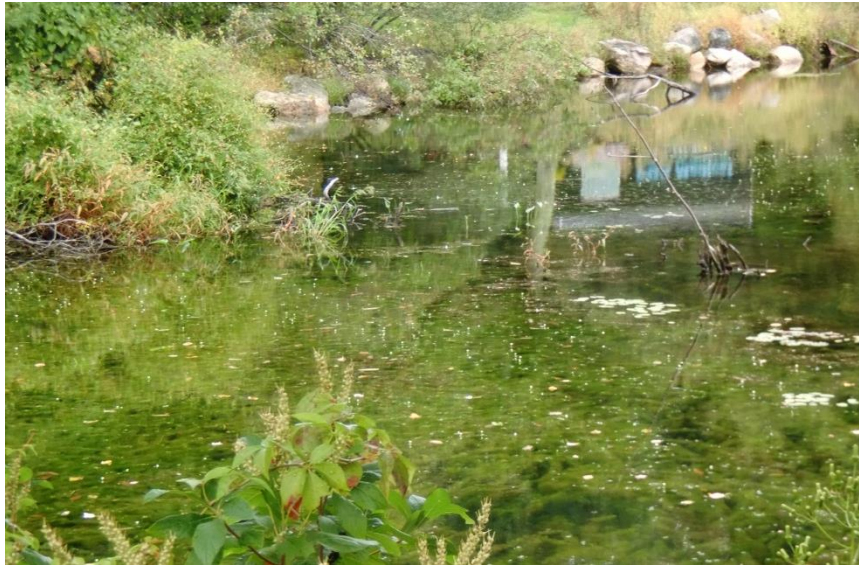


# Cedar Meadow Lake Vegetation Mapping Study



Presentation to

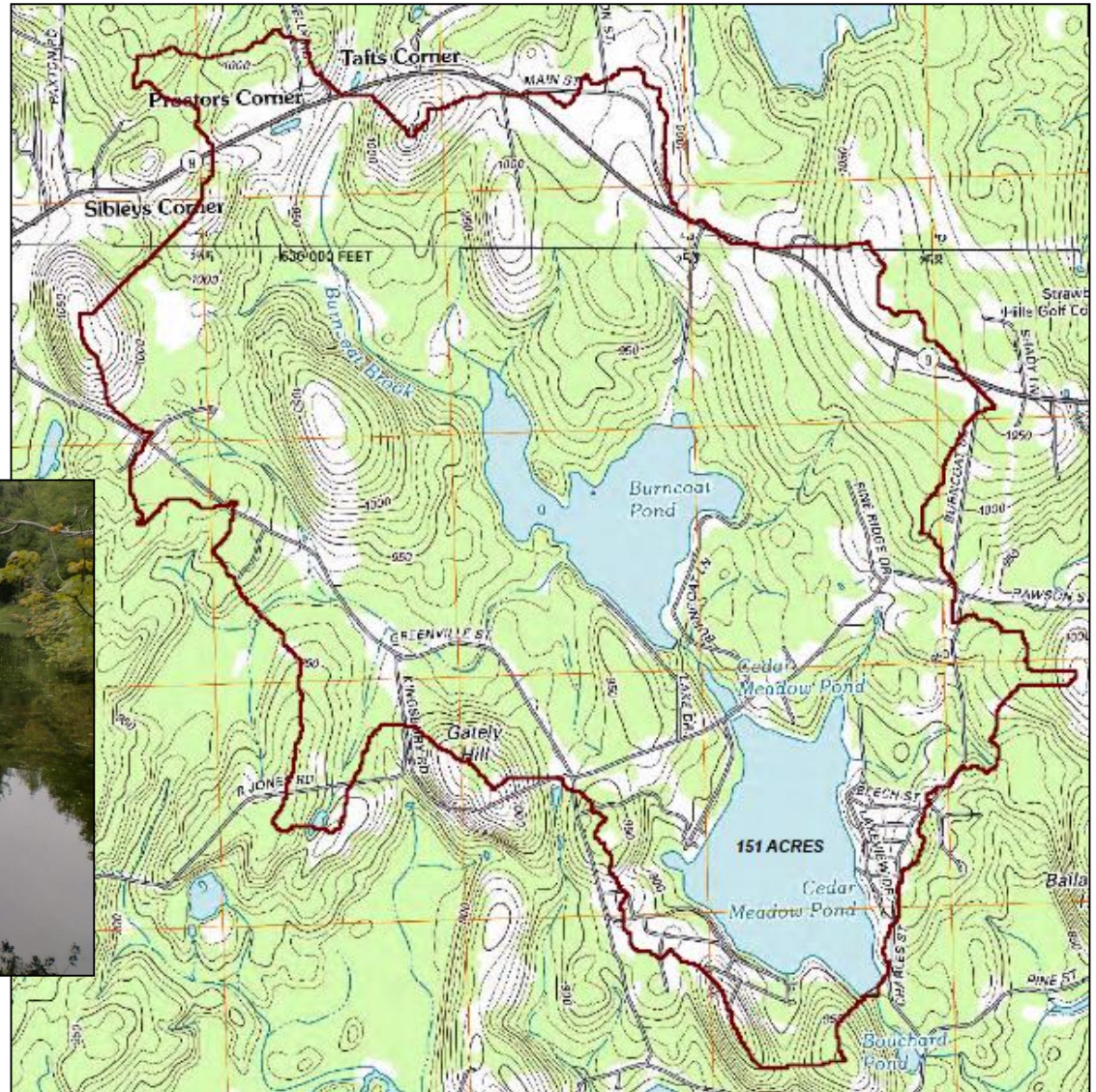
**Cedar Meadow Lake  
Watershed District**  
Leicester, Massachusetts

Carl Nielsen, CLM

October 7, 2013

# Cedar Meadow Lake Watershed

The Cedar Meadow Lake watershed encompasses over 2,300 acres, including Burncoat Pond



# Plant Cover in Cedar Meadow Lake

- Plant cover was high (>75%) over most of the lake
- Areas with water depths of <5 feet or >8 feet had lower plant cover



# Plant Biovolume in Cedar Meadow Lake

- Plant biovolume (% of the water column filled by plants) was relatively low over most of the lake
- Areas with invasive **Fanwort** (*Cabomba caroliniana*) and/or **Variable-leaf Milfoil** (*Myriophyllum heterophyllum*) had highest biovolume



## ESS Recommends:

- Winter drawdown
- Chemical control (herbicides)
- Diver harvesting
- Monitoring

