

A meeting of the Town of Barnstable's Hyannis Water Board was held on August 21, 2018 at 3:00 PM in the Planning & Development Conference Room, 367 Main Street, 3rd Floor, Hyannis, MA.

In attendance were: Steve O'Neil, Jonathan Jaxtimer, Tom Holmes and Harold Tobey.

Staff present: Hans Keijser, Supervisor, Water Supply Division.

Also present: Mike Leahy from Suez Water, Steve Seymour, Sue Phelan and Deb Krau, residents.

A quorum being present, Chair O'Neil called the meeting to order at 3:00 PM.

A motion was made and seconded to approve the agenda.

**VOTE: Unanimous in favor. The Agenda is approved.**

A motion was made and seconded to approve the 7/17/18 meeting minutes.

**VOTE: Unanimous in favor. The 7/17/18 meeting minutes are approved.**

18 OCT 23 PM 10  
BARNSTABLE COUNTY  
FIRE TRAINING ACADEMY

Operations Report –

Leahy reports that there were 5 system leaks in the month of July which all have been repaired. He explains that 6 hydrants were found with operational issues during the flushing program, 3 were replaced and 3 were rebuilt. He informs the board that the dehumidifier at the Mary Dunn Well #1 filter building failed due to a broken pump that has been replaced on the unit. He reports that the failed pressure reducing valve at the Straightway Treatment Plant has been replaced. He notifies the board that the one vacant O&M technician position has been filled and employee started on July 30<sup>th</sup>. He informs the board that hydrant painting is almost complete for contract year 10 with only 1 hydrant remaining to be painted.

All required monthly reports and sampling were completed and submitted on time.

Barnstable County Fire Training Academy, follow-up and discussion – O'Neil expresses to the board that although he was unable to attend the Town Council meeting, he viewed the video of the meeting and is dissatisfied with how the fire training academy is representing their position relative to their lack of efforts for remediation of the location. O'Neil states that the county has a responsibility and has displayed poor performance for clean-up efforts. He adds that he has received no plan from them relative to their clean-up and is concerned that the DEP is not pushing them to act. He expresses his extreme concern that they are planning more burdens on the property (via new buildings, increased activities). O'Neil states the facility needs to be shut down to protect our water. O'Neil has reached out to a couple to town councilors expressing the problems and the misrepresentation made by the county relative to their remediation actions. O'Neil will draft a letter to the county addressing the concerns and their responsibility committed for a clean-up solution, circulate it to the board, then ELLS before sending it to the county.

A motion was made and seconded to send a letter to the county.

**VOTE: Unanimous in favor. A letter will be sent to the county.**

Phelan expressed great concern over the continued use of the fire training academy. She explained to the board that she contacted them and was given a tour of the premises. During the tour, she was informed of the intentions on expanding the academy. She expresses to the board that no foam or water should be used

at the location due to the contamination issues; she adds that she doesn't believe that the DEP has a clear understanding of the groundwater problems. She has reached out to the EPA and DEP and has a meeting scheduled in September, she invites board members to attend. Seymour explains that the conservation commission has jurisdiction relative to this matter. Krau suggests carbon copying the letter that is composed to all of the town council members. Keijser suggests sending a copy of the letter to the conservation commission as well.

Maher Filtration Plant, additional funding request, update – Keijser informs the board that the town council has approved the additional 4.25M with the stipulation that if well abandonment is needed in the future, the equipment can be unbolted and moved to a new location.

New wells on Fish & Wildlife land, update – Keijser explains that sampling and testing is completed showing that where they thought PFOS/PFOA would have been predominant showed to be clean; he adds that this was a surprise and is positive. He explains that there was only one hit of the contaminant in the middle of the property; he adds that iron and manganese is high in all of the wells, expressing that this area is not pristine and would require green sand filtration. Keijser adds that the Cape Cod Commission spent quite some time out in the field with him. He adds that the USGS ran the groundwater model and will be reviewing the data in the coming couple of weeks. A meeting will be scheduled in mid-September to discuss the findings and suggestions to move forward.

Sixth Avenue, multiple water main breaks, update – Keijser explains that 3 leaks in the 2" steel/cement lined pipe occurred on the same day requiring a priority project be planned to replace the pipe. He displayed a portion of the pipe showing extensive corrosive degeneration of the pipe, adding that the soils in the area must be the cause. He is sending this out for design for pipe replacement (approximate cost of \$100,000 - \$125,000). He is projecting design be completed this fall and pipe replaced in the spring. He explains that this project would consist of approximately 2 blocks of pipe replaced from Craigville Beach Road to Pine Avenue.

Review capital for FY 2020 – Keijser informs the board that 2 projects are requested:

1. Pipe Replacement (1.05M) – This will cover the cleaning & lining of the 12" water main on Main Street from School Street to the Yarmouth Town line.
2. Wells/Pump Stations (\$200,000.00) – These monies will be used for continued roof replacement, electric motor control upgrades, SCADA upgrades and security fencing at various locations

Keijser adds that out of the CIP cycle projects, acceleration will be needed for the Airport/Mary Dunn Wells treatment evaluations (\$120,000.00) and the Hyannis Port/Simmons Pond/Straightway Wells treatment evaluations (\$100,000.00) due to the potential MassDEP lowering of the ORSG standard of PFAS limits.

New MassDEP ORSG for 5 PFAS compounds at 0.07 mg/l combined, water system impact and consequences (handout given) – Keijser revisits with the board that new guidelines put in place in June by the Massachusetts Department of Environmental Protection, Office of Research and Standards Guidance for (5) PFAS chemicals (PFOA, PFOS, PFNA, PFHxS AND PFHpA). He reiterates that the new guideline for these five chemicals is no more than 0.070 micrograms per liter combined. Keijser informs the board that he had a recent meeting with Santos and Steen, and that Santos received a call from the DEP stating that they may lower the .07 ng/l level down to .02ng/l. Keijser explains that if this occurs, HyPort and Simmons Pond would need to be shut down, resulting in the loss of the Straightway well field. Keijser provided the board with multiple pumping spreadsheet displaying pumping numbers from years 2012 – 2017 and additional spreadsheets displaying scenarios resulting from the possible new PFAS level drop potential projected. The last page of Keijser's handout displayed a plan which ultimately displays an increase in

water purchase from the Town of Yarmouth and COMM, and the need to reactivate the Straightway and Mary Dunn #4 wells.

FY 18 Capital Project Update –

Projects Update -

- Cleaning & Lining job on Main Street East, construction will start directly after Labor Day, update on public outreach, construction schedule – Keijser reports that neighborhood informational meetings have been scheduled for 8/29/18 at 6PM and 9/1/18 at 10AM, he adds that these notices have been sent out to the abutters of the area.

Meeting was adjourned at 4:16 PM.

*Respectfully submitted,*

*Marcia Sellitto  
DPW, Water Supply Division –Administrative Assistant*

Materials presented at meeting:

- Meeting Agenda August 21, 2018 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- Meeting Minutes for approval 7/17/18 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- H.W.B. Monthly Reports, July 2018 (*presented by:* Suez Water)
- FY '19 Pumping Projection spreadsheets, dated 8/13/2018 (*presented by:* Hans Keijser)
- Billed and Received Revenue Projection spreadsheets, dated 8/13/2018 (*presented by:* Hans Keijser)
- Copy of CIP FY20 Rational, dated 8/17/18 (*presented by:* Hans Keijser)
- Copy of HWS- PFOS/PFOA Test Results, dated 2018 (*presented by:* Hans Keijser)
- Copy of Monthly Maximum Pumping Years (201-2017), dated 4/10/18 (*presented by:* Hans Keijser)
- Copy of HWS Water Production Needs packet, dated 4/10/18 (*presented by:* Hans Keijser)
- Copy of Hyannis Water Board Councilor Assignments, dated 7/19/18 (*presented by:* Hans Keijser)
- Copy of FY'19 Pumping Projection & FY'12-FY'18 Pumping Record, dated 8/3/18 (*presented by:* Hans Keijser)
- Copy of FY'19 Approximate Billed Revenue Projection & FY'12-FY'18 Revenue Billed History, dated 8/3/18 (*presented by:* Hans Keijser)
- Copy of FY'19 Approximate Received Revenue Projection & FY'12-FY'18 Revenue Received History, dated 8/3/18 (*presented by:* Hans Keijser)
- Copy of Construction Awareness Campaign 2018, dated 8/15/18 (*presented by:* Hans Keijser)
- Copy of C&L of 12" Water Main on Main Street Customer Letter, dated 8/15/18 (*presented by:* Hans Keijser)
- Newspaper clippings (*presented by:* Hans Keijser)

