



*MWA is dedicated to the
preservation of the
environment and natural
beauty of the
Memphremagog
Watershed to ensure its
protection for
generations to come*

MWA was founded in 2007 and is a membership based 501(c)(3), non-profit organization

Located in the Northeast Kingdom
MWA's work is made possible by an

- Active Board of Directors
- Volunteers
- Paid Staff



2018 by the Numbers

- 10 Landowners Visits
- 84 Professionals trained
- 8 Workshops/Trainings
- 3 Scholarships given
- 96 Students reached
- 2 Outdoor educational events
- 8 Outdoor Workdays
- 1 completed Road Erosion Inventory
- 2 Stormwater Collaborative Meetings
- Funded 15 Lake Wise Assessments



Development



- In 2017, MWA hired a full-time Administrative Director to develop and implement programming.
- In 2018, MWA was able to hire 2 seasonal interns.
- Our funders:
 - High Meadows Fund
 - Vermont Department of Environmental Conservation
 - International Joint Commission
 - Vermont Community Foundation
 - Pomerleau Foundation
 - Membership Dues
 - Local businesses

Education and Outreach Programs

MWA provides hands-on programs for youth and adults



- Annual Youth Discovery Program for 3rd graders
- Outdoor recreational learning opportunities
 - Paddles
 - Nature walks
 - Conservation skis and snowshoes
- Trainings and workshop series
- Direct landowner outreach and site visits
 - Erosion control and lake shore best management practices

MWA Scholarship Program



Since 2012, MWA has provided scholarships for up to 3 students graduating from local high schools and going to college to study natural sciences.

Stormwater Mitigation and Remediation



Memphremagog Watershed
Stormwater Strategic Plan
June 11th, 2018



Town of Charleston

Town of Brighton

Town of Derby

- Stormwater Strategic Plan released in 2018
- Landowners connected with resources for designing and implementing projects
- Rain gardens built and maintained
- Lake Wise Assessments provided
- Educational workshops
- Stormwater master planning and retrofits

Large Scale Stormwater Retrofits

MWA has received two Ecosystems Restoration Program Grants from the state of Vermont.

We hold two contracts with Watershed Consulting Associates to design large scale projects that will reduce phosphorus loading to Lake Memphremagog.

Two Locations:

- Newport Turnout near Built by Newport
- Newport Marine Services Outfall near Farrant Street.



Example of StormTech Chambers- a possible project outcome for both locations

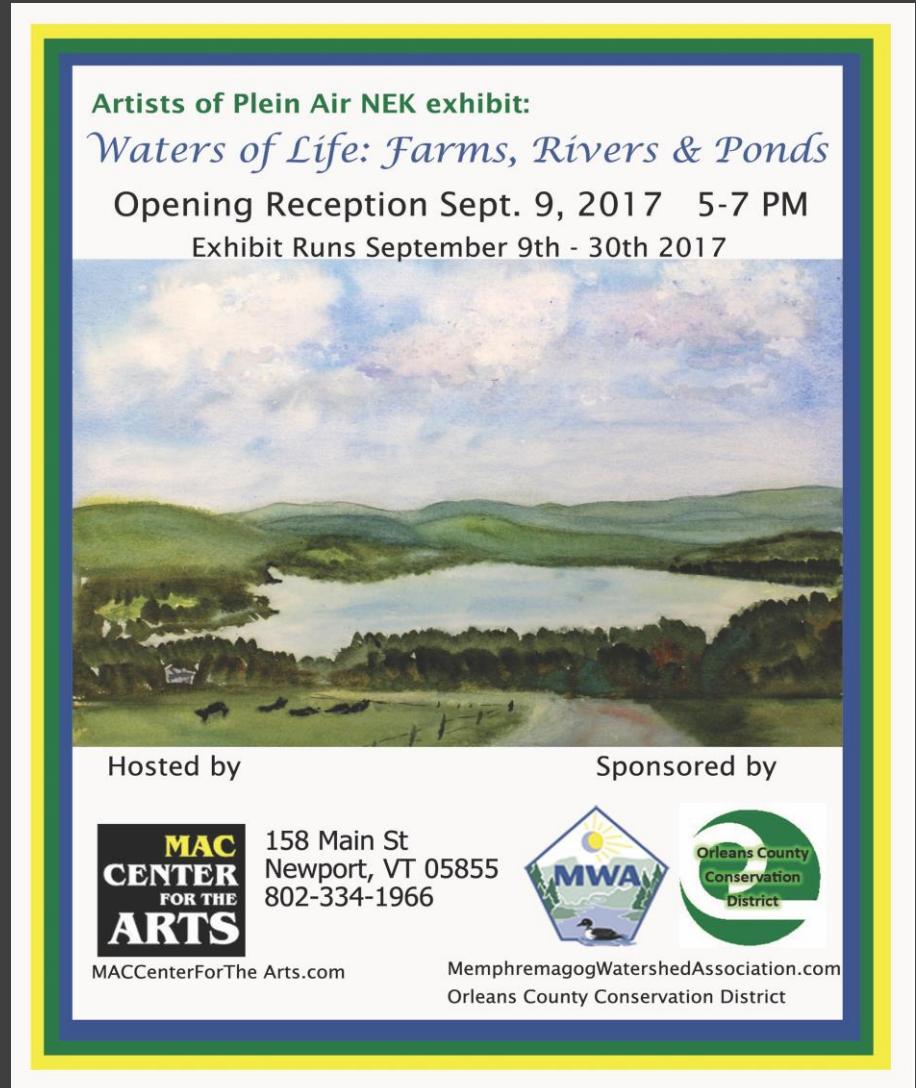
Water Quality and Aquatic Invasive Species

- Cyanobacteria monitoring and volunteer coordination
- Aquatic Invasive Species
 - Vermont Invasive Patrollers- volunteer coordination
 - Outreach and education
 - Regional applicant and administrator for area VDEC Aquatic Invasive Grant-In-Aid program.



Memphremagog Regional Conservation Partnership Program (RCPP)

- Partner with Orleans County Conservation District to provide education/outreach for on-farm practices that protect water quality
- Organize annual Plein Air exhibitions
- Provide assistance with water sampling



Memphremagog Water Quality Reference

Since March of 2018, MWA has been working closely with Memphremagog Conservation, Inc (MCI) from Magog, Quebec to write a bi-national water quality study, commissioned by the International Joint Commission (IJC), on sources of nutrient loading to Lake Memphremagog.

The purpose of this study is to review existing conditions, network with local experts and stakeholders, and to make bi-national recommendations to the IJC regarding how we can improve our local efforts to reduce nutrient loading.

The Study will be completed for January 2020.



**Questions?
For more information:
www.mwavt.org**