

A meeting of the Town of Barnstable's Hyannis Water Board was held on March 20, 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 and Tom Holmes.

Staff present: Hans Keijser, Supervisor, Water Supply Division, Michael Gorenstein, P.E., Project Manager, Dale Saad, Ph.D., Senior Project Manager.

Also present: Mike Leahy from Suez Water, Paul Howard and Jon Gregory from Tata & Howard.

A quorum being present, Chair O'Neil called the meeting to order at 3:04 PM.

A motion was made and seconded to approve the agenda.

BARNSTABLE TOWN CLERK

2018 JUL 25 PM 11:02

VOTE: Unanimous in favor. The Agenda is approved.

A motion was made and seconded to approve the 2/20/18 meeting minutes.

VOTE: Unanimous in favor. The 2/20/18 meeting minutes are approved.

Operations Report –

Leahy reports that an alarm was received through the SCADA system finding a generator failure at Maher #3 due to a bad starter; starter was replaced. He reports that during the last inspection at the Mary Dunn #1 tank, roof issues were discovered and repaired. He adds that a new disconnect switch and electric meter socket were installed at the Mary Dunn #3 well building. Leahy informs the Board that all master meters were calibrated at all of the wells and interior piping is currently being painted by Suez staff at the treatment plants. He informs the Board that hydrant flushing is projected to start in April, weather permitting.

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

Maier Filtration Plant pilot study results, recommendations, presentation by Tata & Howard, design engineers, discussion and vote (handouts given) – Jon Gregory from Tata & Howard summarized the study results which were submitted to the Department of Environmental Protection (DEP) and approved on 2/2/18. The additional projected funding needed for the Maier water filter treatment facility would be as follows:

1. Treat 1, 4 Dioxane with advanced oxidation and ultra violet light (UV), \$2.9M – **At Minimum Needed**
2. Treat 1, 4 Dioxane with advanced oxidation and ultra violet light (UV), and treat iron and manganese with greensand filtration, 4.9M- Depends on recommendation.

Tata & Howard recommends option #2 for the reasons that it would produce the best water quality along with producing less stress on the equipment (the carbon would not have to be overworked). Gregory reviews the projected schedule for option #2 which would approximately be: January 2018 – May 2020. O'Neil asks Tata & Howard if this system with the option #2 would be adequate for any pre-emergent contaminants. Gregory responded that these options are the best available technology available currently and can treat multiple areas. The approximate totals for the complete system options are: \$8,235,000.00 for option #1 and \$10,770,000.00 for option #2. Saad explains that the State Revolving Fund (SRF) through the DEP documentation stated a deadline for bids and a signed contract would be June 2018. She explains that

that date should be June of 2019. She will contact the DEP to receive proof in writing documenting the deadline date for a signed contract. Keijser adds that Tata & Howard are experienced with the SRF procedure. Keijser states that approximately \$500,000.00 of the 6.5M CIP for the design and pilot testing has been spent down and if Option #2 is opted, an additional 5M will need to be requested from Town Council. Keijser adds that Santos has advised him to proceed with this. Saad adds that if this is chosen, she will need to have this approved by June 29th, 2018.

A motion was made and seconded to accept option #2 from the Tata & Howard plan for the Maher Filtration Plant.

VOTE: Unanimous in favor. Option #2 from the Tata & Howard plan for the Maher Filtration Plant is approved.

Capital Improvement Plan for FY 2019, Town Council hearings & vote, starting on April 6, 2018 – Keijser informs the Board that these will most likely occur over two or three Thursday nights beginning on April 6, 2018.

SDC (System Development Charge) Charges, payments & betterments to promote small business investment, update – O’Neil states that he talked to Ells whom spoke with Milne and was informed that no legislation is in place for this program. O’Neil suggested that Ells speak with Milne and consult with Jenkins relative to the County septic system loan program. O’Neil states that this issue needs to move forward.

FY 18 Capital Project Update –

Projects Update -

- Mass DOT Rte. 28 / Bearses Way Project, progress – Keijser reports that the pressure testing and chlorination of newly installed water pipes is starting now.
- Mass DOT Rte. 28 / Yarmouth Road Project update – Keijser reports that he is waiting for new 100% plans due to the drainage issues.
- Mary Dunn, gas conversion, update – Keijser reports this is in the works; however the weather has not been cooperating.
- Straightway 1 well reactivation, update – Keijser reports the design is being finalized then will go out to bid.
- New sources study, Phase 1 report, Update – Keijser reports this report is being revised now.
- Mary Dunn 4, replacement well construction, Weston & Sampson, Update – Keijser reports that the finalization of the design is being done now, then will go out to bid.
- Maher Treatment Plant, treatment for PFOS/PFOA, 1, 4 Dioxane and Manganese & Iron, pilot study report, Update – (see above).
- Mary Dunn #1 water storage tank, roof replacement and appurtenant work, under construction, Update – Keijser informs the board that this project is in the works currently and the roof is projected to be completed by the end of June.
- Mary Dunn #2 pipe replacement and drainage work, Contract signed, update – Keijser informs the board that the contract has been signed and work is projected to start in the spring.
- Design of Cleaning & Lining job on East Main Street, Update – Keijser reports that this is projected to be started after the summer. He adds that lots of construction projects (within other town departments) are in the works for the area over the next 2-3 years. He adds that he would prefer to be the first to get improvements completed in the area.

Meeting was adjourned at 4:10 PM.

Respectfully submitted,

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

Materials presented at meeting:

- Meeting Agenda March 20, 2018 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- Meeting Minutes for approval 2/20/18 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- H.W.B. Monthly Reports, February 2018 (*presented by:* Suez Water)
- FY '18 Pumping Projection spreadsheet, dated 3/15/2018 (*presented by:* Hans Keijser)
- Billed and Received Revenue Projection spreadsheets, dated 3/16/2018 (*presented by:* Hans Keijser)
- Copy of Design Memorandum & Summary of Results and Recommendations for the Maher Filtration Plant Pilot Study, dated 3/14/18 & 3/19/18 (*presented by:* Tata & Howard)
- Copy of 2018 Intended Use Plan for the Drinking Water State Revolving Fund, dated 2/15/18 (*presented by:* Hans Keijser)
- Newspaper clippings (*presented by:* Hans Keijser)