

A meeting of the Town of Barnstable's Hyannis Water Board was held on September 15, 2020 at 3:00 PM remotely via ZOOM (as posted per instructions on the agenda- "Virtual meeting via Zoom: <https://zoom.us/j/94997731663?pwd=NFZPOWdERkNGamxmMjJ0MTcvN28vUT09>, meeting ID: 949 9773 1663, passcode: 090376 or by phone: (888)475-4499, meeting ID: 949 9773 1663, passcode: 090376; due to being physically closed to the public to avoid group congregation as a result of the COVID-19 pandemic.

In attendance (On Zoom) were: Steve O'Neil, Tom Holmes, Jonathan Jaxtimer and Mark Sexton.

Staff present (On Zoom): Hans Keijser, Supervisor, Water Supply Division.

Also present (On Zoom): Mike Leahy from Suez Water, Kirsten Ryan from Kleinfelder and Sue Phelan and Deb Krau, residents.

A quorum being present (On Zoom), Chair O'Neil called the meeting to order at 3:03 PM.

A motion was made and seconded to approve the agenda.

VOTE: Unanimous in favor. The Agenda is approved.

2021 FEB 2 AM 11:40

A motion was made and seconded to approve the 8/18/20 meeting minutes.

VOTE: Unanimous in favor. The 8/18/20 meeting minutes are approved.

BARNSTABLE TOWN CLERK

Operations Report –

Leahy reports that on August 17th, the media was replaced at the Mary Dunn Well #2 location carbon filter, was then backwashed, flushed, bacteria samples taken and placed back in service. Also on that day, water from the Yarmouth interconnect was routed through the new Maher filtration plant (per construction schedule) to enable work to be done at the old treatment plant. Inspection and approval through Mass DEP was needed and obtained to activate the new chemical feed systems to treat the water received from Yarmouth. Leahy informs the board that on August 31st, a contractor working at 141 Stevens Street, preparing to perform a pressure test on a newly installed 6" fire service reported failure as a result of new pipe coming apart resulting in low pressure and flooding in the area. Suez staff responded to shut off the valves and isolate the leak.

Leahy informs the board about the following distribution issues and leaks that were repaired:

- Service leak at 99 Linden Street was repaired.
- Broken hydrant at 333 Iyannough Road was replaced.
- Leaking 6" water main on Hawthorne Avenue was repaired.
- Broken 6" water main was repaired on Ocean Street.
- Service leak at 11 Harbor Bluff Road was repaired.

O'Neil shares that he received a high regarded compliment from a commercial customer relative to a Suez's staff member's incredible service. Keijser adds that the pumping is up 4% over the 7 yr. average, so the billed revenue is up over projections, but received revenues are down about 8% from projections due to a postponement of collections which was put into place due to the COVID situation.

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

Open spot for a water board member, resident rate payer, letter of interest to the Town Manager – O’Neil expresses that there is not a lot of enthusiasm for potential members; he feels this is due to the current pandemic situation and remains positive that someone will come forward soon.

Kirsten Ryan, Kleinfelder, Treatment options evaluation report for Straightway and Hyannis Port Facilities; presentation (report supplied / PowerPoint presentation will be dispersed) – Kirsten begins with explaining background information relative to the Straightway and Hyannis Port facilities, consisting of 4 wells, all which need treatment and improvements to meet existing and proposed regulatory requirements. She explains that the parameters and contaminants needing treatment are iron and manganese, 1, 4 Dioxane and PFAS. She expresses the focus on a 2 plant approach while utilizing existing systems and infrastructure and although new technologies were researched, it is recommended to ultimately access the current treatments that Hyannis Water System is already using, that of: greensand for iron and manganese, UV for 1,4 Dioxane and the granular activated carbon for PFAS. She explains the phased approach of design and construction of 1 location at a time to enable resiliency, flexibility and affordability. The cost comparison recommendation would be the 1500 gal/min flow with 3 GAC trains at Straightway and a 1200 gal/min. flow at Hyannis Port for an estimated cost of 14.9M which was the lower and more conservative of the comparisons. She explains a projected schedule of: pilot study in fall/winter, pilot testing in the spring/summer, and design in 2022. Recommendation was made to commence with the Straightway facility first. O’Neil asks Kirsten if a 1 plant approach was possible. She explains was not a viable option relative to cost, and especially the inability of accessing the other locations abilities if a power failure or other disrupted event occurred. Keijser questions Kirsten relative to the estimated 14.9M cost for the Straightway plant, and why it is more in comparison to the cost of the Maher facility that was just constructed. It is determined that the building in this report for Straightway would be constructed using cement block whereas the Maher facility is a pre-fabricated steel building. If a steel building was used for Straightway, the cost would be less.

Maher Filtration Plant, dedication plaque, follow-up – O’Neil reports that he spoke with the town manager and this will be put forth to the town council at the first meeting in October. He adds that Ells has not received any push back and it is favorable.

“Utility of the year” award for the Hyannis Water System from the New England Water Works Association – Keijser informs the board of the receipt of the “Utility of the year” award for a medium water system for New England. He acknowledges all involved and expresses it is a team effort and nice to be recognized. O’Neil concurs.

Review Capital for FY 2022 – Keijser reviews with the board the 3 Capital Improvements Projects:

1. Pipe Replacement and Upgrade Program, \$1,050,000
2. Water Supply Wells, Pump Station and Treatment Plant repair and upgrade Program, \$200,000
3. Maher Filtration Plant, new construction, design and install solar panels to help offset electric costs, \$450,000

Capital Project Update –

Projects Update -

- The installations of interim carbon filtration units, update – Keijser reports that both systems are in operation and working. He adds that the light and camera poles have been installed at both locations. He explains that the pole at the Straightway location is taller in height which will enable the installation of the new meter reading equipment resulting in a fixed system allowing

- constant access to reading data delivered back to the office location and will also allow the elimination of a physical meter reading technician out on the road.
- New well exploration program, test well drilling is done, update – Keijser informs the board that draft report shows interesting findings and will need additional revisions upon receipt and review of the additional testing results (from the area ponds near the Straightway location towards the Mary Dunn that consultant Cambareri has conducted due to PFOS being found) and the test well findings data. Once both reports are received and reviewed a recommendation will be brought to the board and the town manager from the DPW director relative to the site to move forward to.
 - Mass DOT Rte. 28 / Yarmouth Road Project, update – Keijser informs the board that the project has been divided into 2 phases due to cost, with most water work being conducted in the first phase and remaining in the second phase. This is currently in discussion with the engineering firm, the water system, Mass DOT and DEP engineering on how to proceed.
 - Mary Dunn 4, replacement well construction, Weston & Sampson, update – Keijser states that they are currently working through a design amendment for the building then go out to bid.
 - Maher Filtration Plant, treatment for PFAS, 1,4 Dioxane and Manganese & Iron, update – Keijser reports that he conducted a tour of the plant last Monday and would like to coordinate with Holmes and Sexton to tour the facility. He adds that over the next couple of weeks, Suez staff will be receiving training on operations and maintenance of the new system, final testing will be completed leaving final inspection from Mass DEP for approval for operation, at which point, the Yarmouth interconnection can be shut off.
 - COMM Permanent Interconnect on Longview Drive, update – Keijser informed the board that the second round bid is expected in the next week (with the hope of more reasonable bids received this time) and have the construction done over the fall and winter.
 - Independence Drive Project, water main looping from Attucks Lane to Home Depot Plaza – Keijser informed the board that easement and legal issues are still currently being worked on. He anticipates work on the lines will start this fall.

Matters not reasonably anticipated by the chair – Keijser informs the board that they were granted a \$200,000 grant from Mass DEP which was applied for.

Meeting was adjourned at 3:50 PM.

Respectfully submitted,

Marcia Sellitto

DPW, Water Supply Division –Administrative Assistant

Materials presented at meeting:

- Meeting Agenda September 15, 2020 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- Meeting Minutes for approval 8/18/2020 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- H.W.B. Monthly Report, August 2020 (*presented by:* Suez Water)
- FY '21 Pumping Projection spreadsheets, dated 9/10/2020 (*presented by:* Hans Keijser)
- Billed and Received Revenue Projection-FY'21, dated 9/10/2020 (*presented by:* Hans Keijser)
- Copy of Evaluation of Treatment Options for Straightway and Hyannis Port Facilities-Hyannis Water System, dated August 2020 from Kleinfelder (*presented by:* Hans Keijser)
- Copy of email from Santos, RE: Maher Filtration Plant, naming dedication for Harold Tobey, dated 8/31/2020 (*presented by:* Hans Keijser)
- Copy of letter from NEWWA presenting Hyannis Water System the Utility of the Year Award (medium size utility), dated 8/13/2020 (*presented by:* Hans Keijser)
- Copy of Plaque presented to Hyannis Water System for Utility of the Year, dated 9/23/2020 (*presented by:* Hans Keijser)
- Copy of CIP FY22 Rational, dated 9/8/2020 (*presented by:* Hans Keijser)
- Copy of Hyannis Water System Pipe Replacement spreadsheet from Michael Gorenstein, dated 8/12/2020 (*presented by:* Hans Keijser)
- Copy of PFAS Sampling Locations-Barnstable Municipal Airport from Horsley Witten Group, dated 9/3/2020 (*presented by:* Hans Keijser)
- Copy of Hyannis Water Board Councilor Assignments, dated 8/18/2020 (*presented by:* Hans Keijser)
- Copy of Letter from Mass DEP, RE: Massachusetts Drought Advisory Status, dated 9/9/2020 (*presented by:* Hans Keijser)
- Newspaper clippings (*presented by:* Hans Keijser)