



WATER & SEWER COMMISSION

3 North Main Street . P.O. Box 438 . Assonet, MA 02702
508.644.4000 . Fax: 508.644.2053

2017 JUL 10 PM 3:22

JAB

Minutes of the Water & Sewer Commission meeting 6/15/2017

3:30PM Meeting called to order by Bob Parker
Members present: Bob Parker; Brad Paiva; Paul Sadeck
Staff present: Keven Desmarais
Guest: Ryan Trahan, Environmental Partners Group (EPG)
Meeting being recorded by Paul Sadeck

South Main Street Filtration Site

- Ryan Trahan:
 - EPG submitted the Sanitary Survey to MassDEP on May 31st.
 - Permit approval was received.
 - Bleeding water lines based on technical memo from EPG. Samples were taken and a hydraulic model was built to simulate the Assonet system. The age of the water can be determined at various parts of the system. Bleeders were added to the model which also helped determine where more bleeders could be installed in the actual Assonet system. This model will tell what age that water is and help determine what allowable so that Trihalomethane [THM] is at safe levels.
(Trihalomethanes are formed as a by-product predominantly when chlorine is used to disinfect water for drinking. They represent one group of chemicals generally referred to as disinfection by-products. They result from the reaction of chlorine or bromine with organic matter present in the water being treated.)
If needed, more bleeders will be added in order to keep the age of water flowing at the level needed for safety. The allowable age for safe water in Assonet system is 3 days. The furthest water in the lines is older due to less usage/need.
 - Technical Memo outlines the details and needs for the Assonet system and includes THM levels. Ryan shows illustrations of in-bound THM levels at meter pit and data of results with filters on in 2016.
 - Three bleeders with 20 gallons per minute (GPM) each or 86,000 gallons per day and has an impact on water quality. Beach Street site improves for water between 3 and 5 days old to 2-3 days old. Sammy's Lane goes from 5 days old to 2-3 days old. This much better and increasing gallons per minutes will help more. Increase Beach Street to 25 GPM and Sammy's lane to 30 GPM. Putting on additional bleeders will help...one at end of Bay Shore's area and another flowing 5 GPM at Alexandra Drive. This increase bleed flow to 115,000 per day.

- Ryan would like to reach out to Jim McLaughlin at MassDEP and ask him to review the Technical Memo.
 - Recommended using the filter site for 3rd quarter to ensure keeping THM levels at or below a 93 which would then trigger a violation with MassDEP. The Freetown Water & Sewer Commission (FW&SC) would have to create a public notification.
 - Off season average THM level needs to be around 50.
 - If we can ramp up the water flow at the 3 current locations, we only need to purchase 1 new bleeder.
 - If bleeding works, a permanent connection to the service line is an option and the water would then flow to a catch basin.
 - If bleeding doesn't work, we'll have to ask DEP for new deadlines. They may require the FW&SC to do the work, spending the appropriated \$65,900, to get the filters online in the spring and filters online next summer. Then the treatment plant would be online for the following year.
 - Send Ryan every sample result as they come in from Net Labs. With more data we will know after 2-3 months if this process is going to work.
 - Ryan will revise Technical Memo to read that the FW&SC not turn on filters for 3rd quarter, making a stronger case to add an additional bleeders, turning up the volume of water being bled and asking for two more months to gather more data. Once this is done a meeting would be set up with MassDEP to review findings.
 - Discussion of SRF source for funding.
- Keven Desmarais:
 - Is to order two more bleeders and fittings which would give the FW&SC five bleeders total.
 - Motion is made by Paul to get bleeders and get one more online immediately. Bob 2nd. All in favor. Motion carried.
 - He will perform the sampling himself to ensure consistency.
 - Keven will move the bleeder from the street onto his property; a conversation has happened and he is aware of this.
 - Will keep doing weekly testing, the more data we have the better.
 - More progress has been made in the past year than previous 8 years with regards to corrective action steps laid out by MassDEP.
- Bob Parker:
 - Has concerns that the FW&SC does the bleeding process and they find that on November 1st the bleeding is not going to work to keep THM levels down.

By-pass Valve Project

- Ryan Trahan:
 - Has been communicating with contractor regarding concrete vault and they've released all the specs and gone to fabrication. Contractor will let EPG know when it's time for construction phase.

- The delay is due to shop drawings with the vault, ladder and valve which is not unusual.
- Cost is kept to contract pricing.

Brad Paiva has joined the meeting at 4:18PM.

- Discussion regarding necessity of valve.
 - Playing Devil's advocate...if bleeding work then it's not necessary and there would be a valve not used regularly. The Commission could call the contractor and cancel the whole thing but would have to pay for their time and parts already in progress.
 - If the filter site has to be moved then the valve would not be needed anyway.
 - Keven does not feel comfortable cancelling the project because of businesses needing the pressure for their fire suppression system.
 - Brad Paiva says to move forward with the project.
 - Paul Sadeck says to move forward with the project.
-

Budget

- Wait until next meeting.

Ashland/ISP

- At Town meeting, Fred Hannah, acting General Manager, has permission to enter into any agreement he feels appropriate with the Town of Freetown with regards to land for the filter site.

New Bedford Water & Sewer

- Bob Parker has reached out but has not received a call back.

Approve Minutes

- No minutes to approve at this time.

Brad Paiva makes motion to adjourn. Paul Sadeck 2nd. All in favor. Motion carried. Meeting adjourned.

Respectfully submitted,



Steven Chandler
Senior Clerk, Freetown Water & Sewer Commission