

THREEMILE POND

China, Vassalboro, Windsor, ME

2025 WATERSHED SURVEY

SURVEY FACTS

Watershed Location: China, Vassalboro & Windsor, ME

Date: May 15-16, 2025

of Volunteers: 11

Total # of Sites Identified: 107

Water Quality Concerns: Declining water quality; reoccurring algae and cyanobacteria blooms

Potential Pollution Sources: Nonpoint Source Pollution (NPS)

Nutrient of Concern: Phosphorus

Number of NPS Sites by Land Use Type:

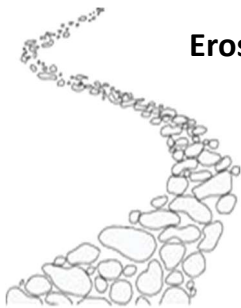
Residential	60
Private Road	21
Driveway	15
Town Road	1
Trail or Path	1
Construction Site	3
Boat Access	4
Beach Access	2



Sites located on residential properties account for 56% of documented NPS sites in the Threemile Pond watershed.

The watershed survey identified 107 different nonpoint source (NPS) pollution sites that negatively impact the water quality of Threemile Pond

IMPACT



Erosion stemming from driveways, private roads, and a town road, cumulatively has a large impact on the water quality of Threemile Pond, accounting for 35% of NPS sites in the watershed.

THINGS YOU CAN DO TO HELP!

1. Add vegetation to your shoreline buffer
2. Capture and infiltrate driveway runoff
3. Cover bare soil areas with erosion control mulch
4. Define & stabilize footpaths
5. Install dripline trenches at your rooflines
6. Maintain private roads annually
7. Become LakeSmart ~ Contact TMPA!

CONSERVATION PRACTICES



Infiltration Steps



Rock Lined or Vegetated Ditch



Shoreline Stabilization



Rubber Razor



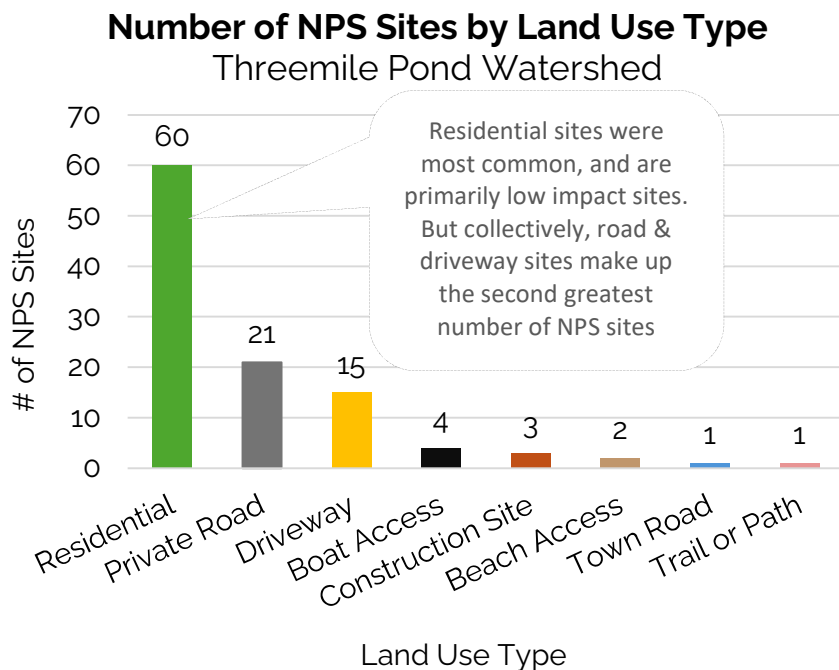
Vegetated Buffer & ECM



Check Dams

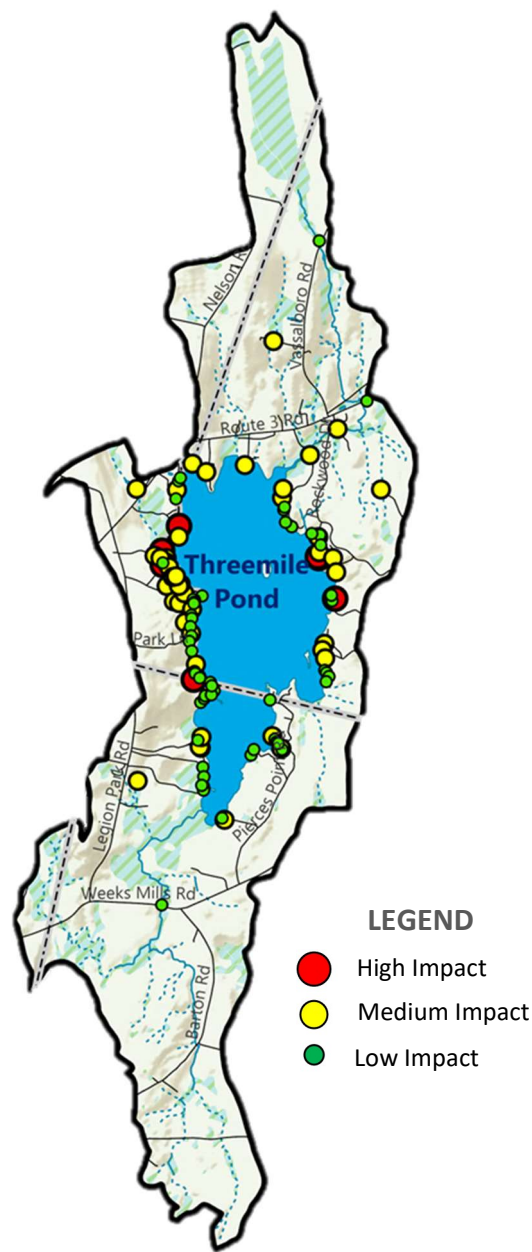
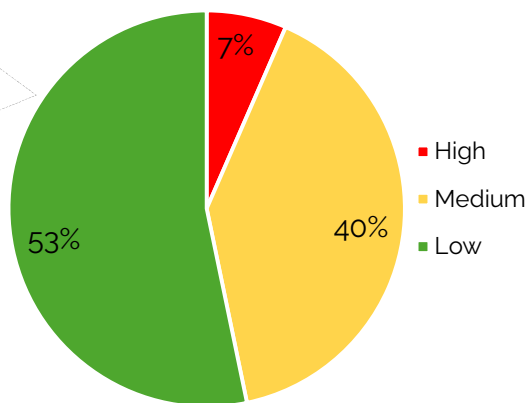
NPS POLLUTION SURVEY RESULTS: NUMBER OF SITES BY IMPACT & LAND-USE TYPE

Impact is an indicator of how much soil and phosphorus erodes into the lake from a given site based on slope, size of area, severity of erosion and the amount of buffer/filter between the lake and the site.



Estimated Impact Threemile Pond NPS Sites

At 57 sites, low impact sites make up the majority of NPS sites compared to 43 medium impact sites and 7 high impact sites.



This survey was made possible in part by the Webber, Threemile, Threecornered Ponds Watershed Project Steering Committee, Kennebec County Soil & Water Conservation District, and volunteers, along with financial support provided in part by the US Environmental Protection Agency under Section 604b of the Clean Water Act, administered by Maine Department of Environmental Protection, and in part by the Town of Vassalboro, Lake Stewards of Maine, Maine Lakes, and the China Region Lakes Alliance.

Watershed Restoration Priorities

1. Prioritize high and medium impact road and residential sites
2. Offer landowner incentives such as cost-sharing grants, and free technical assistance to improve driveways and shoreline buffers
3. Schedule meetings with road associations to discuss what they can do protect the lake
4. Meet with town officials to review recommendations for town road sites
5. Target areas with multiple low impact residential sites for LakeSmart and buffer planting programs