

What is a watershed?

A watershed is the total area of land that drains into a particular lake, river, stream, or bay. Watersheds drain (or “shed”) water into lakes through streams and ditches, directly over the ground surface, or through groundwater. Everything that happens in a lake’s watershed eventually impacts the lake, for better or for worse. No matter where you go— you are always in a watershed!



For more information about this project, contact:

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**BOOTHBAY REGION
WATER DISTRICT**

Survey Partners:

Boothbay Region YMCA

Knickerbocker Lake Association

Boothbay Region Land Trust

Knox-Lincoln County Soil and
Water Conservation District

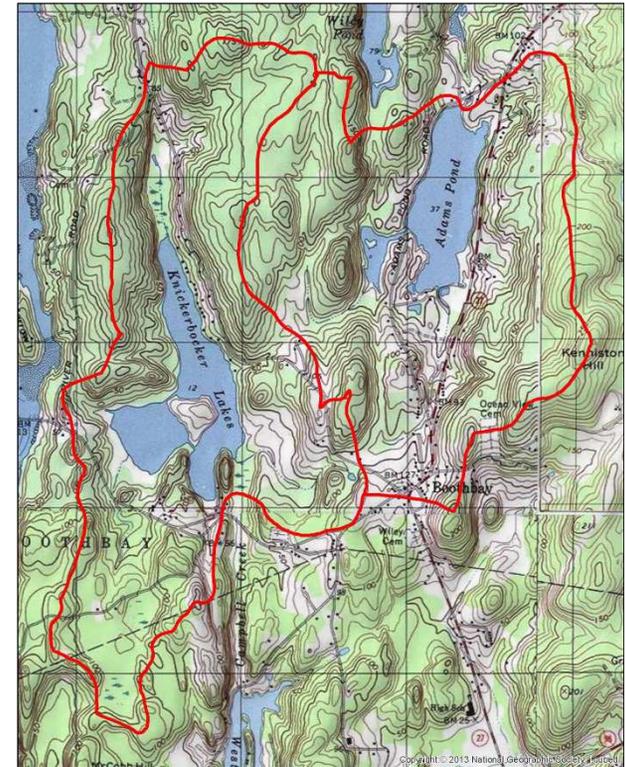
West Harbor Pond Association

Town of Boothbay

Maine Department of
Environmental Protection

Why are we surveying the watersheds?

ADAMS POND & KNICKERBOCKER LAKE WATERSHEDS



**BOOTHBAY REGION
WATER DISTRICT**

What's the problem?

We are very fortunate to have many beautiful lakes here in Maine. But, as humans develop areas around lakes, lake water quality usually declines. The decrease in forest cover and an increase in hard surfaces (roofs, roads, parking lots, driveways, etc.) leads to large



amounts of fast-moving storm-water runoff. As this

runoff travels down through the watershed, it causes soil erosion and picks up various pollutants, like phosphorus, and carries them to the lake through ditches and streams. This pollution can cause excessive plant growth, algal blooms, and murky water.

TAKING CARE OF OUR LAKE

A lake is a magnificent water resource. The quality of its water is a reflection of what happens on the land that surrounds it. Rain and melting snow flow across fields, towns and roads, picking up pollutants along the way...



What are we looking for during the survey?

A watershed survey is designed to locate sources of soil erosion and runoff that are damaging or could be damaging to water quality. Our goal is to document trouble spots and then work to find reasonable solu-

tions to reduce the amount of soil erosion and phosphorus draining into the lake. Any information that we collect is strictly used to analyze the pollution sources to the lake and none of the information gathered will be used for enforcement purposes.