

A meeting of the Town of Barnstable's Hyannis Water Board was held on June 19, 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 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 3:00 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 5/15/18 meeting minutes.

VOTE: Unanimous in favor. The 5/15/18 meeting minutes are approved.

Operations Report –

Leahy reports that the flushing program is projected to be completed the week of June 25th. The annual air stripper inspection completed at the Maher Treatment Plant showed two deficiencies, he reports that parts were purchased and installed. He reports to the board that there were a few leaks in the month May which were addressed and repaired. Leahy informs the board that a consultant was on site to perform thermal imaging and vibration analysis of all well and booster pumps that will obtain data for the annual Predictive Maintenance Report which will be created and completed by the end of the month. He adds that two chlorine analyzers at the Mary Dunn Treatment Plant failed; he reports that the manufacturer (Hach) responded and will rebuild the units. He adds that a new employee has been hired and projected to start on May 29th. He adds that the meter replacement has been completed for contract year 9 and remaining deliverables will be completed by the end of the month. Collections are showing big improvements relative to the over 360 day's accounts currently at: \$93,000.00 (\$181,000.00 same time last year).

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

Five year extension of Suez operations contract, discussion – O'Neil states that Suez's job performance has been good and their response and correction of previous issues has been great. He expresses that they are familiar with the system and has no problem keeping them in place going forward. Keijser agrees that Suez is performing well. It is discussed that the board will talk with the Town Manager. Keijser will talk with the DPW Director and Assistant Director.

A motion was made and seconded to continue Suez's contact.

VOTE: Unanimous in favor. Suez's contract will be continued.

New MassDEP ORSG for 5 PFAS compounds at 0.07 mg/l combined, water system impact and consequences (handout given) – Keijser reports to the board that the Massachusetts Department of Environmental Protection, Office of Research and Standards Guidance has established guidelines for (5) PFAS chemicals (PFOA, PFOS, PFNA, PFHxS AND PFHpA). He explains that the new guideline for these five chemicals is no more than 0.070 micrograms per liter combined. Relative to the new guidelines, Keijser explains to the board that Maher levels are just below the level and purchase of water from

Yarmouth will be necessary. He adds that the sampling conducted at the Straightway location; levels were over in the month of January and just under the levels in the month of May, therefore putting Straightway #1 (no PFOS/PFOA detected) online will help with this issue which will enable the Hyannisport well to be ok. Keijser states that these new guidelines confirm, the new Maher filtration plant is definitely needed. The Mary Dunn filters are doing a good job taking out all these compounds.

Barnstable County Fire Training Academy (multiple handouts given) –

- Payment Issues – Keijser explains that the settlement agreement between the county and the town states that the county would pay for the debt service for capital costs associated with the Mary Dunn filters and filter buildings, payments for carbon exchanges and operation/maintenance costs for the Mary Dunn filters. He informs the board that they received one payment for a carbon exchange in November. He adds that the billing for the O/M bills to the county started in September, the town has only received one payment (in January), but no payment since. Keijser has contacted the county whom claims they have not seen the bills. He adds that a conversation with the county's Jack Yunits stated they would pay; however, no payment has been received as of the day of the meeting.
- Stalled cleanup effort – Keijser reports to the board that one area had been dug revealing complete contamination. Keijser expresses that their remedial solution (pump and filter) was defective. He adds that no further remediation has been done.
- Continued water use on the property exacerbating the groundwater contamination – Keijser informs the board that water is still being used on the property (whole site is contaminated), making the problem worse, in part due to the pitch of the land which goes downward toward the pond. He explains that more water added to the contaminated area, the worse the contamination will get. Keijser informs the board that DPW Director, Santos has sent a letter to the DEP stating that they should not be using water at the site.
- Expanded training activities and use – Keijser informs the board that the county along with the Massachusetts Maritime wants to add “Shipboard Firefighting” at the location. Keijser makes the point that there is no sewerage out at the location, only septic which is problematic as well. Keijser is in disagreement with the DEP relative to the current activities approval at the site; he feels the DEP is not doing enough. Tobey expresses his concern about the facility and is willing to do all necessary to rectify the issue. O’Neil feels as though the public does not even know what is going on, adding that they are not educated on this fact, therefore; they do not know how serious the issue is.

Airport contamination, 1, 4 Dioxane & PFAS, update (handouts given) – Keijser informs the board that the airport also received a letter from the DEP. He expresses again that the DEP doesn't seem to be pushing for research about the contamination plumes that are currently contaminating the Maher location. Tobey expresses his concern and wants to do something to make things better. He adds that he never realized everything that was going on with the water system until he got onto the board.

2017 Water Quality Report, update (final copy given) – Keijser reports that the report will be disbursed to all offices and customers.

SDC (System Development Charge) Charges, payments & betterments to promote small business investment, update – O’Neil states that this is being worked on and he should have results by next month.

New wells on Fish & Wildlife land, update – Keijser expresses that this is high priority for himself, the Town Manager and the Town Council. He explains that water quality testing will be done on June 26, 27 and 28th on all Fishing & Wildlife test wells to determine their viability and the worth of pursuit of further convincing of the Fishing & Wildlife to allow us use of their land for new wells. The new source

alternatives study report draft is being presented to DPW Administration and then to the board. Keijser explains that this would take a few weeks and would outline multiple modalities for new sources leaning towards treatment and new wells. Keijser explains that the report will look towards the Hyannis Golf course and behind Cape Cod Community College (conservation land). He adds that there could be potential for conflict within the town relative to treated sewer water effluent disposal.

FY 18 Capital Project Update –

Projects Update -

- Mass DOT Rte. 28 / Bearses Way Project, progress – Keijser reports that this is completed with the exception of two hydrants.
- Mass DOT Rte. 28 / Yarmouth Road Project update – Keijser reports that scheduled for construction in year 2020. He adds that the brick building on the corner (currently occupied by KAM Appliance) will be taken by eminent domain.
- Mary Dunn, gas conversion, update – Keijser reports this is completed.
- Straightway 1 well reactivation, update – Keijser reports this is out to bid.
- New sources study, Phase 1 report, Update – *discussed above*.
- Mary Dunn 4, replacement well construction, Weston & Sampson, Update – Keijser reports that this will be bid out in two sections; well construction and well building. He adds that bidding in two sections will save money.
- Maher Treatment Plant, treatment for PFOS/PFOA, 1, 4 Dioxane and Manganese & Iron, update – Keijser states that a supplemental appropriation is being read in at this Thursday's Town Council meeting and will go for a July public hearing and vote by the Town Council.
- Mary Dunn #1 water storage tank, roof replacement and appurtenant work, under construction, Update – Keijser informs the board that the roof and site work is completed.
- Mary Dunn #2 pipe replacement and drainage work, under construction, update – Keijser informs the board that the pipe replacement and drainage is completed. He adds that they are waiting on NSTAR for the electrical pole, and then the gate and fence will be done.
- Design of Cleaning & Lining job on East Main Street, Update – Keijser reports that the bids came in and Biszko was the lowest bidder.

Matters not reasonably anticipated by the chair – Keijser distributed an updated contact list for the board. He also shared that a \$40,343.00 SRF (State Revolving Fund) principal forgiveness had been awarded.

Meeting was adjourned at 4:19 PM.

Respectfully submitted,

Marcia Sellitto

DPW, Water Supply Division –Administrative Assistant

Materials presented at meeting:

- Meeting Agenda June 19, 2018 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- Meeting Minutes for approval 5/15/18 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- H.W.B. Monthly Reports, May 2018 (*presented by:* Suez Water)
- FY '18 Pumping Projection spreadsheets, dated 6/14/2018 (*presented by:* Hans Keijser)
- Billed and Received Revenue Projection spreadsheets, dated 6/14/2018 (*presented by:* Hans Keijser)
- Copy of email from DEP, dated 6/11/18 (*presented by:* Hans Keijser)
- Copy of letter from DEP to Barnstable County, dated 6/1/18 (*presented by:* Hans Keijser)
- Copy of letter from DEP to Barnstable Municipal Airport, dated 6/1/18 (*presented by:* Hans Keijser)
- Copy of email from Jack Yunits RE: BFTA, dated 5/25/18 (*presented by:* Hans Keijser)
- Copy of presentation of Shipboard Firefighting by BFTA, dated 2/13/18 (*presented by:* Hans Keijser)
- Copy of Principal Forgiveness sheet from MA Clean Water Trust Series 21 Financing (*presented by:* Hans Keijser)
- Copy of updated contact list, dated 6/13/18 (*presented by:* Hans Keijser)
- Newspaper clippings (*presented by:* Hans Keijser)