



Be LakeSmart

Roy Lambert, Regional Coordinator



Best Practices to Protect Your Lake



This is Our Fear: Severe Algae Blooms





Please Don't Feed the Algae: Eliminate Runoff





Best Management Practices (BMPs)



All BMPs do one or more of the following:

Stabilize Soil

Infiltrate Storm Water

Divert Storm Water (for prompt infiltration)

Extract Nutrients



Erosion Control Mix/Mulch (ECM)



Erosion Control Mix is made of partially composted bark, sand, gravel, stone and wood fragments.

Its mixture of elongated fibers, gravel and soil **lock together** to protect the underlying soil from erosion.

It is very stable.

It can be used on **slopes** and between plantings.



Stabilizing the Shoreline



Before and After – Riprap

It should be vegetated,
either on or behind the riprap

Plantings may be required
for a permit

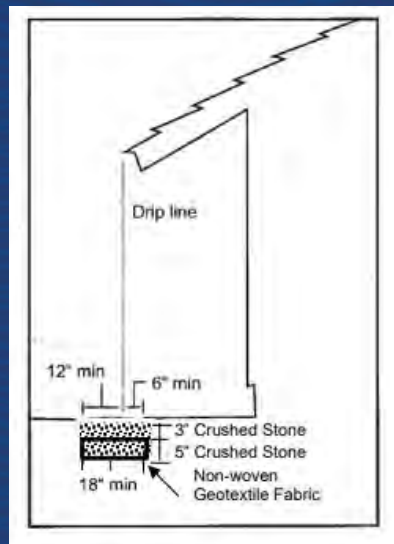


Dripline Infiltration



Dripline Trench

French Drain





Rain Garden Infiltration Steps





Diverting Storm Water: Minimizing Erosion Facilitating Infiltration



Crowned Driveway:

Diverts Flow Off the
Road, into the Ditch



Above-Ground Swale/Berm

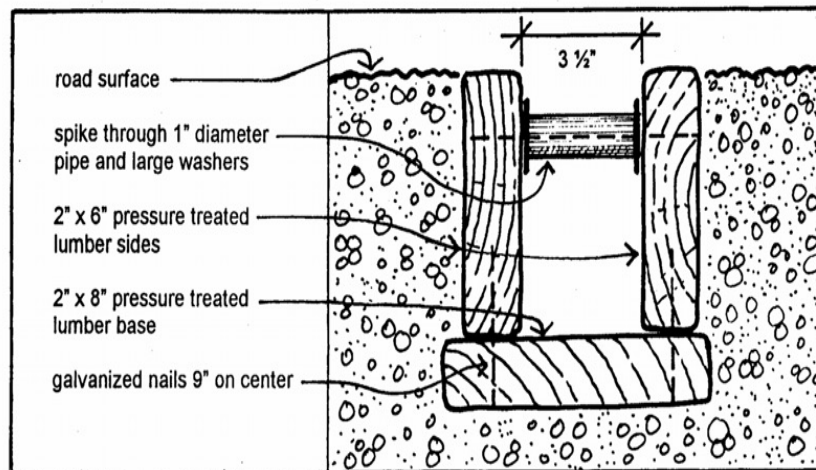


Controls Storm Water
Flow

Promotes Infiltration

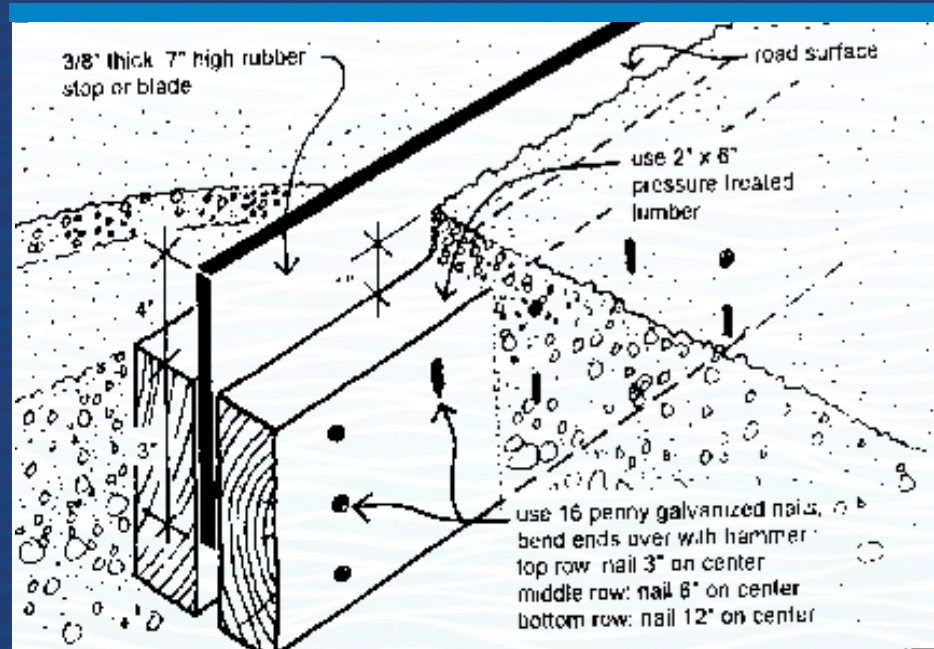


Open Top Culvert





Rubber Razor





Lakeshore Vegetated Buffer: Your Lake's Best Protection



A Fully Protected
Shore Looks Natural



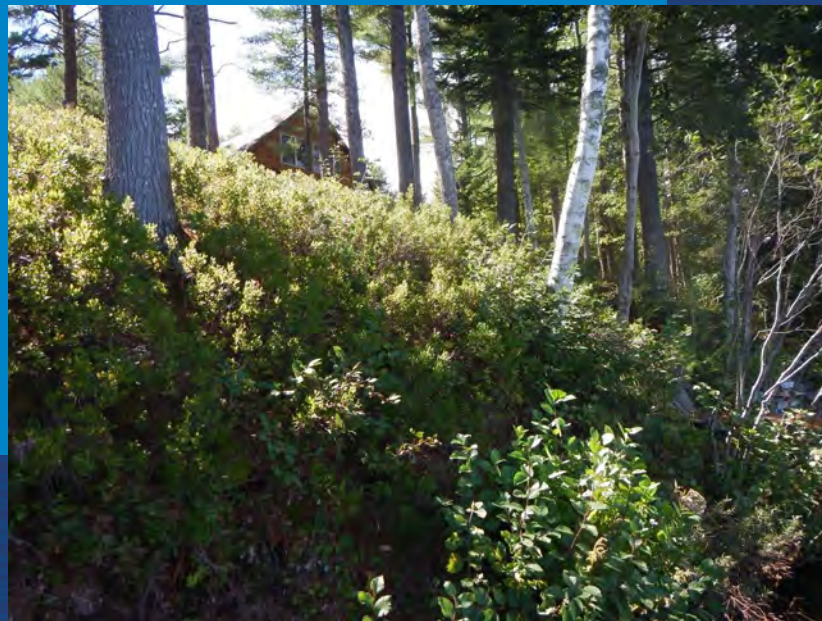


What Vegetation Does

Stabilizes the Soil

Promotes Infiltration

Extracts Nutrients





Lawns Don't Protect



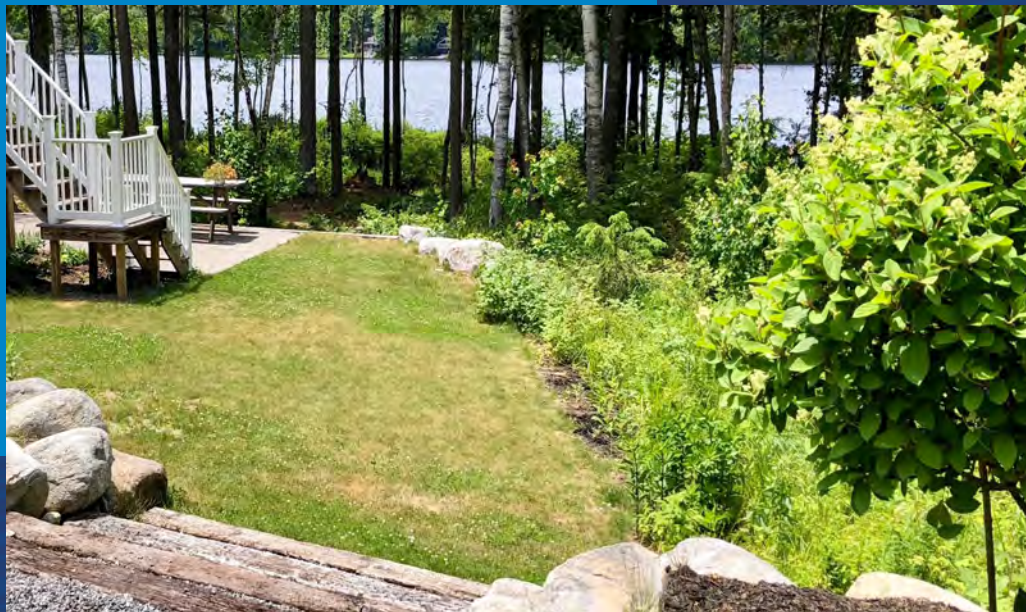
Shallow Root System

Minimal Infiltration

Fertilizing Increases
Nutrients

Wastes Water

Offers Nothing to Wildlife
& Pollinators





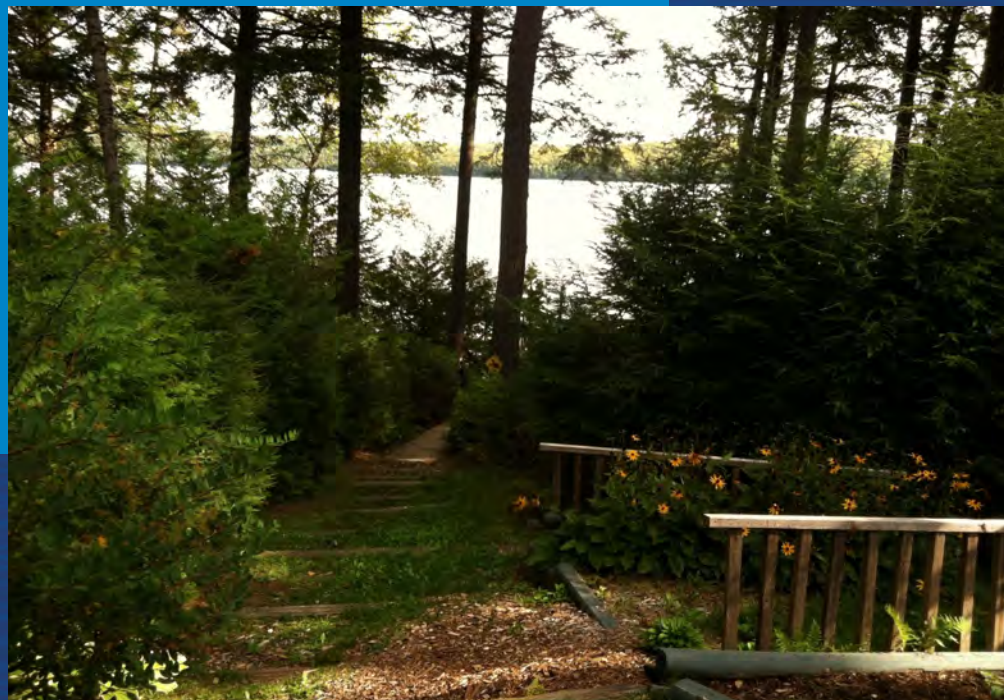
Robust Buffers Do Protect



Deep

Multiple Tiers

Great Canopy





LakeSmart Program



Free

Without Obligations

Non-Regulatory



LakeSmart Process



Walk Your Property to Evaluate its “Lake Friendliness”

Suggestions to Protect the Lake – Oral and in Written Report

Written Report Includes Supplemental Materials

No Obligation to Undertake Suggested BMPs



Care to Know More? Care to Consult?



Lauren Pickford – LEA's Planning and Land
Use Manager

lauren@mainelakes.org – 207-647-8580

Roy Lambert – Volunteer LEA LakeSmart
Coordinator

rdl.lambert@gmail.com - 207-647-5352

Bill Dexter – Moose Pond LakeSmart Captain
dexathome@gmail.com – 207-232-0726 (cell)



LakeSmart Program Moose Pond Awards!



CONGRATULATIONS TO:

Coddington

Dillon

Hoffman

Koehler/Nikonowicz