

Tisbury Water Resources Committee Meeting

Hybrid Meeting

Thursday April 27, 2023

Meeting Minutes

Committee Members: Ben Robinson, Chris Scott, Nancy Gilfoy, Dr. Michael Loberg, Gerry Hokanson and Sheri Caseau

Board of Health: Maura Valley

Environmental Partners Engineers: Kate Roosa, Robert Rafferty

Consultant: Scott Horsley

Staff: Kirk Metell, Jared Meader, Melinda Byers

Ben Robinson: Calls the meeting to order at 3:33pm

Kate Roosa: The engineer's recommendations for Tisbury is to evaluate the criteria, consisting of source reduction, restoration, and remediation. This pertains to all 3 watersheds, understanding the priority is for nitrogen removal in Lake Tashmoo and Lagoon Pond. We will rank and narrow down these technologies to come up with the best choices for the Town. We will then present them to the public.

Primary-Source Reduction

- Waste Reduction Toilets
- Innovative and alternative (I/A) On-Site Systems
- Decentralized Systems
- Green Infrastructure
- Non-Structural Technologies

Secondary-Restoration & Remediation

- System Alterations
- Green Infrastructure
- Innovative Resource Management Technologies
- Non-Structural Technologies

Technology

- Innovative/Alternative (I/A) *-source reduction*
- I/A Hybrid or Enhanced Systems (2 + technologies)-*source reduction*
- Cluster Treatment System-*source reduction*
- Fertilizer Management-*source reduction*
- Remediation of Existing Development-*source reduction*
- Compact & Open Space Development-*source reduction*
- Transfer of Development Rights-*source reduction*
- Coastal & Wetland Habitat Restoration-*restoration*
- Aquaculture-*restoration*
- Fertigation – Turf-*groundwater remediation*
- Phytoremediation- *groundwater remediation*
- Permeable Reactive Barriers (PRB's)- *groundwater remediation*
- Stormwater BMPs- *groundwater remediation*

Preliminary rating results by percentage, priority and annualized cost: 30% Nitrogen removal, 25% Cost Consideration, 20% Operation & Maintenance Requirements, 15% Design Flexibility- (see attached for additional breakdowns)

We need everyone's initial responses and notes to these to Kate by next Thursday May 8th.

Ben Robinson: We need to approve minutes from March 30th.

Nancy Gilfoy: Motion to approve.

Michael Loberg: Seconds

Vote:

Nancy Gilfoy: (aye)

Michael Loberg: (aye)

Gerry Hokanson (aye)

Sheri Caseau(aye)

Chris Scott: (aye)

Ben Robinson: (aye)

Motion passed: (6-0-0)

Ben Robinson: motion to adjourn.

Nancy Gilfoy: Seconds

Meeting adjourns 4:38pm

Next meeting is a hybrid meeting scheduled for Friday May 12, 2023 @ 3:30pm
Public Meeting is Thursday May 18th at 6:30pm