

A meeting of the Town of Barnstable's Hyannis Water Board was held on August 15, 2017 at 3:00 PM in the Growth Management 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 and Dale Saad, Ph.D., Senior Project Manager.

Also present: Mike Leahy from Suez Water.

A quorum being present, Chair O'Neil called the meeting to order at 3:02 PM.

A motion was made and seconded to approve the agenda.

BARNSTABLE TOWN CLERK

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

2017 NOV 1 PM 1:14

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

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

Operations Report –

Leahy reports that the GAC vessels at Mary Dunn #2 & #3 have been backwashed. He informs the board that an issue was found with the motor and pump at Maher #2 during the current pilot testing and reports that the motor and pump have been replaced. He reports that the front office has received a facelift and new shelving has been added in the shop to enable accurate meter and radio inventory tracking and employee efficiency for field activities. He reports that all deliverables including meter changes are completed for contract year 8.

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

Suez Contract for Preventative Maintenance – Leahy reports they will soon start on contract year nine preventative maintenance requirements.

Dale Saad, SRF Update – Saad reports that projects for the next funded year were submitted to the DEP last Friday for review. She explains that this project is for the Maher Water Treatment plant in the amount of 11.215M to cover the full project including the potential need for green sand and UV treatment. Saad reports that normally they will hear in January or February if they are considered. She emphasizes that this is a loan and not a grant, but hopefully the water system will be ranked higher due to the contamination issues.

Load FY 2017 Usage Data into financial model - Keijser reports that a lot of work needs to happen and he will start next week by contacting the rate tool consultants. He projects to have the discussion postponed to the October meeting to be completely prepared

Review Capital for FY 2019 (handout given) – Keijser reviews the handout, expressing that rates and fees were kept in mind while developing this list.

1. Pipe Replacement, \$1,050,000.00
2. Well Building & Treatment Plant Upgrade, \$200,000.00
3. New Well Exploration, \$555,000.00

Out of CIP-cycle project; additional funding will be needed for the Maher water filter treatment facility upon pilot testing completion and recommendations:

1. Treat 1, 4 Dioxane with advanced oxidation and ultra violet light (UV), \$2.9M
2. Treat 1, 4 Dioxane with advanced oxidation and ultra violet light (UV), and treat iron and manganese with greensand filtration, 4.9M

#### Hans Keijser, Projects Update –

##### Projects -

- Mary Dunn Road Paving project, gas line installation is completed and next steps – Keijser reports that the gas line installation is completed, quotes are being received to convert the existing propane heaters and generators to natural gas. He adds that he is waiting on DPW for a portion of the road to be raised near Cape Abilities, drainage added and relocation of the water main which is a combined construction with the bike path project.
- Straightway 1 well reactivation, in design phase – Keijser reports that the first design was rejected. He adds that he is working with Weston & Sampson, expressing that he prefers to reuse as much existing equipment possible to keep costs down. He informs the board that the testing was ok, but the manganese was still high. He adds that Suez is doing sampling to see if blending with other wells is possible for better quality water and satisfying pumping needs.
- New sources study, underway, Phase 1 report due soon – Keijser reports that he projects to have a draft soon to review, then expects a final draft later in the fall.
- Mary Dunn 4, satellite well exploration, Weston & Sampson, (design memo) discussion - Keijser reports that the first piece is completed and memo is attached. The memo anticipates that the contamination from the fire training academy shouldn't affect the Mary Dunn #4 well relocation.
- Maher Treatment Plant, treatment for PFOS/PFOA, 1, 4 Dioxane and Manganese & Iron, in design and pilot testing, progress discussion – Keijser informs the board that the six (6) total Granular Activated Carbon (GAC) filters (2 per each well) and their concrete foundations are projected to be in place by March 15, 2018, he adds that these foundation and site work bidding is expected in November / December of this year. Keijser adds that the bidding for the GAC contractor is expected in January 2018 for a projected completion and online date of June 2018.
- Mary Dunn #1 water storage tank, roof replacement and appurtenant work, contract awarded – Keijser informs the board that this project is was awarded within the projected budget and the majority of the project is expected to be completed by Christmas.
- Mary Dunn #2 pipe replacement and drainage work, design and bid documents under review by DPW Administration – Keijser informs the board that these documents are still under review by the staff of DPW Administration and the project will hopefully commence in the fall.

- RFQ for the design of cleaning & lining job on East Main Street, bids under review – Keijser reports that this is moving forward

Meeting was adjourned at 3:57 PM.

*Respectfully submitted,*

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

Materials presented at meeting:

- Meeting Agenda August 15, 2017 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- Meeting Minutes for approval 7/18/17 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- H.W.B. Monthly Report, July 2017 (*presented by:* Suez Water)
- FY '18 Pumping, Billed, and Received Revenue Projection spreadsheets, dated 8/11/2017 (*presented by:* Hans Keijser)
- Copy of FY '11-'17 Pumping Records, Revenue Histories, FY '18 Revenue Projections – dated 7/27/2017 (*presented by:* Hans Keijser)
- Copy of CIP FY '18 Work Plan, dated 8/14/17 (*presented by:* Hans Keijser)
- Copy of CIP FY '19 Rational, dated 8/11/17 (*presented by:* Hans Keijser)
- Copy of memo RE: Mary Dunn Well #4-Permitting Requirements, Potential Contamination Evaluation & Recommendations, dated 8/4/17 (*presented by:* Hans Keijser)
- Copy of Revised Project Schedule-Maher Filtration, Phase 1 by Tata & Howard, dated 8/8/17 (*presented by:* Hans Keijser)
- Copy of News 21 article on Hyannis Steps up Response to Water Contamination, dated 7/20/17 (*presented by:* Hans Keijser)
- Copy of Amendment #9 for Operational Contract with Suez Water, dated 4/19/17 (*presented by:* Mike Leahy)
- Copy of Water Rate Study, Schedule S – Capital Improvement Projects (*presented by:* Mike Leahy)
- Copy of “The Importance of Treating Manganese in Drinking Water” article by Tata & Howard, dated 1/30/2017, (*presented by:* Hans Keijser)
- Newspaper clippings and water related articles (*presented by:* Hans Keijser)