



What do we want from our lakes?

1. A healthy ecosystem that's a little messy?
If so, how messy can we tolerate?
2. A reflecting pond?
3. Fishing?
4. Swimming?
5. Birding and wildlife viewing?

The assumption:

That a majority of 4 Lakes residents want healthy lakes with good appearance.

The Lakes Committee is working with a different lake management company.

The goal:

- Control native plant species when overabundant.
- Remove invasive species if found.
- Maintain a healthy ecosystem.

Early to mid 2017:

- Transfer permit to new lake management company
- Do general surveys of Heron, Osprey, Eagle and Bufflehead.
- Test water samples for e. coli, nitrogen, phosphorus.

Mid to late 2017:

- Treat submerged and emergent plants as needed.
- Do maintenance on culverts, shorelines.

Four Lakes

Initial budget for lake maintenance 2017

Services to establish baseline:

\$2,500.00 Survey and mapping,

\$1,100.00 Sampling for nitrogen, phosphorus, E. Coli

\$1,075.00 Permit fees

\$ 600.00 Trip fees

\$ 500.00 General and misc.

\$5,775.00 Total for initial work

If treatments are necessary:

Fixed costs per treatment--

<u>Item</u>	<u>Unit cost</u>
Notice to 1/4 mile radius	\$200.00
Posting day of treatment	\$150.00
Trip fee	<u>\$300.00</u>
	\$650.00

Treatments (dependent on need, governed by weather, plant growth, tolerance level and available budget):

	cost per acre
Pondweed and other submerged plants	\$400.00
Iris and lily pad, some incidental cattail	\$250.00
Algae	\$300.00

Need for volunteers:

- 1-2 lakeside residents on Osprey to monitor lake and culverts.
- Additional residents to help with Eagle Lake & Horrocks Pond for maintenance and enhancement project work parties.
- Strong support for eagle perch project.