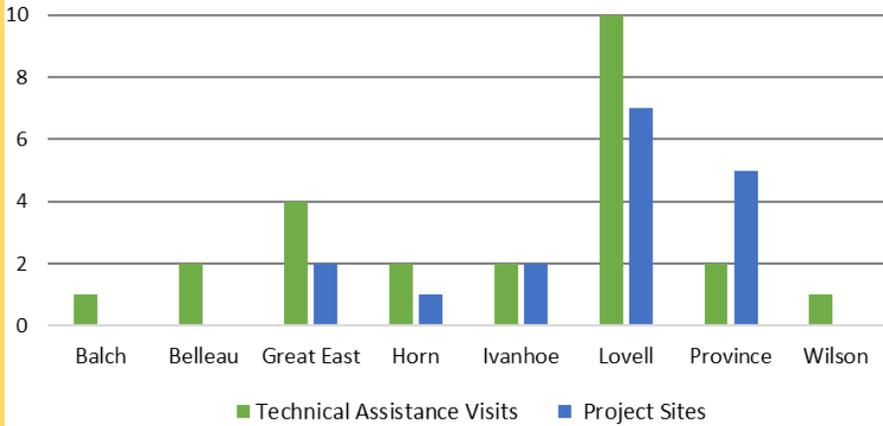
AWWA's Youth Conservation Corps (YCC) program was developed in 2006 to implement erosion control projects in our target region. The program is designed to reduce pollution caused by runoff from rain events and seasonal melt water that flows into our local lakes, rivers, and streams. The YCC tackles this through the installation of "Best Management Practices" (BMPs) or landscaped features that promote the infiltration of runoff or divert the runoff away from the lake toward vegetation where it can soak into the ground. Each project showcases solutions to environmental problems faced by waterfront properties that landowners can do themselves.

The process starts with a technical assistance visit between the homeowner and the AWWA program manager. During this initial meeting, the discussion centers on how the homeowners use their property, identifying areas with erosion, and going over potential fixes. After assessing the property, the homeowner receives a technical assistance packet that includes a site design, recommendations, local suppliers, and BMP fact sheets. The homeowner can implement the recommendations themselves, or can apply to become a YCC project. If selected as a project, the YCC will then provide free labor to install the BMPs and the homeowner is responsible for buying the materials.

The labor of crew is funded by donations and grants, and the landowner provides all the necessary materials. Behind these projects is a crew of eager high school students supervised by a crew leader and the program manager. The YCC program gives its youth corps the opportunity to effect environmental solutions and empowers them to become the future stewards of our water resources.



### 2018 YCC Statistics



### 2018 YCC Crew



Bryce Stetson, James Shimansky, Cody Granger, Zack Stadtfeld & Christian Kenney

### 2018 Totals

YCC Projects	17
TA Site Visits	24
BMPs Installed	131
Plants	240
Yards of Mulch	133.5
Yards of Stone	22.5
# Crew	5
Sediment Reduced (tons/yr)	51.9
Phosphorus Reduced (lbs./yr)	43.8



Vegetated Buffer - Horn Pond



Waterbar - Lake Ivanhoe



Rubber Razor Driveway Diverters  
Lovell Lake



Erosion Control Mulch & Native Plants  
Province Lake



Waterbars, Erosion Control Mulch & Native Plants  
Great East Lake