

## MADISON WATER POLLUTION CONTROL AUTHORITY

March 27, 2019

### MINUTES

Time of Meeting: 6 pm

Location: Meeting Room B

**1. Attendance:** Tom Hansen; Tom Lonsdale; Mark Aron, Graham Curtis

Peter Pastore absent

**2. Minutes:** Review of minutes from December 19, 2018. The meeting minutes were approved with minor edits.

**3. Citizen's comments:** None

**4. Health Director's Report:**

- Trent Joseph reports that most new permits are for upgrading antiquated systems. Some required due to home sale inspections. New accessory structures are being erected with living space requiring larger septic systems. Improving weather is always a trigger for increased workload. Mostly repairs -not extensions.
- No recent exceptions sent to DPH
- Trent is working with homeowners on Hamilton Drive (poor soils), the Neck Road area (high water, small ,lots) and Wildcat (ledge).
- Two expensive repairs. One on Harbor Drive (low areas, flooding) and one on Route 80. Mounded leaching fields.
- Roberts Food Center. Looking into repairs. Working with Dave Potts to repair the shared system there. The deep galleries are full and adding air is too expensive. Will work on improving the leaching area.
- Sale of 12 Holly Park. Home is not FEMA compliant and not winterized. An engineered system is going to be needed as part of the upgrade.
- Commercial activity. Lots of inquiries for salon space and other high water use businesses. But Trent has been giving them bead news about septic system constraints. Places on Route 1 (Nicks, Zhangs, etc)
- Bradley Road project – no activity.

**5.** Hansen reported that he sent a written request to the BOS for funding for the facilities Plan. A copy of the letter was distributed. A copy of the letter is attached to theses minutes

**6. Carlos Esguerra. DEEP Sanitary Engineer**

Tom Hansen welcomed Carlos Esguerra to the meeting and introduced him to the WPCA. Carlos is with the Municipal Facilities Section of DEEP. He was invited to attend the WPCA meeting to discuss the progress, procedures and requirements for updating the Town's wastewater facilities plan.

- Carlos reported that DEEP provides funding for all aspects of wastewater management – from planning through construction. The planning assistance is 55% grant. Construction is 25% grant/75% loan.
- The process involves hiring a qualified engineering firm for the planning phase. Follow the QBS process (Qualifications Based Selection). DEEP has guidance for this process. Make a short list of qualified firms, conduct interviews and make a selection. Then, negotiate a scope and fee for the facilities plan. Get DEEP approval and enter into an agreement (Board of Selectmen).
- The funding is a reimbursement through a financial arrangement with the state.
- DEEP requires that a community consider all options, including small, community systems. Small community system is probably the most likely remedy for problem areas. Need to find a

convenient, suitable site for discharge and work “backward” to determine the area that can be served.

- Prioritize areas for on-site disposal, community systems, sewers. Planning and design of subsurface disposal systems needs to be coordinated with DEEP's subsurface disposal group,
- Regarding Nitrogen: Ongoing work by DEEP to refine loading and attenuation factors. These are a consideration for design of community systems
- Hansen brought up the concept of wastewater management districts to be used to establish areas of environmental concern and establish special requirements for septic systems. Similar to the Old Saybrook approach. This work is funded in part by the state.

Hansen brought Carlos up to date with the WPCA recommendation to the town for updating the facilities plan. A letter has been sent to the board for their action.

- Carlos re-iterated that the current plan is outdated. The facilities plan serves as the basis to establish whether or not there is a need for improved wastewater management and to consider all options in order to be eligible for funding.
- Hansen discussed the available resources in town for community systems. The Scotland Road ballfields were once considered as part of the Bradley Road vision study. Salt Meadow Park is also an option. In fact, a treatment plant has already been designed here and a permit was issued by DEEP before the housing project was abandoned. But this is a large site with lots of capacity. Far from downtown but close to other problem areas.
- Tom Lonsdale mentioned Lowery Field and Shore Lands as possible sites for the Neck Road area.

**7. Madison Water Pollution Control Plan.** No changes or issues.

**8. New Business**

- Hansen reported on a meeting he attended with town officials and representatives of Weston & Sampson Engineers. The meeting was arranged by First Selectman Banish and was intended to explore the possibility of sewerage Main Street. A copy of Hansen's notes are attached to these minutes.
- Hansen displayed a large map of the town and discussed some of the known or suspected problem areas with regard to wastewater disposal. Carlos and the WPCA discussed how this map could be used to start a preliminary map of resources (such as town-owned properties) and possible wastewater management districts. Future workshop.

**9. Citizens Comments:** None

**10. Adjourn:** 7:45 pm