

**MWRA Board of Directors Meeting  
June 26, 2013  
Voting Summary Sheet**

Item Name	Type	Notes	Vote	Discussion Highlights	Attachments
Approval of Minutes	n/a	n/a	Unanimous		
Report of the Chair	n/a	n/a	n/a		
Report of the Executive Director	n/a	n/a	n/a	*	
Final FY14 Capital Improvement Program	Approval	Approved: <ul style="list-style-type: none"> <li>FY14 CIP - \$150.1 million</li> <li>FY14 to FY18 cap \$791.7 million</li> </ul>	Unanimous	*	
Final FY14 Current Expense Budget	Approval	Approved: <ul style="list-style-type: none"> <li>FY14 Final CEB with current revenues and expenses of \$658.4 million</li> <li>3.49% combined assessment increase</li> </ul>	Unanimous	*	
Final FY14 Water and Sewer Assessments	Approval	Effective July 1, 2013 (for FY14): <ul style="list-style-type: none"> <li>Water system assessments of \$203,216,774</li> <li>Sewer system assessments of \$425,504,226</li> <li>Wholesale water rate \$3,124.91 / million gal.</li> <li>Retail sewer rate \$6,444.16 / million gal.</li> </ul>	Unanimous		
Amendment 3 to MOU with the Dept of Public Safety for Electrical Inspections	Approval	<ul style="list-style-type: none"> <li>Provide electrical inspection services</li> <li>Not to exceed \$50,000</li> <li>Term - 24 months</li> </ul>	Unanimous		
Approval of New WAC Member	Approval	Approved addition of Zhanna Davidovitz to WAC	Unanimous		
Emergency Water Supply Agreement with Town of Hudson	Approval	Term - 6 months	Unanimous	*	
PCR Amendments – June 2013	Approval	<ul style="list-style-type: none"> <li>1 title change (MIS)</li> <li>1 title and grade change (Facility Maintenance)</li> </ul>	Unanimous	*	
Appt. of Project Manager – PIMS, Toxic Reduction and Control	Approval	<ul style="list-style-type: none"> <li>Lori Paradice</li> <li>Effective June 29, 2013</li> <li>Salary - \$90,752.09</li> </ul>	Unanimous		
Appt. of Senior Program Manager, OCC	Approval	<ul style="list-style-type: none"> <li>Michael J. McCarthy</li> <li>Effective July 13, 2013</li> <li>Salary - \$110,334.12</li> </ul>	Unanimous		
Automated Vehicle Locator Tracking System: Location Technologies, Inc., Contract A586	Contract Award	<ul style="list-style-type: none"> <li>385 MWRA vehicles and equipment</li> <li>Term: 1,095 days Amt.: \$354,152</li> </ul>	Unanimous	*	

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Nut Island Headworks Electrical and Conveyors Improvements: J.F. White Contracting Co., Contract 7313	Contract Award	<ul style="list-style-type: none"> <li>J.F. White Contracting Co.</li> <li>Term: 500 calendar days Amt.: \$4,740,000.</li> </ul>	Unanimous	*	
WASM 3 – Design, Construction Administration and Resident Engineering Svcs: Fay, Spofford & Thorndike, LLC, Contract 6539	Contract Award	<ul style="list-style-type: none"> <li>Term: 4,840 days Amt.: \$15,482,625</li> </ul>	Unanimous	*	
Gillis Pump Station Short-Term Improvements: Bay State Regional Contractors, Inc., Contract 7260	Contract Award	<ul style="list-style-type: none"> <li>Term: 300 calendar days Amt.: \$1,858,000</li> </ul>	Unanimous		
Supply & Delivery of Odor & Corrosion Control Chemicals for Framingham Extension Sewer and Framingham Extension Relief Sewer: Siemens Water Technologies, WRA-3417, Amendment 1	Contract Amendment	<ul style="list-style-type: none"> <li>First of two one-year extension options included in original bid</li> <li>Not to Exceed \$311,240</li> <li>Extended term from 7/1/2013 to 6/30/2014</li> </ul>	Unanimous	*	
Aquatic Invasive Macrophyte Control at the Wachusett Reservoir: Aquatic Control Technology, Inc., Bid WRA-3434, Amendment 1	Contract Amendment	<ul style="list-style-type: none"> <li>Increase not to exceed \$36,290</li> <li>Extended term by 4 months to 10/31/2015</li> </ul>	Unanimous	*	
Delegated Authority Report – May 2013	Information	<ul style="list-style-type: none"> <li>Please see related Staff Summary</li> </ul>	n/a	*	
FY13 Financial Update and Summary as of May 2013	Information	<ul style="list-style-type: none"> <li>Update presented to the Board</li> </ul>	n/a		

■ Administration and Finance 
 ■ Wastewater 
 ■ Water 
 ■ Personnel 
 \* Link to Advisory Board position

Arlington • Ashland • Bedford • Belmont • Boston • Braintree • Brookline  
Dedham • Everett • Framingham • Hingham • Holbrook • Leominster  
Medford • Melrose • Milton • Nahant • Natick • Needham • Newton  
Revere • Saugus • Somerville • South Hadley • Southborough • Stoneham  
Watertown • Wellesley • Weston • Westwood • Weymouth • Wilbraham



Burlington • Cambridge • Canton • Chelsea • Chicopee • Clinton  
Lexington • Lynn • Lynnfield • Malden • Marblehead • Marlborough  
Northborough • Norwood • Peabody • Quincy • Randolph • Reading  
Stoughton • Swampscott • Wakefield • Walpole • Waltham  
Wilmington • Winchester • Winthrop • Woburn • Worcester

MWRA Advisory Board Summary  
of the  
MWRA Board of Directors Meeting  
Wednesday, June 26, 2013

A meeting of the Board of Directors of the Massachusetts Water Resources Authority was held on June 26, 2013 at the Charlestown Navy Yard. **Present:** Chair Richard Sullivan, Joel Barrera, Jennifer Wolowicz, Gubernatorial Appointees; John Carroll and Joseph Foti, Advisory Board Representatives; Brian Swett and Henry Vitale, City of Boston Representatives; Jack Walsh, City of Quincy Representative. **Absent:** Andrew Pappastergion, Advisory Board Representative; Kevin Cotter, City of Boston Representative; Paul Flanagan, Town of Winthrop Representative.

**Report of the Chair**

No Report.

**Report of the Executive Director**

MWRA Executive Director Fred Laskey noted that Jae Kim recently turned a collection of 26 stereograph cards into the MWRA library to be preserved for historical purposes.

Mr. Laskey stated that even though 8½ inches of rain accumulated over the last couple of weeks, there were no sanitary sewer overflows (SSOs) because of previous dry conditions and well-maintained equipment. He offered kudos to staff.

A recent meeting with Tri-Town (Braintree, Holbrook and Randolph) went well. MWRA Advisory Board Executive Director Joseph Favaloro added that the Authority and Advisory Board have added numerous incentives to accommodate Tri-Town. Mr. Favaloro suggested that Tri-Town provide the Authority/Advisory Board with a proposal.

Historically, the Authority has usually cancelled the August Board meeting and just held one summer meeting in July. Staff is considering holding this meeting off-site and will poll the Board members for their input.

Mr. Laskey noted that Judge Stearns thought that it would be appropriate to hold a ceremony in regard to the Cambridge CSO Project.

Staff has begun transferring water from the Quabbin to the Wachusett to help with the water quality coming through the system.

The Carroll Water Treatment Plant and Deer Island participated on Tuesday and Wednesday in taking the facilities off the grid during a peak electrical use time of the year for ISO New England.

Board member Joel Barrera noted that there has been great interest from the MetroWest communities regarding the opening of the Aqueduct trails.

## Approvals

### Final FY14 Capital Improvement Program

The Board voted to approve: (1) the FY14 Capital Improvement Program (CIP), with \$150.1 million spending level, including contingency; (2) a capital budget spending cap for the five-year period FY14 through FY18 at \$791.7 million and annual spending as specified in the table below; provided further that spending for any year should not exceed the annual base-line cap by more than 20%, with the goal of spending at least 80% of the base-line cap; provided further that overall spending for FY14-18 does not increase.

	FY14*	FY15	FY16	FY17	FY18	FY14-18
Cap Spending (in millions)	\$145.8	\$159.1	\$166.4	\$161.3	\$159.1	\$791.7

\*FY14 Cap funding includes spending, contingency, inflation and is offset by Chicopee Valley Aqueduct (CVA) adjustments.

In the event that the annual base-line cap limit is exceeded and/or the total five-year spending projection exceeds the five-year base-line cap, the Executive Director may request approval from the Board of Directors for higher spending; (3) the Responses to the Advisory Board's Comments and Recommendations on the MWRA's Fiscal Year 2014 Proposed Capital Improvement Program, are presented as Attachment D and filed with the records of the meeting.

Board member John Carroll asked what the capital spending is for I/I removal for cities and towns. Director of Administration and Finance Rachel Madden stated it is included in "Other Wastewater Projects."

MWRA Advisory Board Executive Director Joseph Favaloro stated that the overall relationship between the Authority and the Advisory Board and the mutual "back and forth" process works. In FY13, the Advisory Board challenged the Authority to set the next capital spending cap no greater than \$800 million; the Authority met that challenge and went even further. The Advisory Board will continue to work with the Authority to find common ground on all issues.

Please click [here](#): to view the Advisory Board's position in its FY13 Integrated Comments and Recommendations on the Capital Spending Cap.

### Final FY14 Current Expense Budget

The Board voted to adopt the FY14 Final Current Expense Budget (CEB) with current revenue and expenses of \$658.4 million, as presented and filed with the records of the meeting as Attachments A and B, and the FY14 Final Operating Budget (Trustee's Budget), as presented and filed with the records of the meeting as Attachment D.

Board member Jennifer Wolowicz questioned the reduction in diesel fuel purchases for FY14. Ms. Madden stated that staff was able to fill the tanks at the end of the fiscal 2013 year. Budget Director Kathy Soni noted that Deer Island's tanks were usually filled to their maximum capacity at the end of each fiscal year.

Mr. Barrera asked if adjustments were made to interest rate assumptions. Ms. Madden said no adjustments were made – the assumptions were kept at 3.25%.

Mr. Barrera asked if funding has been incorporated into the budget for raises. Ms. Madden stated that 2% has been incorporated for union employees. Mr. Barrera asked about non-union employees. Ms. Madden stated that staff is confident, based on the vacancy rate, that there would be funds for increases for managers should the Board decide to approve them during FY14. Mr. Barrera said it is not healthy to not have any increases, even if modest. Mr. Laskey stated that it is his hope to run ideas on appropriate COLAs for managers as early as July.

Mr. Favaloro stated that as much as we look at FY14 and FY15, we still need to care about FY16 and work to get those numbers down; it is critical for the communities. Ms. Madden stated that it is part of the strategy to work those numbers down.

### **Final FY14 Water and Sewer Assessments**

The Board voted to adopt the following effective July 1, 2013 (for Fiscal Year 2014):

- (1) Water system assessments of \$203,216,774 and sewer system assessments of \$425,504,226;
- (2) Sewer assessments of \$500,000 for the Town of Clinton and \$195,825 for the Lancaster Sewer District;
- (3) Charge to the City of Worcester of \$129,071, which represents approximately 7.9% of the direct operating expenses for the Clinton Wastewater Treatment Plant;
- (4) Water assessments of \$3,253,485 for the City of Chicopee, \$684,611 for South Hadley Fire District #1, and \$709,198 for the Town of Wilbraham;
- (5) A wholesale water rate of \$3,124.91 per million gallons; and
- (6) A retail sewer rate of \$6,444.16 per million gallons.

### **Amendment 3 to Memorandum of Understanding with the Department of Public Safety for Electrical Inspections**

The Board voted to authorize the Executive Director, on behalf of the Authority, to execute Amendment 3 to the Memorandum of Understanding with the Department of Public Safety, substantially in the form presented and filed with the records of the meeting, to provide electrical inspection services for Authority projects and operations in an amount not to exceed \$50,000 for a term of twenty-four months, from July 1, 2013 through June 30, 2015.

### **Approval of New Wastewater Advisory Committee Member**

The Board voted to approve the addition of Zhanna Davidovitz to the Wastewater Advisory Committee.

### **Emergency Water Supply Agreement with the Town of Hudson**

The Board voted to authorize the Executive Director, on behalf of the Authority, to execute a six-month Emergency Water Supply Agreement with the Town of Hudson, substantially in the form presented and filed with the records of the meeting, and contingent upon approval by the Hudson Board of Selectmen and an Inter-Municipal Agreement between Hudson and Marlborough for the conveyance of MWRA water through Marlborough to Hudson.

Mr. Barrera asked if this is the first time that Hudson has purchased water from the MWRA. Policy and Planning Manager Pam Heidell responded in the affirmative.

Mr. Barrera asked what the situation is with manganese in Hudson's wells. Ms. Heidell stated that all five of Hudson's wells have issues with iron and manganese; however, three of the wells receive treatment and are in

use. One well had been taken offline for service and the fifth well now has severe problems and must be taken offline for approximately one year to undergo repairs, which are expected to cost approximately \$4 million.

Mr. Carroll asked if staff has talked with Hudson about joining the MWRA system. Mr. Laskey stated that staff plans to speak with Hudson's Town Manager.

### **PCR Amendments – June 2013**

The Board voted to approve amendments to the Position Control Register, as presented and filed with the records of the meeting.

Board member Henry Vitale asked if it has been difficult hiring MIS personnel; how competitive is the MWRA organization in recruiting MIS personnel? Ms. Madden stated that the MWRA hasn't hired anyone "off the street" recently. MIS Director Russell Murray added, in comparison with the Commonwealth, the MWRA is "on the money"; however, the private sector might pay a bit higher.

Ms. Madden stated that the MWRA is in the beginning stages of a reorganization of where it wants to be in future years. Staff believes the Authority is competitive but will test the market.

### **Appointment of Project Manager, PIMS, Toxic Reduction and Control**

The Board voted to approve the Executive Director's recommendation to appoint Ms. Lori Paradice to the position of Project Manager, PIMS, in the Toxic Reduction and Control Department, Operations Division (Unit 9, Grade 25) at an annual salary of \$90,752.09 effective June 29, 2013.

### **Appointment of Senior Program Manager, OCC**

The Board voted to approve the Executive Director's recommendation to appoint Mr. Michael J. McCarthy to the position of Senior Program Manager, Operations Control Center, Operations Division (Unit 9, Grade 30) at an annual salary of \$110,334.12 effective July 13, 2013.

## **Contract Awards**

### **Automated Vehicle Locator Tracking System: Location Technologies, Inc., Contract A586**

The Board voted to approve the award of Contract A586, Automatic Vehicle Locator Tracking System to the lowest qualified bidder, Location Technologies, Inc., and to authorize the Executive Director, on behalf of the Authority, to execute and deliver said contract in the bid amount of \$354,152 for a term of 1,095 days from the Notice to Proceed.

Mr. Barrera asked if the use of this system has been controversial internally. Deputy Chief Operating Officer Richard Trubiano said staff met with all five unions and signed Memorandum of Understandings that set guidelines on how this information can be used.

Mr. Vitale asked if this program would be used to discipline employees. Deputy Director of Human Resources Karen Gay-Valente stated that the program could be used for that purpose but it is not the primary focus. If there were egregious behavior, the program could be used for disciplinary purposes.

Mr. Vitale asked who will have access to the program. Mr. Trubiano said the procedures are being worked out now. Consideration is being given to hiring a person that would regularly review the data and provide

information to key personnel. Staff believes that there will be an increase in productivity through the use of this system and, therefore, will be a savings vehicle for the Authority.

Mr. Laskey noted that the option to lease the system for three years was chosen because it provides an opportunity to see if it works out before investing in the system.

Ms. Wolowicz asked if employees will know which vehicles this tracking system is in. Mr. Trubiano said yes; over-the-road vehicles will have the system.

Mr. Walsh asked if this will generate a lot of paperwork. Mr. Trubiano said the system will generate a lot of data but you can select the information you want to include in reports based upon the needs of the staff receiving the report.

**Nut Island Headworks Electrical and Conveyors Improvements: J.F. White Contracting Co., Contract 7313**

The Board voted to approve the award of Contract No. 7313, Nut Island Headworks Electrical and Conveyors Improvements, to the lowest eligible and responsible bidder, J.F. White Contracting Co., and to authorize the Executive Director, on behalf of the Authority, to execute and deliver said contract in the bid amount of \$4,740,000 for a term of 500 calendar days from the Notice to Proceed.

Board member Jack Walsh stated that there are three different truck bays; however, only one can be used. Is there an ability to use the others? Program Manager Dave Pottle stated that all three truck bays can be used; however, it has been more efficient to use one.

**Weston Aqueduct Supply Main 3 – Design, Construction Administration and Resident Engineering Services: Fay, Spofford & Thorndike, LLC, Contract 6539**

The Board voted to approve the recommendation of the Consultant Selection Committee to select Fay, Spofford & Thorndike, LLC to provide Design, Construction Administration and Resident Engineering Services for the Weston Aqueduct Supply Main 3 (WASM3) and to authorize the Executive Director, on behalf of the Authority, to execute Contract 6539 with Fay, Spofford & Thorndike, LLC in an amount not to exceed \$15,482,625 for a term of 4,840 days from the Notice to Proceed.

**[Note: The following combines the discussions of the Information Item and the Contract Award related to this same matter.]**

Mr. Hornbrook stated that the WASM3 is a complex project; it is an 85-year-old steel line that feeds a large portion of the service area that doesn't have full redundancy.

Staff needed to develop a reliable plan to supply communities. The project involves large-diameter pipe rehabilitation in extremely dense areas. MWRA will have to dig 15 to 20 feet deep and 10 to 15 feet wide, which will have significant impacts on six communities. With these technical challenges come risks. Staff must ensure that water and pressure be provided to 250,000 consumers. Risks need to be mitigated.

For this reason, the Selection Committee felt it was paramount to focus on the best team to accomplish these tasks. Because of the key personnel that comprised the project team in the Fay, Spofford & Thorndike, LLC (FS&T) bid, along with its proposed team members CDM Smith and Green International Affiliates, and the superior overall proposal, the Selection Committee chose FS&T even though they did not have the lowest bid.

Board member Joseph Foti stated that he was the most vocal member of the Board on this contract at last month's meeting. He stated that he has the utmost respect for MWRA staff. Had this overview of the contract been presented at last month's meeting it might have provided a better understanding; however, a difference of \$1.2 million forces the Board to question the award of this contract. Mr. Hornbrook said it was a fair criticism.

**Gillis Pump Station Short-Term Improvements: Bay State Regional Contractors, Inc., Contract 7260**

The Board voted to approve the award of Contract No. 7260, Gillis Pump Station Short-Term Improvements, to the lowest eligible and responsible bidder, Bay State Regional Contractors, Inc., and to authorize the Executive Director, on behalf of the Authority, to execute and deliver said contract in the bid amount of \$1,858,000 for a term of 300 calendar days from the Notice to Proceed.

**Contract Amendments / Change Orders**

**Supply and Delivery of Odor and Corrosion Control Chemicals for the Framingham Extension Sewer and Framingham Extension Relief Sewer: Siemens Water Technologies, WRA-3417, Amendment 1**

The Board voted to authorize the Executive Director, on behalf of the Authority, to approve Amendment No. 1 to exercise the first of two one-year extension options included in the original bid and increase the amount of the purchase order contract under Bid WRA-3417, with Siemens Water Technologies, Supply and Delivery of Odor and Corrosion Control Chemicals for the Framingham Extension Sewer and Framingham Extension Relief Sewer, in an amount not to exceed \$311,240 and extending the term from July 1, 2013 to June 30, 2014.

Mr. Barrera asked if there had been complaints about odor. Mr. Trubiano stated that there had been complaints about odor; staff adjusted the chemicals to correct the situation.

**Aquatic Invasive Macrophyte Control at the Wachusett Reservoir: Aquatic Control Technology, Inc., Bid WRA-3434, Amendment 1**

The Board voted to authorize the Executive Director, on behalf of the Authority, to approve Amendment No. 1 to increase the amount of Purchase Order Contract No. WRA-3434 with Aquatic Control Technology, Inc., Aquatic Invasive Macrophyte Control at the Wachusett Reservoir, in an amount not exceed \$36,290 and extending the term by four months to October 31, 2015.

Mr. Laskey stated that invasive species pose a serious threat to the MWRA's water quality and can change an entire eco-system; we can't underestimate the danger these invasives pose.

Mr. Carroll asked if anything has happened with zebra mussels. Director of Western Operations Dave Coppes stated that DCR still has an ongoing decontamination operation for any boats that may wish to enter the Quabbin Reservoir.

**Information**

**Delegated Authority Report – May 2013**

Mr. Walsh asked if there had been a payback analysis done on the lighting improvements at Deer Island. Chief Operating Officer Michael Hornbrook stated that payback would be achieved in 3.2 years.

Additionally, Mr. Walsh asked about the purchase of transformers for Deer Island. Deer Island Director Dan O'Brien stated that these transformers would be going into stock and would be used as needed on Deer Island. Ms. Madden noted that the current transformers are 20 years or older.

Further, Mr. Walsh asked if the 70 laptop computers being purchased would be replacing older equipment. Ms. Madden stated that there are 143 laptops distributed throughout the organization. These 70 will be replacing laptops that have exceeded their useful life. As the systems are upgraded, the computers need to be upgraded as well.

Ms. Madden noted that the Authority was targeting an average replacement schedule of five years. Mr. Barrera noted that the Commonwealth's replacement schedule was usually three years.

### **FY13 Financial Update and Summary as of May 2013**

Ms. Madden presented a financial update to the Board as of May 2013.

### **Weston Aqueduct Supply Main 3, Contract 6539 – Supplemental Information**

Please see WASM3 under approvals above.

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*This summary does not include every item discussed by the Board, nor the full extent of the discussions. Please contact Mary Ann McClellan at the Advisory Board office with questions, comments*