

# Survey Results

Table 1: Species Identified

Common Name	Latin Name
Fanwort*	<i>Cabomba caroliniana</i>
Variable Milfoil*	<i>Myriophyllum heterophyllum</i>
Muskgrass	<i>Chara vulgaris</i>
American Bulrush	<i>Scirpus pungens</i>

Tape Grass	<i>Vallisneria americana</i>
Clasping Leaf Pondweed	<i>Potamogeton perfoliatis</i>
Common Waterweed/Elodea	<i>Elodea canadensis</i>
Common Reed*	<i>Phragmites australis</i>
Microscopic Algae	
Snailseed Pondweed	<i>Potamogeton bicupulatus</i>
Waterlilies	<i>Nymphaeaceae</i>
Pickerelweed	<i>Pontederia cordata</i>
Bladderwort	<i>Utricularia</i>
Large-leaf Pondweed	<i>Potamageton amplifolius</i>
Filamentous Algae	
Water Starwort	<i>Callitriche</i>

# September 2024

- ▶ Table 2 below shows various photos taken during the survey. The majority of the photos, specifically photos 1-4 show dense fanwort with variable milfoil interspersed. As you can see, the fanwort was reaching the surface or high in the water column throughout many areas, including the majority of the west basin. Photo 5 shows filamentous algae along the surface of the waterbody.

Table 2: Survey Photos

Photo 1



Photo 2



Photo 3

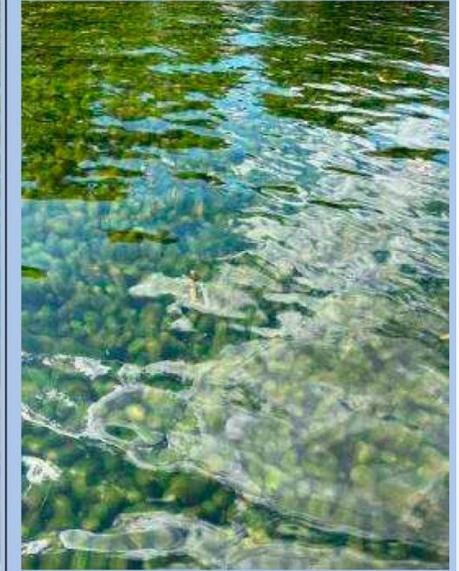


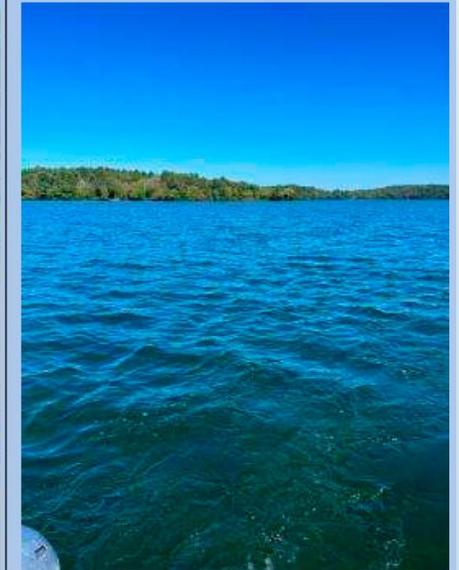
Photo 4

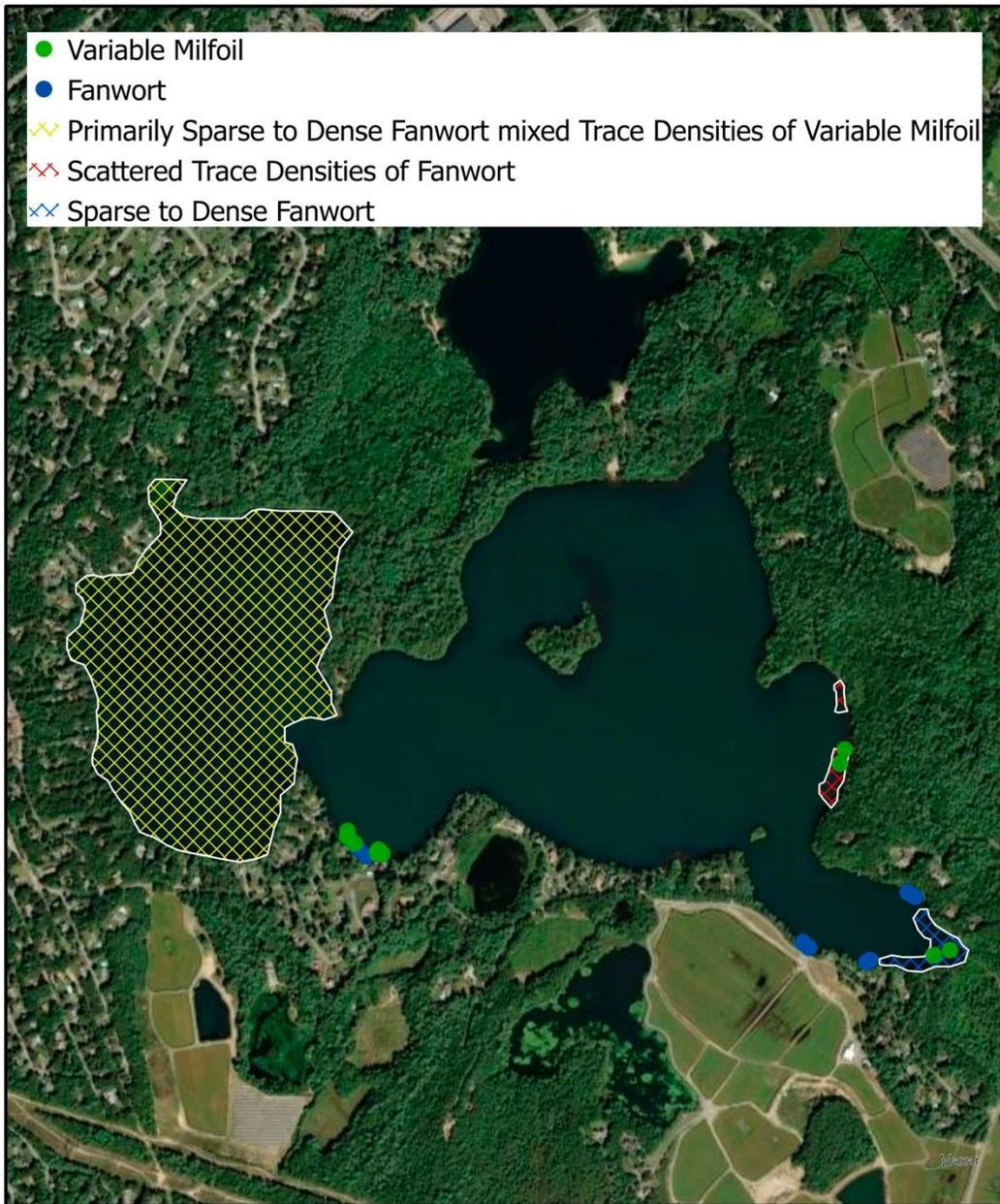
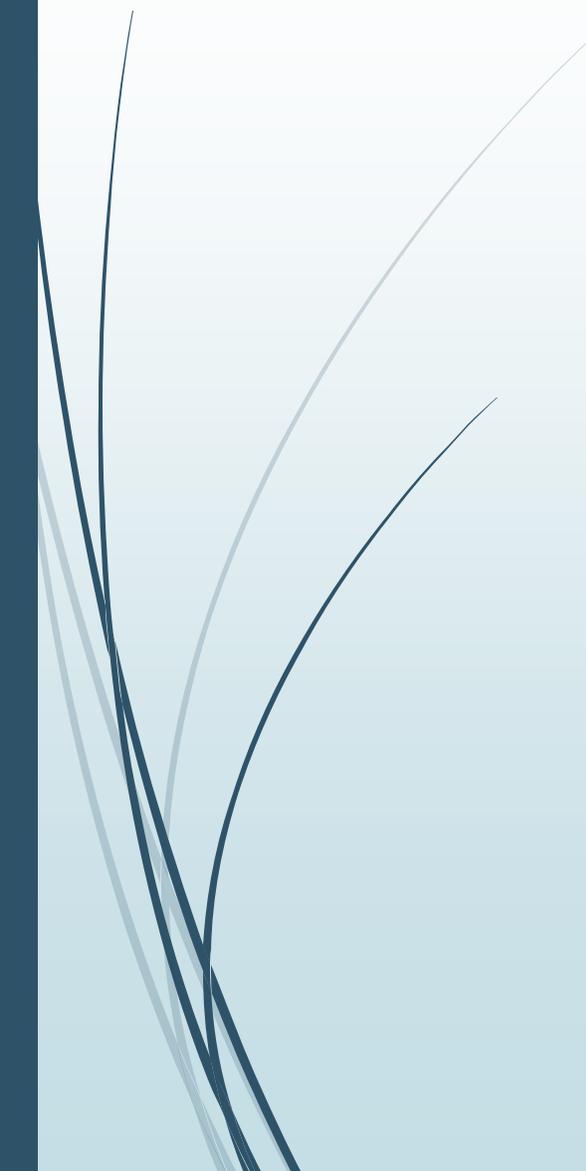


Photo 5



Photo 6

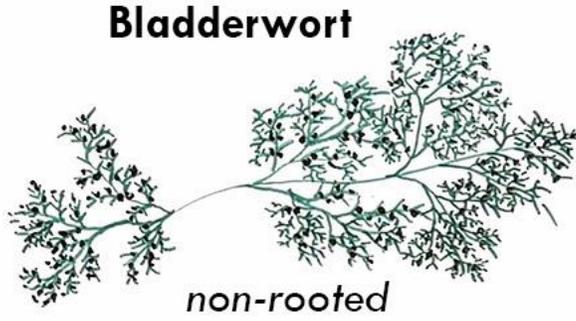






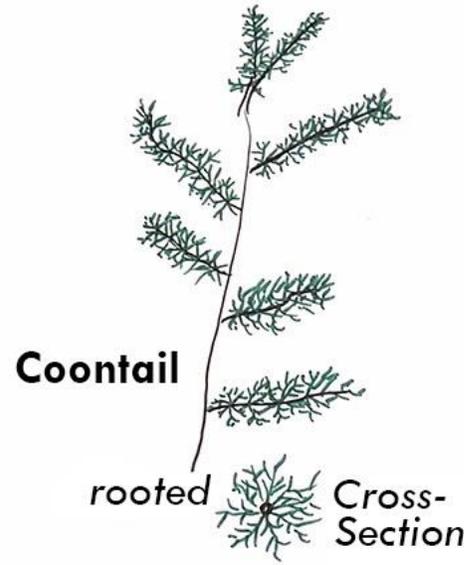
**Elodea**  
Whorls of 3 or 4  
1/2" - 1"

rooted



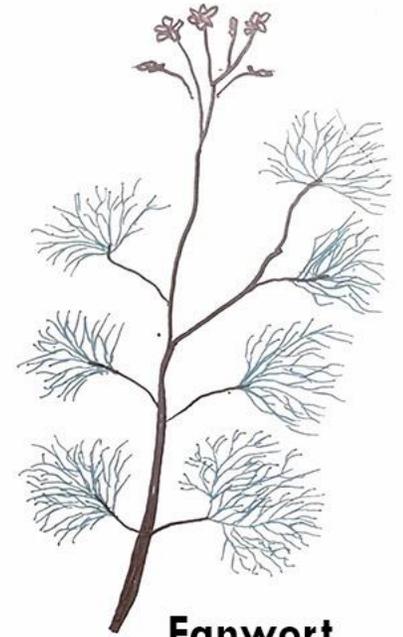
**Bladderwort**

non-rooted



**Coontail**

rooted Cross-Section



**Fanwort**  
Exotic



**Native Milfoil**

rooted



**Hedge Hyssop**

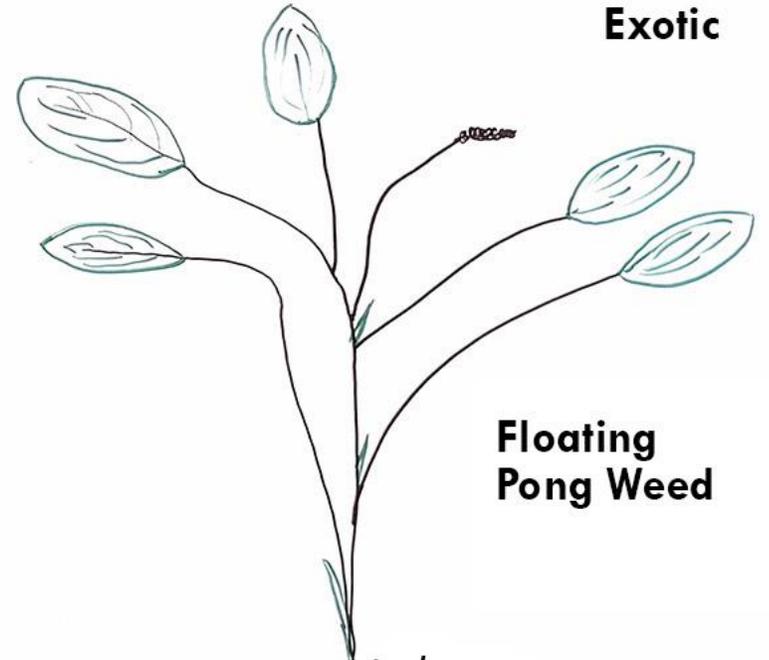
rooted

Leaves  
90° offset  
each pair



**Water Starwort**

rooted



**Floating Pong Weed**

rooted



Billington Sea

Before start  
of treatments



Billington Sea

After start  
of treatments

# Sonar\*

*Humans who are exposed to Sonar-treated water are at negligible risk*



## **Drinking Sonar-Treated Water**

A 70-kg adult (about 154 pounds) would have to drink over 1,000 gallons (child - 285 gallons) of water daily, containing the maximum legally allowable concentration of Sonar in potable water (0.15 ppm), for a significant portion of their lifetime to receive a dose equivalent to the NOEL.



## **Swimming in Sonar-Treated Water**

At the maximum allowable concentration of Sonar in water (0.15 ppm), an adult would have to swim for 24 hours every day for over 57 years to receive an amount equal to the NOEL.



## **Eating Fish from Sonar-Treated Water**

Adults would have to consume 2,467 pounds (child - 705 pounds) of fish daily, at the maximum allowable tolerance limit in fish (0.5 ppm), for a significant portion of their lifetime to receive the dose equal to the NOEL.



## **Eating Food Crops Irrigated with Sonar-Treated Water**

Adults would need to eat over 8,250 pounds (child - 2,300 pounds) of these foods daily, at the maximum allowable tolerance limit (0.1 - 0.15 ppm), for a significant portion of their lifetime to receive the dose equal to the NOEL.



## **Eating Livestock Exposed to Sonar from Drinking Treated Water**

Adults would need to eat 25,000 pounds (child - 7,000 pounds) of these foods daily, at the maximum allowable tolerance limit in meat, poultry, eggs, and milk (0.05 ppm), for a significant portion of their lifetime to receive the dose equal to the NOEL.