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TO: Executive Committee Members  
John Carroll  
Andrew Pappastergion  
Joseph Foti

FROM: Louis Taverna

DATE: September 1, 2016

RE: Executive Committee Meeting – Friday, September 9, 2016

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The next meeting of the Executive Committee will be held on Friday, September 9, 2016 at 8:30 a.m. at the Advisory Board's office at 100 First Avenue, Building 39 4<sup>th</sup> Floor, Charlestown, MA 02129. Free parking is available at the Flagship Wharf Garage, 197 8<sup>th</sup> Street, Charlestown, MA 02129. (Please note the time you get to the garage and let staff know the time when you get to the office.)

As is our September norm, Joe will be updating us on the office activities as well as teeing up FY17 challenges and priorities.

We also have two action items:

- Nomination and election of the FY17 Executive Committee
- Ashland's request for a fourth emergency water connection

If you are interested in remaining on the FY17 Executive Committee, and have yet to respond please contact Joe.

As you see there is a lot of information to share and discuss. Staff looks forward to seeing you on the September 9th.

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MWRA ADVISORY BOARD  
EXECUTIVE COMMITTEE  
SEPTEMBER 9, 2016  
AGENDA

- I. Office Update
- II. Nomination and election of the FY17 Executive Committee
- III. Action Item: To approve Ashland's request for a 4<sup>th</sup> emergency water supply connection to the MWRA's waterworks system via the town of Southborough for a six month period from August 22, 2016 to February 22, 2017. Ashland will abide by the rules stipulated under emergency water supply withdrawals (Policy #OP.05) including payment of 110% of the MWRA prevailing rate plus 110% of the annual asset value contribution (entrance fee equivalent) with interest for 15 years.
- IV. Teeing up FY17 Priorities and Challenges
- V. Advisory Board Workshop
- VI. Approval of the September 15 Advisory Board Meeting Agenda

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\*\*\*NOTICE\*\*\*

(PLEASE POST)

### MWRA Advisory Board Meeting

The next regular meeting of the MWRA Advisory Board will be held on Thursday, September 15, 2016 at 11:30 a.m. at the Samuel Hadley Public Service Building, 201 Bedford Street, Lexington, Mass. The proposed agenda for the meeting to be made final at an open meeting of the Executive Committee on September 9, 2016 8:30 a.m. at the Advisory Board office is on the back of this notice. Please contact Joseph Favaloro at the Advisory Board office no later than September 9, 2016 with any additional items for the final agenda.



**MWRA ADVISORY BOARD MEETING**  
**September 15, 2016**  
**Samuel Hadley Public Service Building**  
**201 Bedford Street, Lexington, Mass**  
**11:30 am**

**PROPOSED AGENDA<sup>1</sup>**

**A. Welcome**

**B. Presentation(s) Challenges ahead for FY17**

- MWRA Perspective: Fred Laskey, MWRA Executive Director
- Advisory Board Perspective: Joe Favaloro, Advisory Board Ex. Director

**C. Committee Reports**

**Executive Committee - Lou Taverna**

- Action Item: Nomination and Election of the FY17 Executive Committee
- Action Item: Ashland's request for a 4<sup>th</sup> emergency water connection  
To allow Ashland to activate a fourth emergency water supply connection to the MWRA waterworks system, via the town of Southborough, for a six month period with a start date of August 22, 2016 to February 22, 2017. Ashland will abide by the rules stipulated under emergency water supply withdrawals (Policy # OP.05) including payment of 110% of the MWRA prevailing rate plus 110% of the annual asset value contribution (entrance fee equivalent) amortized over fifteen years.
- WSCAC/WAC FY17 Priorities and Challenges
- Advisory Board Workshop

**Operations Committee - John Sanchez**

- Update

**Finance Committee - Bernard Cooper**

- Update

**D. Adjournment**

<sup>1</sup>This agenda will be made final at an open meeting of the Executive Committee on September 9, 2016 at 8:30 am in the Advisory Board Office. You may wish to attend the meeting or to contact the Advisory Board Executive Director prior to that date with any additional items for the final agenda.

Please note: The Advisory Board Meeting in September serves as a joint meeting with WSCAC and WAC.

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## PROPOSED FY17 EXECUTIVE COMMITTEE

Chair:	Lou Taverna, Newton
Vice Chair of Finance:	Bernie Cooper, Norwood
Vice Chair of Operations:	John G Sanchez, Burlington
Secretary:	Michael Rademacher, Arlington
Treasurer:	John P. Sullivan, Boston
At-Large:	Carol Antonelli, Wakefield John DeAmicis, Stoneham Robert King, Somerville Timothy MacDonald, Cambridge David Manugian, Bedford Jeremy Marsette, Natick Brendan O'Regan, Saugus Ralph Pecora, Lexington Nicholas Rystrom, Revere Walter Woods, Wellesley (2) Vacant



# ***Town of Ashland, Massachusetts***

***Department of Public Works  
20 Ponderosa Road, 01721-1191***

**Jennifer Ball, Ext. 7901**  
**Rajitha Purimetla, Jr. Engineer, Ext. 7961**  
**Roy M. Correia, General Foreman, Ext. 7964**

**Phone (508) 881-0120**  
**Fax (508) 881-0112**

September 2nd, 2016

Mr. Frederick Laskey  
Executive Director  
100 First Avenue, Building 39  
Charlestown, MA 02129  
AND  
Mr. Joseph Favalaro  
MWRA Advisory Board  
100 First Avenue,  
Boston, MA 02129

**Subject: Request for 6-month Approval for Emergency Water Supply Connection  
Town of Ashland**

Dear Mr. Laskey and Mr. Favalaro,

The Town of Ashland respectfully requests an emergency water supply connection to the MWRA waterworks system via the Town of Southborough for the 6-Month period coincident with the DEP's Declaration of water supply emergency between August 22, 2016 to February 22, 2017. This is due to lower than normal precipitation and low groundwater levels at the Town's wells.

The Town has taken a number of steps this season to lessen water consumption. On June 25th the Town entered a State of Water Supply Conservation Stage 1 per our Town Bylaw chapter 270. On August 2nd the Town entered a State of Water Supply Conservation Stage 2. The rainfall has been very minimal and the reservoir does not replenish without substantial precipitation. The water demand has been consistently between 1.6 to 1.2 MGD (Million Gallons per day) on average per month. We have instituted strict conservation measures through our town by-laws and have been enforcing them by citing penalties on violators.

Per the Massachusetts Department of Environmental Protection, the Energy and Environmental Affairs (EEA) has declared a drought warning status for the Town of Ashland as of August 1, 2016.

Here is the Town of Ashland's progress towards the MWRA Supplemental Connection:

- Town meeting in Spring 2015 voted to join the MWRA community.
- We have worked with the state agencies and MWRA and published a Draft Environmental Impact Report early this year.
- We have signed a design contract with PARE and peer review contract with Haley and Ward and working with the Town of Southborough towards a complete design for the construction of the connection and improvements in Southborough's pump station.
- The Intermunicipal Agreement between the Towns of Ashland and Southborough is under progress as well.

Next steps planned towards the Supplemental connection:

- Town meeting in November 2016 to present a warrant article to approve funds towards the construction costs. We currently have portion of the funds through grants etc.
- Resume work towards the Final Environmental Impact report.
- We have the annual leak detection project scheduled in October 2016.

We appreciate MWRA's approval for a 30-day emergency connection. The Town continues to have concerns about water levels and we feel a 6- month emergency connection gives the Town the tools it needs to ensure a safe and adequate supply of potable water for domestic use and fire protection.

The Town agrees to abide by the rules stipulated under MWRA emergency water supply withdrawals (policy #OP.05), including premium charges as required. We look forward to answering any questions you may have at your convenience, and are happy to provide any additional documentation you would like.

Thank you,

A handwritten signature in black ink, appearing to read "R. Purimetla", written over the printed name.

Rajitha Purimetla  
Jr. Engineer

CC: Ashland Town Manager  
Southborough DPW Director  
MWRA Policy and Planning Manager



EMERGENCY WATER SUPPLY AGREEMENT  
BETWEEN  
THE MASSACHUSETTS WATER RESOURCES AUTHORITY  
AND  
THE TOWN OF ASHLAND

Parties.

This Emergency Water Supply Agreement ("Agreement") is entered into by and between the Massachusetts Water Resources Authority ("MWRA"), and the Town of Ashland ("Ashland") hereinafter jointly referred to as the "Parties." This Agreement documents the agreement and understanding of the Parties regarding the arrangement whereby MWRA will supply water to Ashland through an interconnection that Ashland has with Southborough, an MWRA served water community and whereby Ashland will purchase a portion of its water supply from the MWRA through Southborough on an as-needed, emergency basis for a period not exceeding six months, as indicated in paragraph 11 hereof.

Recitals.

- R.1. The MWRA was created by the Massachusetts legislature in December, 1984 to operate, regulate, finance, and modernize the waterworks and sewerage systems servicing the greater metropolitan Boston area. Operating pursuant to the terms of Section 8(d) of its Enabling Act, chapter 372 of the Acts of 1984 (the "Act"), and pursuant to the Policies and Procedures for Emergency Water Supply Connections of its Board of Directors, the MWRA may enter into arrangements to provide emergency supplies of water to any local body of the Commonwealth, provided certain conditions are met.
- R.2. Ashland is a duly constituted municipal corporation of the Commonwealth of Massachusetts ("Commonwealth").
- R.3. Southborough is supplied by the MWRA and Ashland has an emergency interconnection through Southborough to the MWRA water supply system.
- R.4. Ashland relies on five wells in a well field (the Howe Street well field) adjacent to the Hopkinton State Reservoir. The reservoir elevation impacts the elevation of the groundwater in the well field. The elevation of Hopkinton Reservoir has dropped significantly below normal and has adversely affected Ashland's wells and ability to meet water demands.
- R.5. On August 22nd, 2016, the Town of Ashland Department of Public Works, in a letter to MWRA, notified MWRA that the due to lower than normal precipitation and low groundwater levels at the Town's wells, it had concerns about water levels and an emergency connection would give the Town the tools it needed to ensure a safe and adequate supply.

- R.6 On August 22, 2016 the MA Department of Environmental Protection (MassDEP) issued a Declaration of Water Supply Emergency to Ashland, to remain in effect until February 22, 2017 unless extended by DEP. The Declaration of Water Supply Emergency is included as Attachment A to this Agreement.
- R.7 From December 12, 2007 to June 5, 2008, an Emergency Water Supply Agreement between MWRA and the Town of Ashland was in effect. This was the first six-month emergency withdrawal period for Ashland. From December 18, 2013 to June 17, 2014, a second six-month Emergency Water Supply Agreement between MWRA and the Town of Ashland was in effect. From December 16, 2015 to May 31, 2016, a third six-month Emergency Water Supply Agreement between MWRA and the Town of Ashland was in effect.
- R.8. On October 11, 2006, the MWRA's Board of Directors adopted a revised Policy for Emergency Water Supply Withdrawals, OP# 05 (the "Policy") which includes criteria and a process for approving requests for emergency withdrawals.
- R.9. Ashland has applied to the MWRA to use emergency interconnections to the MWRA system through Southborough to supplement Ashland's local water supply sources on an as-needed basis.
- R.10. The MWRA has determined that it can supply Ashland with an emergency water supply for a period not exceeding six months under this Agreement without jeopardizing its ability to supply its member communities and without exceeding the safe yield of its water supply system.
- R.11. Ashland must comply with all applicable legal and regulatory requirements.
- R.12. Pursuant to the MWRA Policy, this Agreement is considered an Emergency Water Supply Agreement Period Four, since three previous Emergency Water Supply Agreement have been in effect.

### AGREEMENT

NOW, THEREFORE, in consideration of the mutual promises contained herein and for other good and valuable consideration, the MWRA and Ashland agree as follows:

1. Ashland may activate its emergency interconnection with Southborough for a period up to six months coincident with the DEP's Declaration of Water Supply Emergency on August 22, 2016. The proposed emergency water supply agreement will extend to February 22, 2017, subject to termination in accordance with numbered paragraph 11 below.
2. Ashland may take water from the emergency interconnection at a maximum rate of 200,000 million gallons per day over the six month period. Any increase beyond the stated limit on water use will require a revision to the Emergency Water Supply Agreement.

3. The transfer of water from the MWRA through Southborough to Ashland shall not extend beyond a period of six months, unless Ashland submits an application for an additional emergency water supply withdrawal and the MWRA's Board of Directors and Advisory Board approve the additional emergency water supply withdrawal. Any withdrawals beyond the DEP Emergency Declaration six-month period will also require an extension of DEP's Water Supply Emergency Declaration. In considering withdrawals beyond six months, the MWRA will consider Ashland's efforts to reduce consumption, to implement its long range plans and comply with DEP orders, and to implement a water conservation program and water supply protection measures.
4. During the six month term of this Agreement, Ashland shall institute and continue all practicable conservation measures including, but not limited to, a water conservation public education program; 100% metering; leak detection surveys and rehabilitation programs; conservation pricing for water services; and a local by-law governing outdoor water use with appropriate enforcement measures such as fines and water shut-off for non-compliance. Ashland shall actively administer and enforce such local by-law.
5. Ashland shall submit to MWRA a monthly report on water use, and the status of the emergency.
6. Ashland shall comply with all the conditions of any DEP Declaration of Water Supply Emergency. In addition, Ashland shall submit copies to MWRA of any reports required to be submitted to DEP in compliance with the Declaration of Water Supply Emergency.
7. During the term of this Agreement, the MWRA shall bill Southborough for both the total volume of water used by Ashland, as metered by Southborough, and will bill Ashland directly for the 10% surcharge on prevailing rate mandated by the Policy. Southborough shall bill Ashland for water used in accordance with the terms of the inter-municipal agreement between the parties. Ashland shall remit its payments to Southborough for the total volume of water used in accordance with the terms of the inter-municipal agreement between the parties, which is incorporated by reference. Ashland will remit its payments for the 10% surcharge to MWRA directly.
8. MWRA shall bill Ashland directly for the net asset value payment as required by the Policy for this Emergency Water Supply Agreement Period 4 (August 2016 –February 2017). The charge will be 110% of the annual payment associated with the asset value contribution payment (entrance fee equivalent) amortized with interest over 15 years.
9. The parties agree that the emergency withdrawal authorized under this Agreement is not appropriate for or intended to provide a permanent water supply to Ashland. Any request by Ashland for a permanent partial water supply from MWRA shall require full consideration of all alternatives, including effective water conservation and leak detection, and shall be subject to all approvals required under Section 8 (d) of Chapter

372 of the Acts of 1984, MWRA policies, and under applicable state law and regulations.

10. Any dispute arising between the MWRA and Ashland under the terms of this Agreement shall be resolved in accordance with the dispute resolution process set forth at 360 C.M.R. 1.00.
11. The term of this Agreement shall extend from August 22, 2016, the day in which Ashland could begin to take water ("start date") through and including the six-month anniversary of the Start Date. During the term, MWRA reserves the right to terminate this Agreement at any time due to unforeseen circumstances such as inadequate supply, insufficient hydraulic capacity and other conditions related to the safe supply of existing users and operational requirements of the MWRA's waterworks system.
12. Ashland shall comply with any conditions of the MWRA Advisory Board' approval, which are incorporated by reference into this Agreement.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed on this \_\_\_\_\_ day of September, 2016 by their duly authorized representatives.

MASSACHUSETTS WATER  
RESOURCES AUTHORITY

By:

\_\_\_\_\_  
Frederick A. Laskey  
Executive Director

TOWN OF ASHLAND

By:

  
\_\_\_\_\_  
Michael D. Herbert  
Town Manager