

The Narragansett Bay Commission  
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Vincent J. Mesolella  
Chairman

Raymond J. Marshall, P.E.  
Executive Director



**OFFICIAL MINUTES OF:**

Meeting of:	CEO Committee Meeting
Date:	May 19, 2010
Time:	9:00 a.m.

**MEMBERS PRESENT:**

Michael Salvatore, CEO Chairman  
Jonathan Farnum  
John MacQueen  
Vincent J. Mesolella  
Al Montanari  
Angelo Rotella  
Leo Thompson  
Richard Worrell

**MEMBERS ABSENT:**

Robert Andrade

**STAFF AND GUESTS PRESENT:**

Raymond J. Marshall, Executive Director  
Paul Nordstrom, NBC  
Francie Brown, NBC  
Tom Brueckner, NBC  
Tom Uva, NBC  
Joe Pratt, Louis Berger Group  
Linda George, Senate Fiscal Office  
Karen Giebink, NBC  
Jennifer Harrington, NBC  
Karen Musumeci, NBC  
Cecille Antonelli, NBC

Meg Goulet, NBC  
Laurie Horridge, NBC  
Lori Vernon, NBC  
Leah Foster, NBC  
Holly Ialongo  
Terry Cote, NBC  
Sherri Arnold, NBC  
Anamaria Clarkin, NBC  
Kathryn Kelly, NBC  
Richard Bernier, NBC

**1. Call to Order**

Recognizing a quorum, Chairman Salvadore called the May 19, 2010 Construction/Engineering/Operations (CEO) Committee Meeting to order at 9:15 a.m.

**2. Approval of Minutes – April 14, 2010 CEO Committee**

Chairman Salvadore asked for a motion to approve the April 14, 2010 CEO Committee Meeting minutes as written. Commissioner Montanari moved to approve the minutes of the April 14, 2010 CEO Committee as written. Commissioner MacQueen seconded the motion. The vote taken by the CEO Committee was unanimous. The motion carries.

**3. Items for Action**

**A. Review and Approval of Resolution 2010:11; Authorization to Amend Personal Services Agreement No. 08A-114-01-00 with Chris Kincaid (Amendment not to exceed \$32,600)**

Executive Director Raymond Marshall advised that in 2004, NBC entered into an Agreement with the University of RI to develop a receiving water model for the Narragansett Bay using the public domain Regional Ocean Management System (ROMS) model. This model is used to evaluate the effectiveness of further reducing nitrogen permit limits on Narragansett Bay water quality.

The model went through several iterations, with each iteration resulting in improvements in model reliability and calibration. The one problem encountered with the URI contract was that continuity was hard to sustain over the years with the graduation of the students working on the model. In order to maintain consistency in model development, NBC entered into a personal services agreement with Professor Chris Kincaid of the URI Graduate School of Oceanography (GSO), the Principal Investigator on the project, to complete work on the model.

The original agreement with Professor Kincaid was signed in March 2008 for \$9,455 and was subsequently amended to perform additional modeling work in September 2009 for \$10,455 for a total amount of \$19,910. Because the cost of the original agreement and amendment was under \$20,000 and because Professor Kincaid was a sole source contractor, NBC's procurement regulations did not require that it be brought before the Board for approval.

We are now seeking to amend the agreement with Professor Kincaid to update the model to incorporate data collected this past spring on currents off the Field's Point WWTF, to calibrate the model using this data and to then run the model for varying nutrient loadings from the wastewater treatment facilities discharging to Narragansett Bay. These model runs will determine the benefit, if any, of further reducing NBC's permit limit for nitrogen to 3 mg/1 as has been proposed by RIDEM.

The cost to complete this additional work is \$32,600 for a total contract amount of \$52,510. Because this amendment is in excess of \$ 20,000 limit for procurement of professional services without Board approval, we are seeking authorization from the Board to amend the agreement.

We respectfully request that Resolution 2010:11 authorizing staff to amend the Personal Services Agreement with Professor Chris Kincaid (Amendment not to exceed \$ 32,600) be approved.

Commissioner Farnum made a motion to approve Resolution 2010:11; Authorization to Amend Personal Services Agreement No. 08A-114-01-00 with Chris Kincaid (Amendment not to exceed \$32,600).

Commissioners Thompson and MacQueen seconded the motion and the vote taken by the CEO Committee was unanimous. The motion carries.

**B. Review and Approval of Resolution 2010:12; Authorization to Enter into an Agreement with National Grid for Replacement of Gas Piping Related to CSO Phase II OF027 Sewer Separation Contract 303.05C (Amount not to exceed \$693,000)**

Mr. Marshall advised that one of the five projects in the NBC's Phase II CSO Program is sewer separation in the Overflow 027 (OF027) drainage basin on the East Side of Providence. This project involves the construction of approximately 9100 linear feet of new storm drains to accept storm flow that will be removed from the existing combined sewers in this area. In order to construct these new storm drains, it will be necessary to support or replace existing gas piping, owned by National Grid, in close proximity to the new drains.

In February 2000, NBC entered into a Consent Order (CO) with Providence Gas Co. (predecessor to National Grid) which established the responsibilities for both NBC and Providence Gas for relocating gas mains for NBC construction projects. The CO established conditions for when the gas pipe needed to be supported in construction trenches, when it needed to be replaced and who would bear the costs for each type of work.

In discussing the OF027 project with National Grid, they proposed two alternatives. The first would be to replace/support the pipe in accordance with the requirements of the CO. The estimated cost to NBC for the first alternative is \$2,746,000. The second alternative would be to replace all the gas piping with new pipe. While this is not required by the CO, it would be desirable for National Grid because all the gas pipes would be new. The estimated cost for the second alternative is \$1,139,000. Because the second alternative is preferred by National Grid, they have offered to split the cost with NBC.

The second alternative is recommended because it would be less costly for NBC, provide a safer result for customers in the project area and would result in new gas piping for National Grid. Also National Grid would be responsible for replacing the piping by November 2010.

NBC has prepared an Agreement with National Grid that would obligate NBC to pay half the actual cost of the gas line replacement to be performed by National Grid. The estimated cost for NBC for this work is \$577,000 but a contingency of 20% should be added to provide for unforeseen costs that may be incurred during construction. The total cost with the contingency would be \$693,000.

We respectfully request that approval of Resolution 2010:12 authorizing staff to enter into an Agreement with National Grid to have National Grid replace the gas piping in project area OF027 and for NBC to pay half the actual construction cost of replacing the gas piping for a total cost not to exceed \$693,000.

Commissioner Worrell made a motion to approve Resolution 2010:12 Authorization to Enter into an Agreement with National Grid for Replacement of Gas Piping Related to CSO Phase II OF027 Sewer Separation Contract 303.05C (Amount not to exceed \$693,000). Commissioner Montanari seconded the motion and the vote taken by the CEO Committee was unanimous. The motion carries.

**C. Review and Approval of Resolution 2010:13; Fiscal Year 2012-2016 Capital Improvement Program**

Mr. Marshall advised that every year the NBC prepares a Capital Improvement Program which covers a five year span. The Committee members have before them this morning a copy of the 2012-2016 CIP. He

advised that he would give the Committee a brief overview of the CIP as there will be a full presentation before the Board of Commissioners later this morning.

Mr. Marshall stated that the first page of the CIP is the Capital Project Cost Summary that shows all the different projects and the different categorizes, Wastewater Treatment Facilities, Infrastructure Management, Phase II CSO, Sewer System Improvements, etc. and the bottom line is about \$451 million dollars of improvements that will occur through the end of 2016. The projects are in various stages of completion, some we are finishing construction on and some are in the planning stages.

The CIP is a great planning tool for the Narragansett Bay Commission and is done every year because sometimes the scope, price and need for the projects change over the years.

He also advised that each and every project in the CIP is accompanied by a narrative and a breakdown of what costs are associated with design, construction, land, etc.

We respectfully request that Resolution 2010:13, Fiscal Year 2012-2016 Capital Improvement Program be approved.

Commissioner MacQueen made a motion to approve Resolution 2010:13; Fiscal Year 2012-2016 Capital Improvement Program. Commissioner Farnum seconded the motion and the vote taken by the CEO Committee was unanimous. The motion carries.

#### **4. Other Business**

None.

#### **5. Adjournment**

A motion to adjourn was made by NBC Chairman Mesolella, seconded by Commissioner MacQueen and the CEO Committee meeting adjourned at 9:40 a.m.

Respectfully submitted,



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Raymond J. Marshall, P.E.  
*Executive Director/Secretary*