



Brewster Pond Summit 2023

Septic Systems and Ponds in Brewster What do we know, what is being done, what is planned

AGENDA

- 9:00 - 9:05 AM** **Opening Remarks**
Susan Bridges, President, Brewster Ponds Coalition
Peter Lombardi, Town Manager, Town of Brewster
- 9:05 - 9:10 AM** **Moderator Remarks**
Tom Vautin
- 9:10 - 9:30 AM** **I: Introduction**
- Review of ponds, sources and types of pollutants, need for good science – *John Keith, Vice President, Brewster Ponds Coalition*
 - Actions taken or planned by Town regarding pollution sources other than septic systems – stormwater management regulations, identification of stormwater discharge points, stormwater management projects, Town fertilizer regulations – *Griffin Ryder, Director, Department of Public Works, Town of Brewster*
- 9:30 - 10:00 AM** **II: Scientific Research Planned or In Progress**
- BPC septic system impact/enhanced pond testing study – *John Keith, Vice President, Brewster Ponds Coalition*
 - What has been and is being done to understand the water quality and impairment of ponds, the Mill Pond study, PALs sampling, review of all PALs and other testing data. Brief review of pond quality levels as known now – *Chris Miller, Director of the Natural Resources Department, Town of Brewster*
 - Cape Wide “Freshwater Initiative” Study – *Erin Perry, Deputy Director, Cape Cod Commission*
- 10:00 - 10:15 AM** **Question & Answer Period for Sessions I and II**
- 10:15 - 10:25 AM** **Break**
- 10:25 - 10:40 AM** **III: Title 5 Regulations**

- What the DEP proposed, responses from the Town of Brewster and the BPC. Details on what they cover and do not cover (i.e., estuaries, not fresh water) and current status with updates on DEP review and decision status.) – *Mark Nelson, Principal and Senior Hydrogeologist, Horsley Witten Group, LLC*

10:40 - 10:50 AM IV: Regulatory Management Entities (RME's) for Alternative Septic Systems

- Review of the County pilot RME for management of A/I septic systems – what it is, why it is needed (i.e., enables public funding) and what it can do to increase options to protect ponds, with a mention of the status of DEP approval for phosphorus-removing A/I septic systems – *Brian Baumgaertel, Director, MASSTC*

10:50 - 11:00 V: State and Local Funding Sources

- Work done to identify and secure public funding sources for work that may be needed to protect ponds and water resources, and current status – notably related to the State Revolving Fund (SRF) and Cape & Islands Fund – *Peter Lombardi, Town Manager, Town of Brewster*

11:00 - 11:10 Question and Answer Period for Sessions III, IV and V

11:10 - 11:25 AM VI: What about PFAs and Other Toxics?

- Brief review of what is known about emerging contaminants – types, sources (notably from septic systems), levels in ponds and Brewster drinking water (as best known), health impacts, control methods and challenges. Includes such pollutants as PFAs, pharmaceuticals, endocrine disruptors, and pesticides. – *Kimberley Pearson, Chairman, Brewster Natural Resources Advisory Commission and Vice Chair, Brewster Board of Health*

11:25 - 11:40 AM Open Question and Answer Session

11:40 - 11:45 AM Thank You and Adjournment
Susan Bridges, President, Brewster Ponds Coalition