MWRA ADVISORY BOARD

Summary of:

MWRA BOARD OF DIRECTORS' MEETING

July 21, 2004

A meeting of the Board of Directors of the Massachusetts Water Resources Authority was held on **July 21, 2004** at the Charlestown Navy Yard. **Present**: John Carroll, Andrew Pappastergion and Joseph Foti, Advisory Board Representatives; Vincent Mannering and Antonia Pollak, City of Boston Representatives; Joseph MacRitchie, City of Quincy Representative; Marie Turner, Town of Winthrop Representative. **Absent**: Chair Ellen Roy Herzfelder, Lucile Hicks and Donald Mitchell, Gubernatorial Appointees; Kevin Cotter, City of Boston Representative.

AGENDA

Report of the Chair
No Report.

Report of the Executive Director
Executive Director Fred Laskey reported the MWRA has received MEPA approval for the North Dorchester Bay CSO Project. This positive decision clears another hurdle in moving the project forward. MWRA has received letters of support from many interested parties and believes the Federal Judge will look kindly on the project.

The Braintree-Weymouth Project meets a milestone today when sewerage flows will be introduced into the new pump station.

Seventy employees took advantage of the last round of the Early Retirement Program.

An August preliminary hearing has been scheduled for the Blue Hills Covered Storage Project. Mr. Laskey stated his belief that MWRA has negotiated in good faith, providing an environmentally compatible project that allows public access.

Michael Hornbrook, Chief Operating Officer, stated the Authority has developed a detailed Security and Operational Plan for the Democratic National Convention (DNC). The MWRA's role is strictly support, with no primary responsibilities beyond the security of the Authority's facilities. All Authority offices will remain open during the DNC week.

The Authority is voluntarily going to "Code Orange" meaning most critical water sites will have State Police details on duty 24 hours a day during that week. Inspections of unmanned facilities will also be increased. Some equipment and personnel will be relocated to remote sites outside of Chelsea to ensure response capabilities in the event of an emergency. A senior manager and Operations and Support staff will be situated at the Authority's Emergency Operations Center (EOC) to respond to any calls. Required chemicals and fuels have been "topped off" and additional staff has been placed on "standby".

The Authority is coordinating its efforts with the Boston Water and Sewer Commission, FEMA, the FBI and the Secret Service, among others.

Mr. Laskey noted the Authority has made a substantial investment in bringing the EOC online and is confident the layout and location of equipment and personnel can manage an emergency.

APPROVALS

July PCR Amendments - FY2005

The Board voted to approve amendments to the Position Control Register. The annualized budget impact of these changes would theoretically range from a cost of ($7,836) to a cost of $16,300. Those that make up the financial impact are as follows:

Current Title	Amended Title	Financial Impact
Financial Coordinator	Account Coordinator	($6,125) - $ 6,124
Motor Pool Coordinator – GR17	Motor Pool Coordinator – GR19	($1,711) - $10,176
Total		**($7,836) - $16,300**

CONTRACT AWARDS

Task-Order Appraisal Services: G&M Valuation, Contract 578-TA and Hopson-Pino, Inc. Contract 579-TA

The Board voted to approve the recommendation of the Consultant Selection Panel to select G&M Valuation and Hopson-Pino, Inc. to provide task order appraisal services and to authorize the Executive Director, on behalf of the Authority, to execute Contract 578-TA with G&M Valuation and Contract 579-TA to Hopson-Pino, Inc. in amounts not to exceed $50,000 each and for a term of three years.

Property appraisals are used by MWRA to support a variety of construction projects. These contracts will provide appraisal services on an as-needed basis through the use of task orders, thus simplifying the administration of the contract process, particularly for smaller assignments. Large-scale appraisal projects, if needed, will continue to be bid independently.

CONTRACT AMENDMENTS/CHANGE ORDERS

Walnut Hill Water Treatment Plant – Ozonation Treatment Facilities: Barletta-Shea, J.V., Contract 6489, Change Order 83

The Board voted to authorize the Executive Director, on behalf of the Authority, to approve Change Order 83 to increase the amount of Contract No. 6489 with Barletta-Shea, Joint Venture, Walnut Hill Water Treatment Plant – Ozonation Treatment Facilities, in an amount not to exceed $150,000. Further, to

authorize the Executive Director to approve additional change orders as may be needed to Contract No. 6489 in amounts not to exceed the aggregate of $250,000 and 180 calendar days.

This change order has been identified as a design error. The Construction Manager, MWRA staff and the Contractor are in negotiations. The Contractor has proceeded with this work at its own risk in order to proceed with the remainder of the contract work.

The cumulative value of all change orders to this contract totals $15,437,692, or 13.21% of the original contract amount of $116,844,000. The adjusted sub-phase total of this contract is $132,281,692, or $550,692 over the budgeted amount of $131,731,000. This amount will be covered within the five-year CIP spending cap. Work on this contract is approximately 92.5% complete.

Norumbega Reservoir Covered Storage Design/Build Project: Norumbega Constructors – J. F. White Contracting/Slattery Skanska, Inc., Contract 6213, Change Order 22

The Board voted to authorize the Executive Director, on behalf of the Authority, to approve Change Order No. 22 to increase the amount of Contract No. 6213 with Norumbega Constructors – J. F. White Contracting/Slattery Skanska, Inc., Norumbega Reservoir Covered Storage Design/Build Project, in an amount not to exceed $200,000. Further, to authorize the Executive Director to approve additional change orders as may be needed to Contract No. 6213 in amounts not to exceed the aggregate of $250,000.

Repeated sampling has yet to produce acceptable water quality results in Cell 1 and actions taken to circulate, overflow and further boost the chlorine levels have been unsuccessful. This change order will compensate the Contractor for the costs associated with pumping out the tank and the costs to re-disinfect the tanks and piping on a time and materials basis.

The cumulative value of all change orders to this contract totals $5,346,694.76, or 5.98% of the original contract amount of $89,400,000. The adjusted sub-phase total of this contract is $94,746,694.76. The FY05 CIP includes a budget of $95,119,000 for Contract 6213. Work on this contract is approximately 94% complete.

Mr. MacRitchie questioned why the Change Order contract total is $94+ million and the CIP has this contract budgeted at $95 million. Carl Erickson, MWRA Budget Director, responded that during the budget process, known change orders scheduled during that fiscal year are included.

INFORMATION

Update on Framingham Extension Sewer Corrosion and Odor Control Program

Carolyn Fiore, TRAC Manager, stated the Authority has a three-pronged strategy for dealing with the Framingham Extension Sewer Corrosion and Odor Control Program that involves industries, municipalities and the MWRA.

Hydrogen sulfide levels begin to rise in early April and stay high through mid or late November. MWRA has made progress over the last three months. A sample location where the Authority has a hydrogen sulfide meter yielded an average level of 5.7 parts per million (ppm). Compared to last year at this time, the average level was 12.4 ppm.

Industries are making progress. Two are now in compliance with the BOD limit. The other industries are following their compliance schedules.

Municipalities are also making progress, with two under enforceable schedules. Schedules are being developed for the remaining communities and their permits will be revised to incorporate these schedules. Natick continues to take actions to address its level of BOD, including changes to grease trap rules for eating establishments and replacing force mains with a gravity sewer.

Update on Lead and Copper Rule Compliance

Stephen Estes Smargiassi, Director of Planning, stated all of the Environmental Protection Agency's and Department of Environmental Protection's requirements on the Lead and Copper Rule compliance have been met.

MWRA has submitted data to DEP indicating that the 90th percentile of lead samples collected between March and June 2004 was 14.6 parts per billion (ppb) – below the action level of 15 ppb. If the MWRA passes the action level requirements in September, the Authority will be back in compliance.

Four additional communities failed the lead action level in this round. The Authority anticipates these communities will be required to do mandatory lead service replacements. Board Member Toni Pollak asked which communities did not pass. Boston, Lexington, Malden and Milton failed this round, Mr. Estes Smargiassi replied.

This week the Authority had lead and corrosion control experts come in to review whether the Authority should make any changes in treatment now and when Walnut Hill goes online. Three of the five experts said to maintain the current corrosion control parameters.

MWRA asked if raising the alkalinity made any sense. Three of the experts said no, one said there might be a small benefit. The Authority is leaning toward staying at 40 mg/l, giving the lead levels a chance to stabilize and review the levels again after the September round of sampling. In terms of the ozone plant, the experts suggested raising the pH and lowering alkalinity to optimize plant performance.

This Summary does not include every item discussed by the Board, nor the full extent of the discussions. Please contact Tracy Wadsworth at the Advisory Board office with questions, comments or requests for additional information.