

2015 APR 15 AM10:00

A meeting of the Town of Barnstable's Hyannis Water Board was held on March 10, 2015 at 3:15 PM in the Growth Management Conference Room, 367 Main St, 3<sup>rd</sup> Floor, Hyannis, MA.

In attendance were: Steve O'Neil, David Wood, Deb Krau, and Tom Holmes.

Staff present: Hans Keijser, Supervisor, Water Supply Division, and Dale Saad, Ph.D., Senior Project Manager, Water, Sewer, and Green Energy.

Also present were: Mark Lavoie and John Marcin from United Water.

A quorum being present, Chair O'Neil called the meeting to order at 3:20 PM.

A motion was made and seconded to approve the agenda.

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

A motion was made to approve the 2/10/15 meeting minutes.

**VOTE: Unanimous in favor. The 2/10/15 meeting minutes are approved.**

Operations Report- Lavoie reports that the Mary Dunn 1 Storage Tank is now online. The Mary Dunn Storage Tank #1 coating is cured and all set. The staff has done a good job with the snow storms, maintaining safety and reporting no injuries.

Lavoie reports there is a new challenge regarding the Massachusetts Office of Research and Standards Guidelines (ORSG) limit for manganese. Samples taken from the Straightway Well are composites that include Simmons Pond and Hyannis Port. A sample taken for the Department of Environmental Protection (DEP) was over the new limit of 0.30 parts per million. A second sample came back over the limit as well. Lavoie mentions they are working with variable rate pumping to limit the Straightway contribution to the sample. A third sample was taken last week with results expected next week; the board will be notified of results. Keijser explains that having the pump stations and tank together on one site make it so that pumping and flow rates can be adjusted.

Pantonite is a short term solution that involves thoroughly cleaning the well to maximize the flow of water from Straightway without exceeding the ORSG limit. Long term solutions include a filtering treatment plant (\$3-6M) or a new well (\$2M). Keijser states if the most recent samples come back over the ORSG limit, at peak season there may need to be support from neighboring water systems. He mentioned that he had already spoken with the Yarmouth Water System and the superintendent from Centerville-Osterville-Marstons Mills water department, who are able and willing to provide support, if necessary.

In the Mary Dunn area, an engineering firm is designing the manifold discussed at last month's meeting and the actual work will begin sometime in April. Keijser reports no news from the County regarding the perfluorooctane sulfonate (PFOS) issue. Environmental Partners Group is designing a temporary water service that would run from Yarmouth to the Maher Treatment Plant, to supplement and help dilute the well water.

Lavoie mentions the collaborated effort between town DPW workers, Hyannis Fire Department, and United Water in digging out hydrants from the snow piles. Wood asks if any employee works a 24-hour shift during emergencies. Lavoie responds no, that employees instead work varying shifts to ensure 24-hour coverage.

Keijser states Category 2 collections have decreased thanks to the tags and door hanger notices. Payment plans are in effect to continue paying off the debt. Keijser notes that the majority of the past due accounts are active, and that shut-offs are happening mostly at abandoned properties.

Marcin states this Thursday, United Water and Suez Environment will unveil a name change. He says the rebranding is due to an effort to make the company more internationally united. He states that it will be a gradual transition

Mary Dunn and Barnstable County Fire Training Academy- Keijser report no news from Town Hall or Barnstable County concerning the Fire Academy. He states the plan is to proceed with a manifold to dilute and blend the Mary Dunn 1 and 2 well water with other wells, so both wells can be used full time and at full capacity. O'Neil adds that portable carbon filters as a temporary treatment option at these wells are being designed.

Rate Hearing FY16 UPDATE (handout given) - Keijser notes that rates were approved by the Town Manager.

Airport Lease UPDATE- Keijser reported that the DPW Director Santos had a conversation with Airport Manager Breault. O'Neil and Krau mention their desire to meet with the town attorney and the need for a legal advocate. The appraisal is complete and the next step is to determine a fair market value that everybody can agree on.

Dale Saad project update- Saad reports that there are three new projects planned for this year.

1. Scudder Ave 12" Water Main Improvements- This is a pipe replacement project. Bids came in February 25, with Dig It Construction of South Dennis as the lowest bidder. Contracts are in progress. The project will begin this spring, put on hold for the summer, and resume in the fall until finished.
2. Main Street / Sherman Square Water Line replacement – This is a pipe replacement project. Bids came in February 25, again with Dig It Construction as the lowest bidder. Contracts are in progress. Valve work for this project will begin in the spring; the remainder of the project will begin after Labor Day.
3. Maher Water Treatment Plant Air Stripping Tower Rehabilitation- the bid advertisement was amended and the bid date pushed back due to SRF requirements. The bids will close March 12.

Hans updates

Operations, flushing program development- Keijser notes the ten-week long flushing program is to start in the spring. He mentions there have been issues in the past completing the work within this time frame. The contract with United Water requires flushing of the whole system. Keijser also notes potential DPW issues with street flooding and safety concerns.

UCMR3, test results, update- Keijser states raw water samples were taken from the Maher wells, Straightway, Simmons Pond and Hyannis Port.

Electric vehicle for water project manager- Keijser reports that a new, 2015 Nissan Leaf was delivered last week. It is a completely electric vehicle, leased for three years. The Water Supply Division received \$15,000 in grants to help pay for the car, resulting in a cost of only \$122 per month by the Department. There will also be a charging station installed at no cost at the water division office parking lot. The Board offers thanks to Richard Elrick, Energy Coordinator, for his involvement. Keijser notes that the Assessor's Department also received a Nissan Leaf with similar conditions.

Keijser adds that the Junior Engineer position is still awaiting approval by the personnel board. The red truck will be assigned to that position, once approved and filled.

SCADA testing, result findings- Keijser states that Woodard and Curran, a Rhode Island engineering firm, was hired to check out the SCADA system. They provided a list and plan for improvements. Keijser mentions the radio

controls and communication system currently operate but take about four minutes to run through the whole system, which is too long and need fixing. He notes that because the system would have to operate in pressure mode for an extended period of time, the 16" cleaning and lining job phase along Mary Dunn Road will be postponed until the SCADA system is improved.

Energy alternatives, efficiency implementation- Keijser states there are variable frequency drives (VFDs) needed for motor controls at Maher, Mary Dunn, and Airport pump stations. He notes there will be a meeting with RISE Energy, Cape Light Compact to ask for funds for these and the air stripper project, as well as pump downsizing at Simmons Pond and Maher.

Keijser notes the Town Council Public Hearing for Capital Improvement Projects will be held either April 2 or 16.

Meeting was adjourned at 4:39 PM.

Respectfully Submitted,  
*Samantha Santos*  
Town of Barnstable, DPW  
Water Supply Division

Materials presented at meeting:

- Meeting Agenda March 10, 2015 (presented by: T.O.B.-DPW, Water Supply Div.)
- Meeting Minutes for Approval 2/10/15 (presented by: T.O.B.-DPW, Water Supply Div.)
- H.W.B. Monthly Report, February 2015 (presented by: United Water)
- FY15 Pumping Projection spreadsheet, dated 03/06/15 (presented by: Hans Keijser)
- FY15 Billed and Received Revenue Projection spreadsheets, dated 03/06/15 (presented by: Hans Keijser)
- Copy of letter from Tom Lynch RE: FY 2016 Hyannis Water System Rates, dated 2/17/15 (presented by: Hans Keijser)
- Newspaper clippings (presented by: Hans Keijser)