

A meeting of the Town of Barnstable's Hyannis Water Board was held on July 14, 2015 at 3:15 PM in the Growth Management Conference Room, 367 Main Street, 3rd Floor, Hyannis, MA.

In attendance were: Steve O'Neil, David Wood, Tom Holmes, and Jonathan Jaxtimer.

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

Also present: Mark Lavoie 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.

O'Neil mentions that the MOU was accepted but not signed, and will follow up at next month's meeting.

A motion was made and seconded to approve the 6/15 meeting minutes.

VOTE: Unanimous in favor. The 6/15 meeting minutes are approved.

Operations Report – Lavoie reports that the Mary Dunn equipment- two carbon units each at two wells- plan to go online this afternoon or tomorrow morning. He is looking forward to getting the water into the system. O'Neil asks how to change the carbon, when it's needed; Lavoie describes the process to operate the valves between the two units which will allow water to flush into super sacks- bags designed to retain the carbon but let water through. The bags are taken away by truck and new carbon is pumped into the units. He adds that the fence installation is complete at Straightway, but the gate still needs to be installed.

Lavoie reports that valve exercising is expected to be completed by the end of August, and meter changes are expected to be completed by the end of September. All other deliverables are on schedule or have already been completed. Wood mentions that he had seen United Water painting hydrants on a Sunday, and Lavoie says that overtime is being offered to meet deadlines. He adds that next month, there will be a change in the format of the collections reports, as this information will be automated.

Wood asks about the online e-payment system, Keijser replies that there is a website software change in progress to be able to pay bills or access accounts through a mobile app. He adds that communication with MCC will take place to simplify payment systems.

O'Neil mentions there is an increase in revenues billed and received; Lavoie states that the increase is due to system development charges. Bed Bath Beyond installed an 8" fire sprinkler service to their new location in the Southwind Plaza, and the Barnstable School's Early Learning Center paid their bill in full and a meter has been installed.

Keijser adds that Ethan Allen is moving to a brand new location behind Whole Foods and will need to install both domestic and fire sprinkler services. O'Neil adds that Chik-fil-A is building at the Cape Cod Mall's extended employee parking behind the Suits You Swim-wear on Iyannough Road.

Keijser follows up that pumping has been better than expected and the 7-year decline is coming to an end.

Board Reorganization-

O'Neil reports that without Krau, the board has one position open to be filled by a resident rate-payer. Anyone interested must write a letter to the Town Manager expressing their interest. Wood mentions that he knows one person of interest and will send their information to Chair O'Neil to follow up.

O'Neil adds that he would like to see several applicants. Officers are needed for this fiscal year; O'Neil asks the board for recommendations.

O'Neil is nominated for Chair; nomination is seconded

VOTE: Unanimous in favor, O'Neil is voted to be the Chair.

Wood is nominated for Vice-chair; nomination is seconded.

VOTE: Unanimous in favor, Wood is voted to be the Vice-chair

Councilor assignments-

Jaxtimer is assigned to Jen Cullum; O'Neil is assigned to Eric R. Steinhilber and Debra Dagwan; Wood is assigned to Council Vice President Ann Canedy; and Holmes is assigned to Paul Hebert and James Tinsley.

UCMR3, update on Hyannis Water System action Plan –

Yarmouth interconnect for the Maher Treatment Plant –

Keijser mentions that on Monday July 13th, the access agreement from the Mill Pond Village was signed; copies with the Town Manager's signature were sent to Yarmouth and are awaiting signatures by the Yarmouth selectmen. These are expected within the next week and installation will be scheduled soon to be operational in about three weeks, by early August. O'Neil mentions that so far the Hyannis Water System is getting by well without the additional water. Keijser reports that they have been relying heavily on the Airport well to make it through high demand. Mary Dunn will add to the water supply when the Carbon filters are operational today or early tomorrow.

Keijser adds there is one issue with the Department of Environmental Protection (DEP) letter that now requires mandatory water conservation measures. He would like to request to eliminate that requirement because the purpose of the interconnection is for water quality not quantity.

O'Neil mentions that this is new information and that this is troublesome.

Mary Dunn Wells, Barnstable County Fire Academy, Manifold and activated carbon filters-

Keijser reports that the manifold is in place and operational, the water is blended before it enters the distribution system. Mary Dunn 1 is operational. The carbon filters at Mary Dunn 2 were re-chlorinated due to a positive coliform test. Another test was done and it possible 1-2 days before they are expected to be operational. Both Mary Dunn 1 and 2 are expected to be operational 24/7 until late October or early November.

A newspaper report regarding the Barnstable County Fire Training Academy states that their groundwater cleanup recovery program will start soon. This will involve pumping groundwater, filtering it through activated carbon, and releasing it back to the ground when clean. He adds that a White Paper (enclosed) has been drafted and sent to the County identifying the PFOS issue, why the Town needs to be reimbursed for the treatment expenses and the request to close and relocate the fire training facility.

A Memorandum of Understanding (MOU) is being drafted by the Town of Barnstable as a blueprint for reimbursements and clean-up schedule. The Board is to be kept informed.

Operations budget-

Town Council vote approved on Thursday, June 18, 2015- Keijser reports that the Town Council voted on Department of Public Works (DPW) budgets division by division. A unanimous vote approved the Water Supply Division budget, including some monies for the purchase of water from the Town of Yarmouth.

Straightway fence construction, beautification effort- Keijser reports that various neighbors to the Straightway facility have complained about the newly constructed fence. He will work with them to create a landscape plan to hide the fence and make the appearance more acceptable. Wood asks that he be contacted if the neighbors are still not happy with the results. Keijser mentions the new fence is much safer, though not attractive. He also adds that the sliding gate and controls still need to be installed.

Fall projects-

Keijser reports the Main Street water main replacement project will resume after Labor Day, from Sea Street to the West End Rotary. There will be one lane open to vehicle traffic, and that pedestrian traffic will be impacted. Wood asks how long businesses will be without water during the project. Keijser replies that individual water services will be affected for a few hours at a time. The whole project will take several weeks, depending on the contractor's progress. The project is expected to be completed by Thanksgiving.

First, the water main will be laid, water will be tested, chlorinated, disinfected, flushed, and connected. Second, services will be switched over from the old water main to the new one. Final paving will occur next spring.

The Scudder Ave project will resume from Scudder Ave along Craigville Beach Rd and begin after Labor Day. O'Neil mentions the rock that remains from the first part of the project, Keijser notes that that is the responsibility of the contractor to remove. He adds that there are several issues associated with the new part of the job including swampy areas, dewatering, and that temporary water services above ground require the job to be completed before snow falls.

The 16" cleaning and lining project of Sea St will go from Main Street to South Street and from Gosnold Street, over Stewart's Creek, to Ocean Ave and eventually to Hyannis Avenue. Wood mentions an old barn, and if properties will be charged for new connections. Keijser answers that properties will only be affected if tied into the water main and will not need to pay for connections.

Keijser adds that the Maher Air Stripper will be upgraded during the wintertime.

Projects in design-

An engineering report regarding future interconnections with Yarmouth and Centerville-Osterville-Marstons Mills Water Districts is being reviewed, and when completed, will be shared with the Board.

An engineering report is expected soon regarding the Mary Dunn 1 Water Storage Tank wooden roof (circa 1911) replacement with something more substantial. The report will also include cost in today's dollars for CIP funds to replace the ladder, overflow, and repair the foundation and some site work. Mary Dunn 2 water storage tank repainting project- capital is on hand, but an acceptable cost estimate is still needed, along with bidding process and final design.

Bearse's Way and Route 28 Department of Transportation job from the Airport Rotary to Uncle Joe's Way beyond the DPW Highway Department, and also a small segment north and south of the Bearse's Way intersection. This project will also include water main upgrades and is expected to start in the Spring of 2016.

An RFP is needed to be developed for the Barnstable Road upgrade which will include, water, sewer, drainage, road rehabilitation and the input of the Growth Management Department.

Preliminary Review of Capital Projects for FY17-

Keijser mentions the pipe replacement program is being planned for the 1.05 M and that the well and treatment plant upgrades project will be planned for the same amount as last year, \$200,000. Design money for the Mary Dunn 1 Water Storage Tank is yet to be decided. He adds that a permanent connection with the Town of Yarmouth water supply is being considered. O'Neil asks if that means all the previous actions are null and void; Keijser replies that permanent connections will need to include meters, new locations and buildings. Currently pipes are shared with a valve that could result in dirty water situations for both supplies. Yarmouth is connected at Main Street and at Hyannis Marina. Centerville-Osterville-Marstons Mills (C-O-MM) connections are at Phinney's Lane (hydrant to hydrant connection) and at the intersection of Old Craigville Beach Road and Old Town Road. He adds that several considerations need to be made regarding differences in flow, pressure, and chlorination or treatment.

Keijser mentions the Maher and Straightway Water Treatment Plants and the 1,4-dioxane issue. The interns and Steve Olson are researching treatment options and ideas for solutions. O'Neil asks about new wells, Keijser responds that new wells would take 7-10 years and there needs to be a solution now. He adds that he would like to work with the COMM water department. If a solution is found, the CIP process could be accelerated to develop designs, etc., as early as possible. O'Neil adds that this is a lot of forward thinking regarding the protection and provision of water.

Wood asks how the water was obtained one hundred years ago; Keijser responds that the Mary Dunn facility was operated by steam engine before the airport was around. Wood asks where water will be coming from in one hundred years, would desalinization ever be considered. Keijser responds that the desalinization process is too costly and there is still some open land available. He adds that the separate fire and water districts need to communicate with each other to face the major challenges of water supply and source pumping. He says that drinking water should be the first priority and located at the higher elevations of the Cape along Route 6, sewer leaching facilities should be downstream from that towards the coast, as a second priority, and estuaries will need to be dealt with as properly as well. He adds that town line boundaries are not effective for these issues and that zoning laws should be enforced.

Meeting was adjourned at 4:33 PM.

Respectfully submitted,

Samantha Santos

DPW, Water Supply Division – Temporary Administrative Assistant

Materials presented at meeting:

- Meeting Agenda July 14, 2015 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- Meeting Minutes for approval 6/09/15 (*presented by:* T.O.B.-DPW, Water Supply Div.)
- H.W.B. Monthly Report, June 2015 (*presented by:* United Water)
- FY '15 Pumping and Revenue Projection spreadsheets, dated 07/10/2015 (*presented by:* Hans Keijser)
- Billed and Received Revenue Projection spreadsheets, dated 07/10/2015 (*presented by:* Hans Keijser)
- Copy of the White Paper on Contamination of Mary Dun Wells, dated 06/23/2015 (*presented by:* Hans Keijser)
- Copy of the Approved Water Usage Rates for July 1, 2015- June 30, 2015 (*presented by:* Hans Keijser)
- Copy of the Approved Hyannis Water System Service Fees for fiscal year 2016 (*presented by:* Hans Keijser)
- Newspaper clippings (*presented by:* Hans Keijser)

