

Date: **August 17, 2022**

Project No.: **20985**

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

From: **Mike Giggey**

Subject: **Orleans Nutrient Management Planning
Target Dates for WMAC Activities**

At the August 11 meeting of the WMAC, we discussed the need to document key deadlines or target dates for important town actions related to wastewater management activities. The purpose of this memorandum is to compile an initial list of important dates to serve as a framework for prioritizing the WMAC activities.

Town meeting appropriations will be needed for:

- Survey/design/construct sewer extensions—2023 ATM—May 2023
- Survey/design/construct PRBs—2022 STM—Oct 2022
- CWMP update—2022 STM—Oct 2022

To comply with conditions of MEPA certificate (dated April 2019) related to the second Notice of Project Change, complete CWMP update by December 2023.

The requirements of the Pleasant Bay Watershed Permit include:

- Removal of an additional 177 kg/yr from the Lonnie's Pond watershed by July 2023
- Update of the CWMP by July 2023 (or at least portions dealing with Pleasant Bay)
- Commitment for Year 6-to-10 nitrogen removal projects by Jul 2023
- Commitment to possible modified permit by Jul 2023 or July 2024

Assuming that DEP modifications to Title 5 are effective in January 2023, the town will have until late 2027 to gain watershed permits where necessary. Intermediate steps are:

- Correspondence with DEP to assert Town's position on Nitrogen Sensitive Areas (NSAs) (that is, propose to DEP where the blanket I/A requirement will not apply) by December 2022.
- Initiate Targeted Watershed Management Plans (TWMPs) for Nauset Harbor and Rock Harbor, in conjunction with Eastham, by January 2024 and complete by December 2024
- Gain town meeting approval of the TWMPs by spring 2025
- Execute intermunicipal agreements with Eastham by December 2025
- Apply for watershed permits by spring 2026.
- Receive watershed permits by December 2027 (five years from Title 5 amendments)

Provide update to Capital Improvement Plan by January 15, 2023.

This list of milestones may not be complete. Further, I have inserted dates based on limited understanding of town priorities and procedures. Nonetheless, this memo gives us a preliminary list to expand if necessary, and to firm up scheduling constraints. I have listed deadlines based on the program or permit; once we develop a more complete list, we should order these milestones chronologically. We should all expect that this list will evolve over time.