



Town of Nags Head, North Carolina
Decentralized Wastewater Management Plan Update
Advisory Committee Meeting #6 – September 16, 2021

Recording of Meeting:

<https://nagsheadnc.zoom.us/rec/share/HsFaoFoQVoKeS2qlatTz0oroRF6TIEA9FZJxt6xkWatnoANUABIr1PcOTmJeYKg.VOsE-Y4VVcXxDy7U> Passcode: eE.7H!xd

Attendees:

Advisory Committee Members: Bob Mueller, Basil Belsches, Dave Herrmann, Bill Simmonds

Town Staff: Kylie Shephard (Project Manager for Town), Michael Zehner, Holly White

Tetra Tech (Tt) Team: Holly Miller (Project Manager, Tt), Mary Clark, Hillary Yonce (Tt), Kateri Salk (Tt), Bobby Tucker (Tt), Bob Rubin, Mike O'Driscoll (ECU), Charles Humphrey (ECU)

Invited Guests: Katie Hill (UGA), Vic D'Amato (NCDENR), Christina Buxton (Tt), others??

Referenced Materials:

- AC Meeting Minutes for #5
- AC Committee Survey Questionnaire
- DWMP

Paused to pay tribute and moment of silence for Todd D. Krafft and his dedication to the Septic Health Initiative and Town of Nags Head.

A. Call to Order, Agenda Review, Project Status Update (Michael Zehner, Holly Miller)

1. Michael called the meeting to order and reviewed the meeting agenda.
2. Michael asked for any discussion or approval for the AC Meeting Minutes for Meetings #5.
No edits.
 - i. Motion to Approve minutes made by Dave Hermann
 - ii. Seconded by Bob Muller
 - iii. Aye: 4
 - iv. Nay: 0
 - v. Motion passed 4-0
3. Project Status given by Holly Miller

4. Upcoming Schedule provided by Holly Miller

B. Action Items – Presented by Holly Miller

1. Citizen Questionnaire
Bob Muller:
 - i. Question #15 – Why reference wetlands and rain gardens? Answer “d” was updated to better connect the topic to septic health
 - ii. Question #16/17 – Add more detail/specifics to the voluntary septic
2. Stakeholder Interview Notes, Summary, & Key Takeaways
Bob Muller:
 - i. Section 7 Future, Item D – Clarified that comment in this section was based on observation, not data
 - ii. Section 10 Observation & Outreach – Are inspection and pumping outreach separate? Yes, due to scheduling availability during peak season
 - iii. Section 10 Observation & Outreach – Clarified Dare County intention to handout more materials to general public

C. Presentations

1. Data Analysis:
 - i. Groundwater presented by Mike O’Driscoll, ECU CSI
 - ii. Water Quality presented by Charlie Humphrey, ECU CSI
 - iii. Town of Nags Head Stormwater/Surface Water Quality Data presented by Kateri Salk, Tetra Tech
 - iv. Water Usage presented by Hillary Yonce, Tetra Tech
 - v. Onsite Wastewater Systems presented by Bobby Tucker, Tetra Tech
 - vi. Septic Inspections, Credits, and Loans presented by Holly Miller and Hillary Yonce, Tetra Tech
2. Data Management Framework presented by Kateri Salk, Tetra Tech
3. Discussion:
Bob Muller
 - i. Is one residential tank testing site enough to draw conclusions? Difficult to collect a large residential sampling because property owners are inconsistent with allowing access. Other sites sampling locations should be sufficient to draw conclusion
 - ii. What can be inferred from the high presence of fecal coliform in surface water but not in ground water; does this mean septic is not the issue? Further sampling and research are needed
 - iii. Will there be an effort to relate ground water data to water quality data? Yes, will that next level of analysis will be used to identify hotspots and focus efforts

D. Management Planning

1. Review of DWMP Sections 1, 2, 2.1, 2.2, and 2.8 – moved to October meeting due to time

E. Action Items and Next Meeting

1. AC to review current DWMP and provide comments/edits for sections 2.3, 2.4, 2.5, 2.6, 2.7, and 2.9 by October 15
2. Consider SHI revisions and additions based on data and stakeholder comments
3. Next Meeting October 21 @ 3:15