



### LAKE FRIENDLY LANDSCAPING

Responsible landscaping practices will promote a healthy lake.

Tips;

Use drought resistant turf grass

Use rain barrels for watering

Compost your kitchen scraps for natural garden fertilizer

Consider crushed stone driveways and walkways for more permeable surfaces

Create 20' unmowed buffers along waterfront (great goose barrier!)

Set lawn mowers to 2"-3" to filter water before it enters the lake

Terrace steep banks to slow sediment and water runoff and use rip rap to clean run off

Plant native vegetation that binds soil



### EUTROPHICATION AND AQUATIC PLANTS

Eutrophication is the natural aging process of a lake. A lake untouched by human kind may take hundreds of thousands of years to fill in with natural debris and weeds.

The term 'cultural eutrophication' refers to human involvement that hastens the death of a lake. Without thinking, we hasten this process with our daily habits by allowing;

An imbalance of plant life to thrive which reduces oxygen levels for fish and invertebrates

Boats & trailers to import non native weeds

Contaminated run off to leach into the water from auto & motor boat oil, gas, paint, car washing, cleaning compounds and chemicals

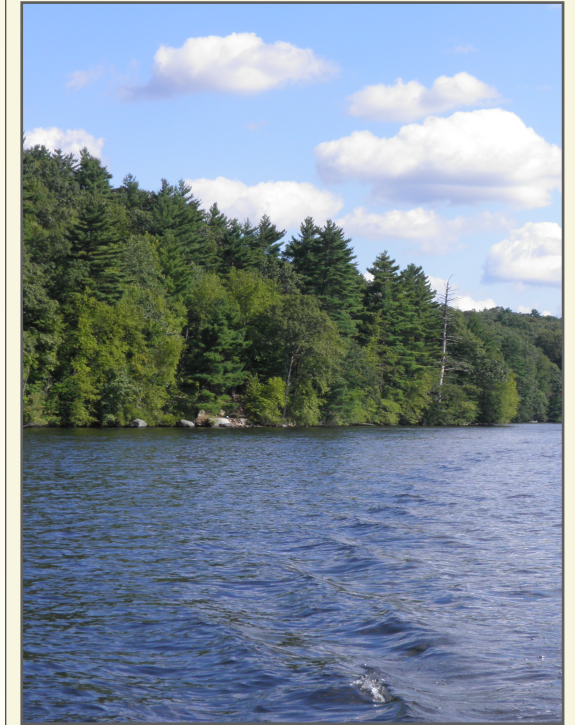
Lawn fertilizers, pesticides, soil, sand, salt & mulch to flush into the water

Septic systems to overflow

*By using common sense we can slow the process of eutrophication and work to preserve the lake.*

# LAKE MASPENOCK HOPKINTON MA

## KEEPING IT HEALTHY

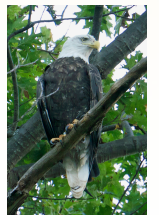


EVERYTHING IS CONNECTED

Lake Maspenock provides many forms of recreation for Hopkinton MA residents and is a peaceful, restorative place of natural beauty.

What do we need to do to be responsible stewards of this very special place?

*Participate in our effort to maintain a healthy lake!*





#### OUR WILD LIFE NEIGHBORS

*One of the nicest features of living on Lake Maspenock is the wild life we enjoy all year long.*

*We see bald eagles, osprey, hawks and king fishers over the open water. We see bluebirds, red wing blackbirds, great blue heron, mallards and wood ducks nesting and fishing. Depicted is a pair of young raccoons testing out a kayak!*

*An over abundance of phosphate rich nutrients encourages growth of native cattails and largeleaf pondweed. These plants choke out the frogs, turtles and young fish. The non native purple loosestrife, millfoil and pickerelweed quickly overtake marshy areas.*



*We MUST protect the wild life!*

## Let's manage the problem with weeds!

Here on Lake Maspenock, nuisance aquatic plants need management in the northern basin and are becoming more established in the main body of water.

Excessive nuisance and invasive weed growth in the lake can be managed safely and effectively. Plants naturally die and decay adding to a rich nutrient bed on the lake bottom thereby enhancing more plant growth. Oxygen depletion from decay stresses aquatic lifeforms, invertebrates and fish. In the short term we need to effectively reduce the excessive largeleaf pondweed in order to improve recreational use of the lake for boaters, swimmers, fishermen and nature lovers. We will need your support in short and long term weed management.

The Town appointed Lake Maspenock Weed Management and Control Advisory Group facilitated public engagement and input regarding a long term comprehensive plan. The Town of Hopkinton will need voter support for the comprehensive management plan. Your participation is needed. Be informed. Come to Advisory Group meetings and public forums. Support our DPW, Conservation Commission and Parks & Rec. Depts. in their efforts. Help inform residents and neighbors in surrounding towns of the need to protect our watershed. We need to educate ourselves and participate in the process of lake management.

Join the Lake Maspenock Preservation Assoc. community to learn more about preservation, weed management and community events.

Thank you!

[www.lmpa.org](http://www.lmpa.org)

[lmpa.org@verizon.net](mailto:lmpa.org@verizon.net)

“WE ABUSE LAND BECAUSE WE REGARD IT AS A COMMODITY BELONGING TO US. WHEN WE SEE LAND AS A COMMUNITY TO WHICH WE BELONG, WE MAY BEGIN TO USE IT WITH LOVE AND RESPECT.”

Aldo Leopold

### Lake Maspenock Watershed Area provides benefits to all Hopkinton residents

- >Open for recreation all year long
- >Parks & Recreation public beach, new playground, swimming lessons and other activities
- >Boat Ramp for residents
- >A beautiful place for canoeing, kayaking, bird watching and passive enjoyment
- >Protected wetland areas home to abundant and diverse wildlife
- >Fishing grounds for bald eagles and osprey
- >Location of the Long Distance Lake Swim, Fishing Tournament, Ice Fishing Derbies, 4rth of July Boat Parade, Lake Clean Ups and other events
- >Abuts Peppercorn Hill and Hopkinton Area Land Trust hiking trails
- >Highly desirable lake front real estate

#### WHERE TO BUY PHOSPHATE/NITRATE FREE FERTILIZER

Weston Nurseries, Hopkinton MA

True Value Hardware, Holliston MA