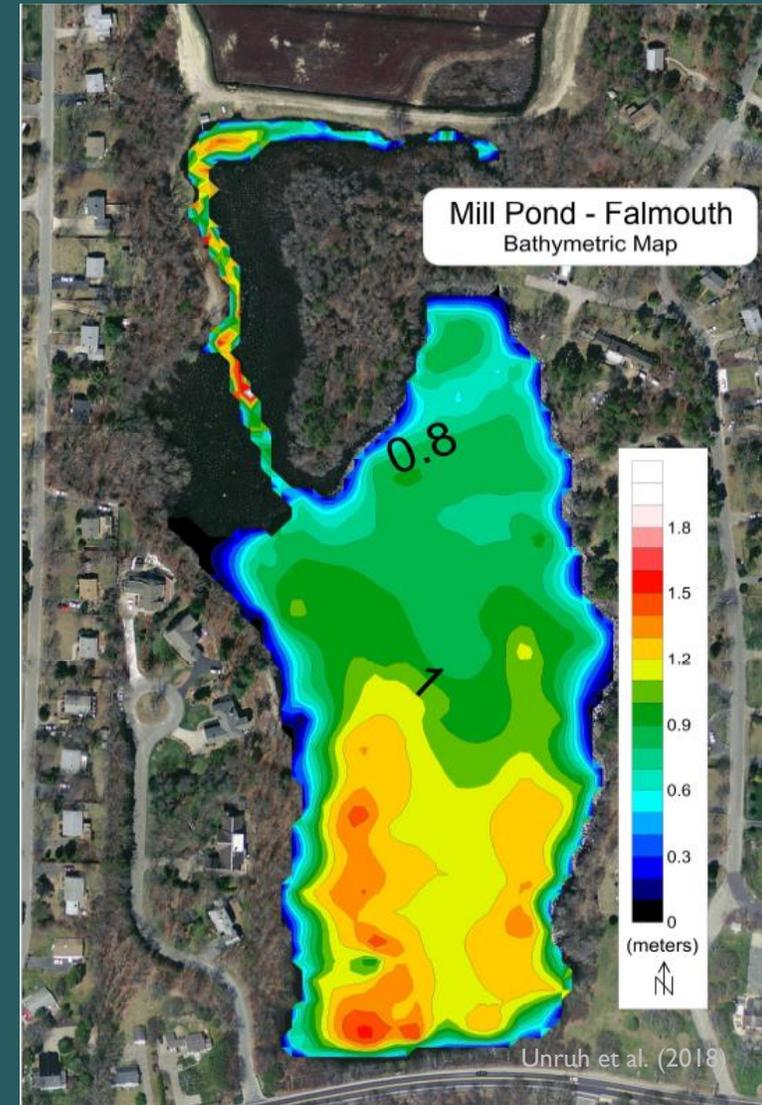


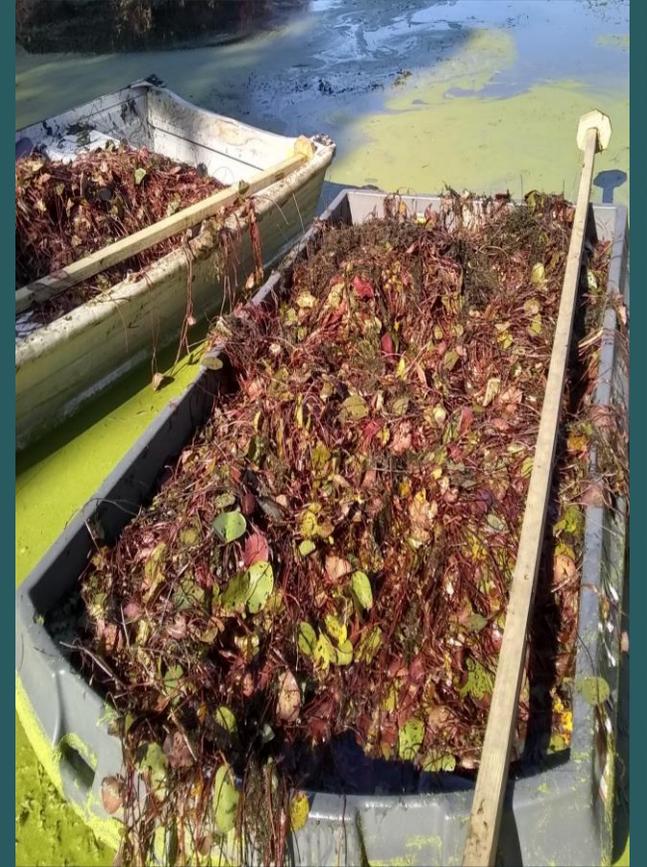


Mill Pond Macrophyte Management

Challenges of Harvesting

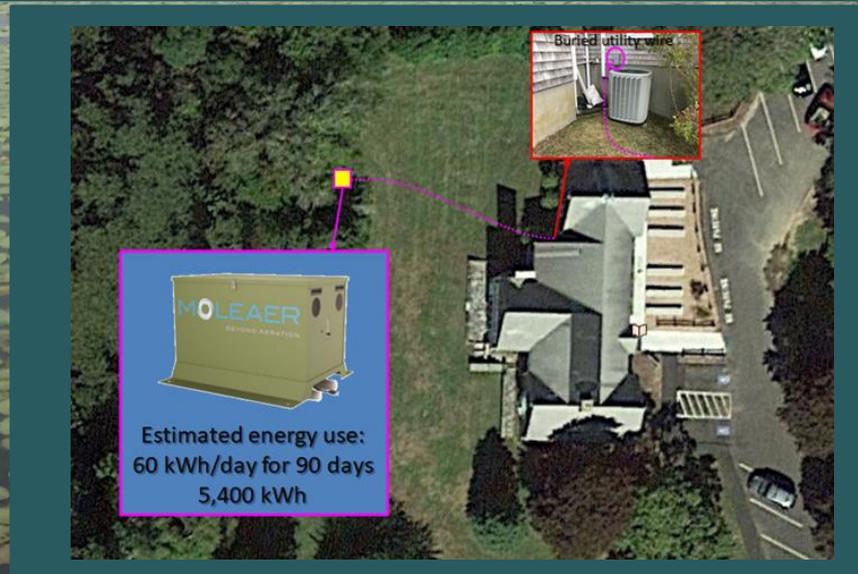
- Shallow water depths
- Labor intensive using simple mechanical means
- Difficult pond access for a large harvesting vessel





Aeration

- Increase dissolved oxygen concentrations to promote natural denitrification to occur in the sediments
- Deploy a nanobubble aeration unit from the East Falmouth Library lawn
 - Library Board of Trustees has granted permission



Cost Overview

- Aeration service (Jun – Sept 2020) - **\$11,510**
- Harvesting Contract for entire pond (Sept 2020) - **\$32,840**
- Nutrient Monitoring SMAST (June 2020 – April 2021) - **\$27,875**
- Contingency (10%) - **\$7,220**

**Project Cost for Proposed Activities
from June 2020 – April 2021:
\$ 79,445**

Questions

