

A meeting of the Town of Barnstable's Hyannis Water Board was held on April 16, 2019 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 Mark Sexton.

Staff present: Hans Keijser, Supervisor, Water Supply Division; Dale Saad, Senior Projects Manager; and Jim Crocker, Town Council President.

Also present: Mike Leahy from Suez Water, Steve Seymour, Sue Phelan; Green Cape, Alan Feltham, Deb Krau residents; Geoff Spillane, Cape Cod Times; and Cheryl Osimo, Silent Spring Institute/ Mass Breast Cancer Coalition.

A quorum being present, Chair O'Neil called the meeting to order at 3:05 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 3/19/19 meeting minutes.

**VOTE: Unanimous in favor. The 3/19/19 meeting minutes are approved.**

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TOWN CLERK

#### Operations Report –

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

- Service line on 99 Ridgewood Ave was replaced due to a low pressure issue
- Curb box at 761 Pitchers Way was replaced to prepare for collection issues. He noted that the process of communication involves a curb-box check when a second door hanger is issued in case a service shutoff is required
- As a result of work at the Cape Cod Mall, the contractor damaged a 2" water line, and was billed for its repair.
- Service line at for #75 1<sup>st</sup> Avenue was leaking at the intersection with Pine Way. Excavation determined the line was in poor condition and leaking at the connection with the 6" main; it was replaced to the curb stop.
- Contractor working on the Sea Street project damaged a water main; Suez crews performed a shut-down while the contractor made repairs.

Leahy reports that a lightning storm on 3/15 hit the Mary Dunn Tank site, resulting in disabled security gates, the Airport well transformer was blown, and the control boards at the Maher Treatment plant for the Yarmouth Interconnect actuator valve, flow meter, and Maher in-flow meters were fired. Suez crews replaced the control boards and sub-contractors were called in for the gate repairs and transformer replacement.

He adds that their operators are in high demand and being recruited by other water systems. Working with their corporate office, they were able to identify a good fit and the new- hire will begin next week.

O'Neil comments about revenue, Keijser responds that they are proceeding with shut-offs for customers with delinquent large bills who refuse to pay or refuse to respond to communications relative to their delinquency.

Proposed rates for FY 2020, update – It is stated that the town manager has approved the rate recommendation for FY20 that was discussed by the board and forwarded to the town manager.

DEP is planning to lower the PFAS standard to 20 ppt/ 6 compounds; impacts & action plan:

Keijser reports that a meeting with the DEP indicated an imminent decrease from a 70ppt to 20 ppt limit for 6 PFAS compounds, together not to exceed 20ppt. The action plan discussed involves contacting the COMM and Yarmouth water departments for help with more water quantity. COMM has agreed to supply 500gpm, and Yarmouth has agreed to 750gpm. The Simmons pond Well, which was close to 70ppt, and the HyPort wells were shut down last week. The Straightway Tank was shut down and drained. Suez flushed the area in order to draw water from Maher and Mary Dunn.

Samples will be delivered tomorrow to a local lab in New Haven with quick turnaround regarding distribution system results. He adds that it is not known when exactly the DEP will announce the new lower concentration levels, but they are trying to position the water system by maximizing efforts to get below the 20ppt.

Keijser notes that the Hospital has already switched over to the Yarmouth Water System, and that Suez is on board to cooperate with issues for customer impact. Keijser notes that infants and pregnant and nursing women are the most concerning population. If results are not less than 20ppt, then they will see to a bottle distribution system different than last time, and are considering a kind of reimbursement for these target groups or credits on their bills.

Keijser reported that Mary Dunn 1, 2, and 3, Airport and Maher wells are all running, and that the interconnection with Yarmouth will be starting in a few weeks. Straightway #1 well tomorrow or Thursday will be running as part of the well reactivation efforts, which was begun 2-3 years ago with the second PFOS issue.

He adds that an appropriation is before town council for preliminary design work in the Straightway area and to see if treatment should be added on the Airport well, which has much iron, to optimize quality. The new source alternatives evaluation report is to be published online as soon as possible and will be reviewed at the next board meeting with a presentation by the consultant.

O'Neil mentions that a percentage of tax revenue from Air B&Bs is dedicated for funding sewer installation, and suggests that the board requests some of those funds be apportioned to water supply to cover the cost of the new filtration plants. He remarks that alternative revenue requests should go through the Town Council.

O'Neil commended the Water System and Suez for pro-active efforts. Keijser responded that the sample results will be shared, and added that several other Massachusetts towns are experiencing similar issues and asking Hyannis for help in responding to the lower limits.

O'Neil comments that a lot of water quality labs are not able to test for accuracy; Sexton asks what the procedure is if the new standards are not met. Keijser responds that a health advisory will be communicated, customers will be notified, and more water will need to be supplemented by interconnections, additional wells, and treatment and filtration on existing wells. Three wells already have carbon filtration, and Maher filtration project will go out to bid in a few weeks, but with the lower levels, carbon filtration vessels are in high demand.

O'Neil remarks that accelerated well exploration means drilling will take place this summer and that the Town Manager is trying to work with DEP to accelerate a 3-5 year program into a 2-3 year program in order to get new wells operational.

State of water supply conservation, discussion & vote-

O'Neil notes that water conservation is voluntary and that the board has no means of enforcement. A motion was made and seconded to approve water supply conservation.

**VOTE: Unanimous in favor. A State of Water Supply Conservation is declared.**

Dale Saad, SRF projects, update-

Saad comments that two projects are in process with MA DEP. The first is for Emergency funds for the Mary Dunn 4 well reactivation project. The project is allowed to be bid, and some requirements have been waived because of prior work.

The second is for the Maher Filtration Plant to go out to bid. This is a restricted package and needs to be finished before the project goes out to bid. The construction contract needs to be signed by June 28<sup>th</sup>. An extension is allowed to be asked for if it is agreed to be financed without principal forgiveness, which would come to about a \$300,000 loss. Saad notes that the project is being finalized through collaborative efforts with the DEP and other town departments.

Review capital for FY20, update-

Keijser notes that at the last Town Council Hearing, many CIPS were approved, but the Hyannis Water items were postponed to the 25<sup>th</sup> for voting and discussion. These projects include: Pipe replacement funding for the Main Street Cleaning & Lining job, phase 2, from School Street to the Yarmouth town line. A \$200,000 treatment plant upgrade for roofs and emergency generators; a valve maintenance trailer to increase safety and save money; and monies for preliminary design for treatment plants, including construction cost options and timelines.

Capital project updates:

MassDOT Rt28/ Yarmouth Road Project, update- Keijser reports that a public hearing was held and Hyannis Water is in cooperation to do a lot of water main replacement work in that intersection at the same time. He adds that the railroad will be increased to four tracks from the current two. He adds that benefits of this project will be an extended water main across the airport and increased pressure and flow around the intersection, including improvement in the Ferndoc triangle area of currently deficient flow. He noted that the downside of this project is that it is projected to take about three years.

Straightway 1 reactivation, update- is set to begin tomorrow

Mary Dunn #2 pipe replacement and drainage work, under construction update- Keijser announces that all that remains is electrical and security work and the finished paving should be done in May.

Cleaning and lining job on Main Street East, Phase 1, construction update- Keijser reports that this part of the project should be completed in early May.

New source alternatives evaluation report, update- Keijser reports that a meeting will be held in May in the Selectmen's conference room and will be posted on the website in a few days, with an executive summary of the report. In the back of the report will be timeline and monies information, about 36-40 million dollars over 20-25 years. O'Neil and Keijser discuss the cost of filtration at 12-14 million dollars, and 1-2 million dollars for each new well. The water quality in the test wells will need to be evaluated, and treatment will need to be added for pH, chlorine, as well as for iron and manganese. All possible sources are included in the report. Sexton asks if Yarmouth is having any

similar issues; Keijser responds that Yarmouth has a greater number of wells to draw from, and O'Neil comments that there is also more protected land around their wells than in Hyannis.

Matters not reasonably anticipated by the chair-

Feltham asks about the status of the Fire Training Academy. O'Neil explains that the Hyannis Water Board efforts have been to shut down the facility and have communicated this to the Town Manager. All further issues need to be addressed directly to the Town Manager and DPW Director as the Water Board is only an advisory board. Feltham notes that the public has received a lot of push back from the County who is looking at increased use of the property as a source of revenue.

Krau notes that construction of a temporary structure, called self- contained instrumentation and not classified as a building, is suggested to be constructed between May and October. She notes concerns that the public is interested in moving the facility to Joint Base Cape Cod, and if construction begins on the site in Hyannis, the County will be reluctant to relocate. Sexton, O'Neil, and Feltham discussed the option of the Fire Academy in Stowe and the use of the one in Hyannis, noting the intention of full-time vs part-time/on call departments.

O'Neil suggests issues with the permitting of the self- contained structure with the building department could be a means of slowing progress of that project. Seymour mentions conservation impact should be considered; Krau adds that new equipment will drain water and add to the contamination infiltration.

Crocker mentions that the Town is committed and that further progress is being made more than is publicized. He adds that the Town has been trying to stay ahead of the issues and, as an example, was looking into filtration when issues first arose, and tends to it as work in progress.

Meeting was adjourned at 4:00 PM.

*Respectfully submitted,*

*Samantha Santos*  
*DPW, Water Pollution Control Division*

Materials presented at meeting:

- Meeting Agenda April 16, 2019 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- Meeting Minutes for approval 3/19/19 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- H.W.B. Monthly Reports, March 2019 (*presented by:* Suez Water)
- FY '19 Pumping Projection spreadsheets, dated 4/12/2019 (*presented by:* Hans Keijser)
- Copy of letter, Water Supply Division's Emerging Contaminants Action Plan dated: 04/10/2019 (*presented by:* Hans Keijser)
- State of Water Supply Conservation dated: 04/16/2019(*presented by:* Hans Keijser)
- Copy of Water Quality Report 2018 Hyannis Water System improvements dated: 04/09/2019 (*presented by:* Hans Keijser)
- Newspaper clippings (*presented by:* Hans Keijser)
- Copy of: New Sources Alternatives Evaluation Report March 2019 (*presented by:* Hans Keijser)