

Date: **October 20, 2022**

Project No.: **20985**

To: **Orleans Wastewater Management Advisory Committee (WMAC)**

From: **Mike Giggey**

Subject: **Orleans Wastewater Management Planning  
October 13, 2022 Meeting with Town of Eastham**

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Eastham and Orleans representatives met in Eastham on Thursday October 13, 2022 to begin discussions on watershed permits for watersheds shared by the two towns. A summary of my notes follows:

1. Eastham has made significant progress developing a wastewater plan, now that the town's water project is complete.
2. Eastham is developing a targeted watershed management plan focused on the Nauset Harbor system. Wastewater needs in other areas of Eastham are small.
3. Eastham's targeted plan will be implemented in at least two phases. The first phase will be in the northerly portion of town, focused on the Salt Pond sub-watershed.
4. In the Town Cove sub-watershed, Eastham is hoping for a joint wastewater solution with Orleans, in light of the fact that Orleans already has a treatment plant and licensed disposal site.
5. GHD has reviewed the watershed nitrogen loads set forth in the 2012 MEP report for the Nauset system, and Eastham believes that its nitrogen loads are significantly less than were estimated by SMAST at that time. Properties served by the new water system in Eastham are using much less water than was the basis of the watershed nitrogen loads in the MEP report.
6. A pilot permeable reactive barrier (PRB) has been installed near Salt Pond and early results are favorable.
7. Eastham will be comfortable using Memoranda of Understanding (MOUs) to codify its relationship with Orleans. Compared to a single comprehensive MOU, there may be merit in a series of more focused MOUs.
8. It is understood that Brewster's contribution to the Town Cove sub-watershed is very small, and there was a consensus that a two-party (Eastham/Orleans) MOU and watershed permit is preferred over a three-party deal (also involving Brewster).
9. George Meservey and Jane Crowley will be the principal contacts for the two towns.

The next meeting is scheduled for Thursday November 10 in Orleans.