

Water Supply District of Acton

693 MASSACHUSETTS AVENUE
P.O. BOX 953
ACTON, MASSACHUSETTS 01720

TELEPHONE (978) 263-9107

FAX (978) 264-0148

AMENDED FINAL MINUTES

Board of Water Commissioners
Meeting Minutes
693 Massachusetts Avenue, Acton MA
Monday, March 26, 2018

A. Comments from Citizens

B. Approve Minutes of March 12th Meeting

C. OLD BUSINESS:

1. Update from Town of Acton Board of Selectmen's Meeting on Monday, 3/19
 - DRAFT Article 26 on the Town Meeting Warrant for "Great Road Water Supply" and Inter-Municipal Agreement (IMA) between the Towns of Acton and Concord related to the supply of water on Great Road/Route 2A in Acton

D. NEW BUSINESS:

1. The Water District's Role in Development in Acton.
2. Kelly's Corner (Intersection of Routes 2, 111 & 27) improvement project by the Town of Acton and MA Department of Transportation (DOT).
 - Project is currently at the 25% design phase
 - Proposed water infrastructure improvements related to the roadway improvements projected to bid in 2021
3. Spring Water Main Flushing in Acton Center and East Acton Beginning on Monday, 4/9.

Present at Tonight's Meeting:

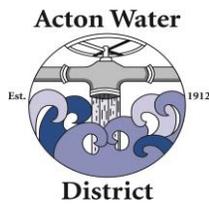
Commissioners: Ronald Parenti, Leonard Phillips (Chairman), Stephen Stuntz
District Manager: Chris Allen
District Treasurer: Mary Jo Bates
District Counsel: Mary Bassett
Environmental Manager: Matthew Mostoller
Commissioners Secretary: Lynn Protasowicki
Finance Committee: Charles Bradley
District Moderator: Dick O'Brien
WLMAC: Barry Rosen

Acton Citizens:

Erika Amir-Lin, 534 Old Stone Brook
Robert Sekular, Parkland Lane
Tarik Pekin, 53 Skyline Drive
Kim Kastens, 294 Parker Road
Lucy Kirshner, 35 Parker Street

Town of Acton Special Counsel: Jeff Roelofs

Town of Acton Selectman: Janet Adachi & Joan Gardner



Water Supply District of Acton

693 MASSACHUSETTS AVENUE
P.O. BOX 953
ACTON, MASSACHUSETTS 01720

TELEPHONE (978) 263-9107

FAX (978) 264-0148

The Board of Water Commissioners meeting was called to order at 7:30 PM on Monday, March 26, 2018 at the Acton Water District office by Mr. Phillips.

A. Comments from Citizens.

Dr. Kastens, mentioned to the Board that in the Massachusetts Water Conservation Standards document there is a case study that talks about the Town of Acton's water neutral growth initiatives. Dr. Kastens thanked Mr. Phillips on his wonderful presentation at the Board of Selectmen's meeting last Monday night, 3/19, regarding the current and future water resources for Acton.

B. Approve Minutes of March 12th meeting

Mr. Stuntz moved to accept the minutes of March 12th. Mr. Parenti seconded and it was unanimously approved.

C. OLD BUSINESS:

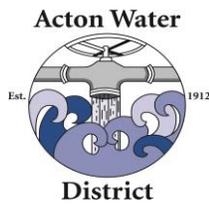
1. Update from Town of Acton Board of Selectmen's Meeting on Monday, 3/19

- DRAFT Article 26 on the Town Meeting Warrant for "Great Road Water Supply" and Inter-Municipal Agreement (IMA) between the Towns of Acton and Concord related to the supply of water on Great Road/Route 2A in Acton

Mr. Phillips stated that he and Mr. Parenti attended the Town of Acton Board of Selectmen's meeting on Monday, 3/19. Mr. Phillips presented on behalf of the District giving an overview of the history with the Town of Concord and read the statement as approved on 3/12/18 at the Board of Commissioners meeting. He stated that the Town of Acton has been asked to work with the Town of Concord to settle out of court and the approved Inter Municipal Water Supply Agreement is a positive step in that direction. He mentioned that the Acton Water Supply District is not party to this Inter Municipal Water Supply Agreement so is not bound by the Agreement. He said it's important to note that in the Agreement there is a Footnote regarding Section 10 of the 1884 Act, "nothing shall prevent the Town of Acton nor Littleton from taking the water of Nagog Pond should these towns not be able to supply water."

Mr. Stuntz mentioned that some time ago the Town of Acton Selectmen asked for our comments regarding Nagog Pond. He stated that they covered three areas in those comments including: continuation of supplying water and expansion needs therein of RT 2A; immediate need for emergency hookups; and the importance of creating an Inter Municipal Water Supply Agreement related to regionalization of the supply. He believes that this Inter Municipal Water Supply Agreement is good for all parties involved.

Mr. Parenti has concerns about specific statement of 20-25 year term. He states that it is hard to project out 20-25 years. He does support the Town of Acton's effort with this Article and having a treatment plant in place. He asked Town Counsel Jeff Roelofs if this statement can be modified. Counsel Roelofs stated that they would not be able to modify the clause before town meeting, it would require votes and with the timing it just can't happen. Mr. Roelofs stated that he wanted to attend tonight's meeting to clarify the intent of the Inter Municipal Water Supply Agreement. He stated that Concord would have the option of terminating its obligation under the Agreement if, among other triggering events, legislation is introduced that would authorize Acton to withdraw from Nagog Pond or constrain Concord's rights to withdraw from Nagog Pond. The one-year notice period was carefully written (it's not a construction deadline) to give the parties a year to engage in discussion and figure out what they need to do in this area. This Inter Municipal Water Supply Agreement is a step forward in positive measures and is more than what there is now.



Water Supply District of Acton

693 MASSACHUSETTS AVENUE
P.O. BOX 953
ACTON, MASSACHUSETTS 01720

TELEPHONE (978) 263-9107

FAX (978) 264-0148

Dr. Kastens asked for clarification regarding the “termination option and triggering events” in the Agreement. Counselor Roelofs states that in the document they are making commitment and can only terminate if an event is triggered. Counselor Bassett agreed with Atty. Roelofs interpretation of the termination clause that its purpose is to the Agreement.

Mr. Parenti states that the Article is a good attempt at moving towards a positive resolution. He is in support of the Article however he has concerns about the sentence, “Concord is willing to commit to supplying water to existing and future customers along Route 2A for a 20 to 25 year term...” because the District has not planned that far out. The Commissioners need to make a statement at Town meeting. Mr. Phillips sees no reason to oppose Article 26.

Mr. Phillips moves that the Board of Water Commissioners support the Town of Acton’s Article 26: Non-Binding Resolution –Great Road Water Supply. Mr. Parenti seconded the motion and it was unanimously approved.

Old Business:

Dr. Parenti’s position paper on meter reading is live on the District web site.

D. NEW BUSINESS:

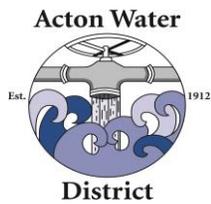
1. The Water District’s Role in Development in Acton.

Mr. Phillips stated that there has been growing communication between the District and Acton Board of Selectmen regarding the District’s role in the development of Acton. Recently, Mr. Phillips was asked questions that he couldn’t and wouldn’t answer regarding the supply and demand of water resources in Acton.

Mr. Mostoller cited Slide 8 of the November 20, 2017 presentation regarding additional water sources in Acton. There are at least five potential water sources that the District could potentially tap into. Utilizing existing sources, it could potentially bring an additional 400K gallons of water supply to the Town. When additional water is needed, the sources may include: Assabet #3, Conant II Well field; the Marshall/Kennedy Well field; the Flannery O’Toole property in West Acton that has test wells, but was never developed; and there are several possible sites for bedrock sources of which the District is aware. There are also regional solutions including Nagog Pond, MWRA connection, and legislative water rights in Boxboro.

Mr. Allen stated that the residents in Acton are serious about conservation plus the District has placed a heavy burden on developers. Mr. Mostoller mentioned that it’s not just conservation but also efficiency measures. Through the Water Smart partnership it is estimated that we have reduced water use between 2-3%, much of this through early leak detection and intervention.

Dr. Kastens inquired about the Assabet #3 well and the net depleted sub-basin in which it is located. Is that a problem (climate resilience map) and what is the water quality of this well? Mr. Mostoller explained that the concept of net depleted came out of the SWMI (Sustainable Water Management Initiative) process; it’s not 100% clear how it might impact a new source or existing sources because the net depleted designation is only one factor in siting and approving new or expanded withdrawals. In regards to the Assabet #3 Well, Mr. Mostoller stated that the most recent water quality results are from the 2007 pump test as part of permitting the well. During the pump test, 1,4-Dioxane was measured at 0.56 parts per billion (ppb); we are currently trying to get pumped condition samples to better understand the water quality 10 years later and how it will fit into the 5



Water Supply District of Acton

693 MASSACHUSETTS AVENUE
P.O. BOX 953
ACTON, MASSACHUSETTS 01720

TELEPHONE (978) 263-9107

FAX (978) 264-0148

existing wells supplying the South Acton Treatment Plant. Currently we are relying on monitoring wells in the vicinity of Assabet #3 that are representative of static conditions.

Mr. Allen stated that the District Master Plan is still in review process and when finalized it will be published on the District's website.

2. Kelly's Corner (Intersection of Routes 2, 111 & 27) Improvement Project by the Town of Acton and MA Department of Transportation (MA DOT)

- Project is currently at the 25% design phase
- Proposed water infrastructure improvements related to the roadway improvements projected to bid in 2021

Enclosed in tonight's packets to the Commissioners is information regarding the Kelly's Corner improvement project by the Town of Acton and MA DOT. Mr. Allen provided a summary of this project for the Commissioners. The proposed project consists of roadway improvements, upgrades to pedestrian and bicycle safety and mobility to revitalize the area and make it like a village. Mr. Allen mentioned that the existing water supply pipes are old and multiple sizes from 6" cast iron, 8" asbestos concrete and 10" cast iron; some have "1912" embossed on them, and are original pipes from the year the District came into being. Historically, there have been frequent water main breaks in this area. He is proposing to replace all the pipes within the project area with a minimum of 12" class 52 cement lined ductile iron (material currently in the District's specifications). Since the water infrastructure improvements classify as "Non-participating work", and thus cost would be borne by the District, he is having Wright-Pierce, the District's Engineering Consultant, provide a proposal and cost estimate for this work. He stated that this project would go to bid in 2021 per MA DOT's letter and project scope. This coincides with the next timeframe for planned infrastructure improvements, as the Indian Village improvement short-term debt of \$1-million will be paid off in 2020.

3. Spring Water Main Flushing in Acton Center and East Acton Beginning on Monday, 4/9.

Enclosed in tonight's packets to the Commissioners is a notice to customers announcing the spring water main flushing in Acton center and East Acton which is to start on Monday, 4/9, and continued for the month of April, with the exception of Monday, April 16th, Patriots Day, flushing will be conducted Monday through Thursday from 8 AM to 8 PM. This notice will be published in the Acton Beacon and posted onto the District web site.

Mr. Phillips moved to adjourn the meeting at 10:15 PM and it was unanimously approved.