

## Meeting Minutes

To George Meservey, Director of Planning & Community Development  
Michael Domenica, PE, Program Manager

CC Betsy Shreve-Gibb, AICP, AECOM Project Director

Subject **Town of Orleans, MA**  
**Water Quality and Wastewater Planning**  
**OWQAP Meeting - Key Items Discussed**

Project Number 60476644

From Thomas Parece, P.E., AECOM Project Manager

Date and Time 12/02/15 at 9:00 am

### 1. Sludge/Septage

- The CCC is beginning an evaluation of regional sludge/septage options. The goal is to be completed by end of 2016. The study will look at what the capacity really is by area of Cape and where there might be opportunities to develop regional service. The CCC has already looked at the Upper Cape. Orleans' sentiment is that the study must adhere to the schedule the Town has already set for evaluating need and use at Tri-Town. Patty Daley is the contact person at the CCC.
- There are advantages for Orleans to establish/maintain a new septage processing facility in conjunction with a new wastewater treatment facility. Constant flow provided-year round provides a more stable operation. Marginal extra cost for septage (maybe difference between \$20MM and \$22MM). Finance Committee wants to see the details on the estimated O&M costs.
- P3 of interest to many. Subsequently discussed workshop may occur earlier than originally planned. Maybe mid to late January 2016.
- Paul Ammann did 3 memos on septage pumping.
- JBCC study is concluding and septage was not looked at favorably for this site.

**2. Demo Projects**

- PRBs - Some comments/questions occurred about the use of vegetable oil and the need to look at how it will react/impact the environment. USEPA looking at specific tests. Use of bark mulch should be strongly considered as an alternative.
- Shellfish - Look into potential partnership with Nature Conservancy; several comments regarding need to have local input
- Finance Committee wants data from other communities who have implemented demo projects. What are the real operating costs?

**3. Monitoring and Adaptive Management**

- Presentation on Monitoring - Flushing has increased due to breach of the barrier beach, but need to look at other factors besides just N. Brief update on Cadmus report occurred. Presentation by Cadmus group was proposed to be arranged. This will need to be looked at in light of MEP requirements. Need to verify so that amount of N to be reduced can be verified.
- Bathymetric study (WHG doing study in Town Cove).

**4. Siting and Evaluation Process**

- Members of the OWQAP want to make sure that the evaluation process has local input.

**5. Next Steps**

- Many items are on-going at the same time and the OWQAP needs to provide sufficient input for Town Meeting (spring). Therefore, it was agreed to have more meetings than originally planned.
- Next OWQAP meeting is scheduled for January 20, 2016.