



Warner's Pond Task Force: Meeting 3

April 11, 2024



CBI

CATALYZING COLLABORATION

Agenda



- 5:00 Welcome
- 5:05 Approve March 8, 2024 Meeting Minutes
- 5:10 2012 Watershed Management Plan Review and Discussion
 - Section 4 (Management Goals)
 - Section 5 (Short & Long-Term Mgmt. Options & Recommendations)
- 6:00 *Envision Concord* Criteria Discussion
- 6:45 Next Steps
- 6:50 Public Comment (limited to 2 mins per person)
- 7:00 End

2012 Watershed Management Plan Review and Discussion

Purpose

- Clarify the group's current thinking and unanswered questions on
 - the history of the pond,
 - the nature and extent of the problem, and
 - management options.
- Purpose is *not* to agree or seek consensus.

Suggestion to get out hard copy or open doc on your computer.

Section 4: Management Goals



- Maintaining or improving water quality
- Controlling exotic/invasive species
- Preserving native plant species within the pond and its adjacent wetlands to the greatest extent feasible
- Maintaining high quality wildlife habitat value

Section 5: Management Options and Recommendations – Topics

- 5.1 Short-term Management Recommendations
 - 5.1.1 Chemical Treatment (Herbicides)
 - 5.1.2 Macrophyte Harvesting
 - 5.1.3 Biological Control
 - 5.1.4 Bottom Sealing
 - 5.1.5 Water Level Control (Drawdown)
 - 5.1.6 Hydroraking and Rotovation
- 5.2 Long-term Management Recommendations
 - 5.2.1 Control Nutrient and Sediment Loading
 - 5.2.2 Dredging
- 5.3 Options Considered but not Recommended
 - 5.3.1 Aeration and/or Destratification
 - 5.3.2 Plant Competition
 - 5.3.3 Chemical Sediment Treatment
 - 5.3.4 Dilution or Flushing
 - 5.3.5 Shading Dye
 - 5.3.6 Nutrient Inactivation – Not Recommended.

Section 5: Considerations for Short-term Recommendations

- **Herbicides:**
 - Safety/toxicity
 - Flushing rate vs. treatment duration
 - MA registration
 - Need for repeat/follow-up applications
 - Impact on native plants
 - Impact on adjacent wells
- **Macrophyte Harvesting:**
 - Mechanical vs. hand pulling
- **Biological Control:**
 - Timeline, limited to purple loosestrife
- **Bottom sealing:**
 - Cost, durability, non-selectivity
- **Drawdown:**
 - Shallow bathymetry of WP
 - Timing
 - Impacts on recreation and habitat
 - Hydrological impacts/feasibility
- **Hydroraking and rotoavation:**
 - Water lilies vs. other species

Section 5: Considerations for Long-term Management Recommendations

- Control Nutrient and Sediment Loading (resident education, storm water techniques):
 - Extent of needed phosphorus reductions
 - Size of the watershed (and area outside Concord)
- Dredging:
 - “Dry” vs. hydraulic dredging
 - Dewatering location, technique
 - Amount of material to be removed
 - Type of disposal or reuse (chemical content of material)
 - Project scale
 - Permitting and design costs

Criteria Work Group



- Question to address: *How should we apply the Envision Concord criteria to our review of alternatives for Warner's Pond?*
- Mandate: *Specify a clear set of proposed criteria to guide the Task Force's review of alternatives by interpreting the Envision Concord criteria (and other relevant docs) as a shorter, more manageable, and more relevant set of questions.*

Next Steps



- Next meeting April 11, 5-7pm, Keyes Road
 - Continue reviewing documents
 - Ideas on experts welcome (for now or future)
 - Stay tuned for readings and minutes
- May 4 site visit
 - Canoes & kayaks needed
- Concord Bridge article
 - Charge
 - Membership
 - What we've done so far
 - Opportunities for public input (public comment, public meetings, website)
 - Others?
- Meeting feedback form

Public Comment



- Be respectful
- Avoid personal attacks
- Max 2 minutes/speaker



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Our staff are experts in facilitation, mediation, capacity building, citizen engagement, and organizational strategy and development. We are committed to using our skills to build collaboration on today's most significant social, environmental, and economic challenges. We work within and across organizations, sectors, and stakeholder groups.

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