

**TWO RIVERS WATER RECLAMATION AUTHORITY
ONE HIGHLAND AVENUE
MONMOUTH BEACH, NEW JERSEY 07750**

The Regular Meeting of the Two Rivers Water Reclamation Authority was held on Tuesday, September 20, 2011 at 6:00 PM at One Highland Avenue, Monmouth Beach, New Jersey.

Mr. Thomas Barham, Vice Chairman

Members Present: Mr. Thomas Barham, Vice Chairman
Mr. William R. Baarck, PE, Secretary
Mr. Arno Weber, Assistant Secretary
Mr. Barry J. Berdahl, Ph. D, Treasurer
Mr. Richard Tocci, Assistant Treasurer
Mr. John Bonforte
Mr. Gregory J. Christopher
Mr. Scott Hartman
Mrs. Catherine D. LaPorta
Mr. William W. Nolze

Members Absent: Mr. William E. Leonard, Chairman
Mr. Brian McPeak

Others Present: Mr. Michael A. Gianforte, P.E., Executive Director
Mr. Edward Griffin, Financial Manager
Mr. Dennis J. Galvin, P.E., Engineering Manager
Mr. David Applegate, P.E., Representing the Firm of Birdsall Engineering
Mr. David Laughlin, Esq., Birdsall & Laughlin, LLC

NOTICE OF REGULAR MEETING

Statement is hereby made that adequate Notice of Meetings has been provided by publishing the same in the Asbury Park Press on Saturday, December 25, 2010, and The Atlanticville on Wednesday, January 19, 2011, and mailing the same on Wednesday, December 22, 2010, to the Clerks of the participant municipalities of the Boroughs of Fair Haven, Little Silver, Monmouth Beach, Oceanport, Shrewsbury and West Long Branch, and all customer communities whose geographic boundaries are co-extensive with those of this Authority, and by prominently posting said Notice in the entry way of the Authority's office building on Wednesday, December 22, 2010.

CHAIRMAN RULES OF QUORUM

Mr. Barham declared that a quorum was present. All present saluted the American Flag.

**APPROVAL OF THE REGULAR MONTHLY MEETING
MINUTES OF AUGUST 16, 2011**

Mr. Tocci moved that the minutes from the Regular Monthly Meeting held August 16, 2011 be approved as submitted. The motion was seconded by Mr. Baarck and carried by the following vote on roll call:

Members Present: Mr. Thomas Barham, Vice Chairman
Mr. William R. Baarck, PE, Secretary
Mr. Arno Weber, Assistant Secretary
Mr. Barry J. Berdahl, Ph. D, Treasurer
Mr. Richard Tocci, Assistant Treasurer
Mr. John Bonforte
Mr. Gregory J. Christopher
Mr. Scott Hartman
Mrs. Catherine D. LaPorta

Abstain: Mr. William W. Nolze

Members Absent: Mr. William E. Leonard, Chairman
Mr. Brian McPeak

CORRESPONDENCE

Mr. Gianforte reported that the Authority received a report from the US Department of Agriculture in reference to the Geese Control Program.

Mr. Gianforte stated that copies are available for review.

PUBLIC COMMENT ON AGENDA

There was no public present.

Mr. Barham introduced Mr. Tom Bryce from Birdsall Services who presented a PowerPoint presentation in reference to the Renewable Energy Program of 2011. Mr. Christopher requested a summary of the resolution. Mr. Bryce explained that this is a program that put together a group of entities that have grid space. They provide the space to a private company utilizing wind turbines, solar power, or some other generated source of power. They then sell that energy back to the grid. Discussion ensued.

Mr. Gianforte reported that the resolution was prepared by the Monmouth County Improvement Authority. Mr. Gianforte stated that the Two Rivers Water Reclamation Authority's Bond Counsel, McManimon & Scotland, reviewed it and had participated in the preparation of this, to protect this Authority. Mr. Baarck indicated that the form needs to indicate that there is no cost to the Two Rivers Water Reclamation Authority in this resolution. Mr. Gianforte read the following sentence to address Mr. Baarck's concern; ***all intended to be offered at no net cost to the local unit***, this is located at the bottom of page 57 of the meeting package. Further discussion ensued.

Mr. Gianforte read the following resolutions:

RESOLUTION #2011-09-77

RESOLUTION OF THE SERIES 2011A LOCAL UNIT PARTICIPATING IN THE MONMOUTH COUNTY IMPROVEMENT AUTHORITY'S SERIES 2011A RENEWABLE ENERGY PROGRAM, AND AUTHORIZING SUCH AUTHORITY TO APPLY TO THE LOCAL FINANCE BOARD FOR THE NECESSARY CONSENTS AND APPROVALS ON BEHALF OF SUCH PARTICIPANT, ALL IN CONNECTION WITH THE AUTHORITY'S COUNTY OF MONMOUTH GUARANTEED RENEWABLE ENERGY PROGRAM LEASE REVENUE BONDS, SERIES 2011A (FEDERALLY TAXABLE) IN AN AGGREGATE PRINCIPAL AMOUNT NOT TO EXCEED \$50,000,000 AND THE PARTICIPANT PROJECT FINANCED THEREBY

Mr. Tocci moved Resolution #2011-09-77 for adoption. The motion was seconded by Mr. Hartman and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. William R. Baarck, PE, Secretary
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Gregory J. Christopher
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

ENGINEERING COMMITTEE

ENGINEERING MANAGER'S REPORT

Collection System SCADA: Mr. Galvin reported that the hardware for the SCADA Pilot Program at Pump Station #5 was installed on September 15, 2011 and the Authority has been receiving more data back in the control room. The Authority needs some additional training to address the punch list, but the project is moving along.

Contract 135 MPS TAP BOX: Mr. Galvin reported that the generator test has been completed and the staff trained in its operation. There were no technical issues with the operation of the tap box and the contractor is closing out the punch list.

Contract 137 Underground Storage Tanks Removal and Above Ground Storage Tank Installation: Mr. Galvin reported that the project is under way. Delivery of the tank on site will be by the end of September. The contractor anticipates completion by the end of October.

Contract 140 Boiler Replacement Project: Mr. Galvin reported a preconstruction meeting was held on September 13, 2011. Birdsall is applying to the DCA for the asbestos removal permit. Once the permit is received, the contractor anticipates a 3 week period for removal of the asbestos and installation of the new boiler.

Contract 139 Emergency Repairs: Mr. Galvin reported that the two bids were received on September 14, 2011 and are being reviewed by the staff and Attorney. An update and possible action may be taken at the meeting. D & D Trenchless Solutions, Inc. (\$249,779.00) and A & J

Construction, Co. (\$311,525) submitted bids. D&D Trenchless Solutions withdrew their bid and the lowest bid was awarded to A&J Construction, Co.

Contract 122C-Pump Station #12- Mr. Galvin stated that the contractor has scheduled a test pit on the existing force main.

Site Plan: Highway 36, LLC, Coastal Gas, Block 114 Lots 12, 13 and 14, State Highway 36, West Long Branch: Mr. Galvin reported that the contractor has requested that final approval be granted to redo the gas station on the first floor and the second floor for office space. Mr. Christopher inquired about the location of the gas station.

CONSULTING ENGINEER'S REPORT

Mr. Applegate had one minor addition to his report in reference to the boiler replacement; the shop drawings have been reviewed and approved with minor exceptions. The boiler replacement contract is moving forward. Mr. Baarck inquired about the proposal that was submitted in May 21, 2011 that had to do with pump station #1; what happened in the intervals between May 21, 2011 and now. Mr. Gianforte responded that there was no action acted on it and the action was requested from the Board.

Mr. Christopher asked Mr. Applegate about the corrosion control mapping and inquired about the additional monitoring points. Mr. Applegate reported that there are approximately 6 additional monitoring points, and that there is a physical inspection scheduled for next Tuesday to make sure of the location of points that are highly suspect spots where corrosion will occur. Discussion ensued.

OPERATION MANAGER'S REPORT

Mr. Seaman had no additions to his report.

Mr. Gianforte read the following resolutions:

RESOLUTION #2011-09-70 AUTHORIZING THE EXECUTIVE DIRECTOR TO ORDER A REPLACEMENT PUMP FOR THE MAIN PUMP STATION

Mr. Tocci moved Resolution #2011-09-70 for adoption. The motion was seconded by Mr. Bonforte and carried by the following vote on roll call:

AYES:

Mr. Thomas Barham, Vice Chairman
Mr. William R. Baarck, PE, Secretary
Mr. Arno Weber, Assistant Secretary
Mr. Barry J. Berdahl, Ph. D, Treasurer
Mr. Richard Tocci, Assistant Treasurer
Mr. John Bonforte
Mr. Gregory J. Christopher
Mr. Scott Hartman
Mrs. Catherine D. LaPorta
Mr. William W. Nolze

MEMBERS ABSENT:

Mr. William E. Leonard, Chairman
Mr. Brian McPeak

**RESOLUTION #2011-09-71
AUTHORIZING THE ADVERTISEMENT FOR THE
PUMP STATION 13 BYPASS AND METER INSTALLATION**

Mr. Tocci moved Resolution #2011-09-71 for adoption. The motion was seconded by Mr. Bonforte and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. William R. Baarck, PE, Secretary
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Gregory J. Christopher
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

**RESOLUTION #2011-09-72
AUTHORIZING EXECUTIVE DIRECTOR TO ENTER INTO AN AGREEMENT WITH JERSEY
CENTRAL POWER AND LIGHT TO UPGRADE
THE ELECTRICAL SERVICE AT PUMP STATION 13**

Mr. Tocci moved Resolution #2011-09-72 for adoption. The motion was seconded by Mr. Bonforte and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

NAY:

- Mr. William R. Baarck, PE, Secretary
- Mr. Gregory J. Christopher

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

Mr. Baarck indicated that voltage deviation has been going on for most of the summer. Mr. Baarck and Mr. Gianforte spoke with JCP&L to discuss the wiring connections supplying the pump station and JCP&L's obligation to provide the Authority with regulated power. The Authority was told by the BPU that despite the kind of wiring or cable or lack thereof that JCP&L has on their poles they have obligation to provide the Authority with certain regulated voltage Mr. Baarck requested that

Mr. Laughlin contact the power company to see if there is an obligation to provide the Authority with regulated voltage. Further discussion ensued.

Mr. Gianforte reported on the storm response; that due to the hurricane Irene, the staff was extremely prepared. Mr. Gianforte indicated that there was a substantial amount of overtime for employees who were working to solve problems. Mr. Gianforte reported that the Authority will apply to FEMA. Mr. Baarck asked if there was any flooding in the control room and Mr. Gianforte responded no.

**RESOLUTION #2011-09-73
GRANTING FINAL APPROVAL FOR A MINOR SITE PLAN
TO HIGHWAY 36, LLC FOR PROPERTY KNOWN AS
BLOCK 114, LOTS 12, 13 & 14; IN THE BOROUGH OF WEST LONG BRANCH**

Mr. Christopher moved Resolution #2011-09-73 for adoption. The motion was seconded by Mr. Nolze and carried by the following vote on roll call:

AYES: Mr. Thomas Barham, Vice Chairman
Mr. William R. Baarck, PE, Secretary
Mr. Arno Weber, Assistant Secretary
Mr. Barry J. Berdahl, Ph. D, Treasurer
Mr. Richard Tocci, Assistant Treasurer
Mr. John Bonforte
Mr. Gregory J. Christopher
Mr. Scott Hartman
Mrs. Catherine D. LaPorta
Mr. William W. Nolze

MEMBERS ABSENT: Mr. William E. Leonard, Chairman
Mr. Brian McPeak

FINANCE AND INSURANCE COMMITTEE

Mr. Berdahl read the following Resolution.

**RESOLUTION #2011-09-74
AUTHORIZING PAYMENT OF BILLS**

Mr. Berdahl moved Resolution #2011-09-74 for adoption. The motion was seconded by Mr. Bonforte and carried by the following vote on roll call:

AYES: Mr. Thomas Barham, Vice Chairman
Mr. William R. Baarck, PE, Secretary
Mr. Arno Weber, Assistant Secretary
Mr. Barry J. Berdahl, Ph. D, Treasurer
Mr. Richard Tocci, Assistant Treasurer
Mr. John Bonforte
Mr. Gregory J. Christopher
Mr. Scott Hartman
Mrs. Catherine D. LaPorta
Mr. William W. Nolze

MEMBERS ABSENT: Mr. William E. Leonard, Chairman
Mr. Brian McPeak

Mr. Griffin reported on the summary of the deductions requested from Mr. Baarck in order to reduce relying on Net Assets Utilized in order to come closer to balancing the budget. Mr. Griffin reported that the accounts payable budget lines were reduced by \$417,440.00 and service income was reduced to reflect that reduction. Mr. Griffin also reported that the net result is the Net Assets Utilized went down from \$353,102.00 to \$197,996.00, a net reduction on Net Assets Utilized of \$155,000.00. Mr. Baarck asked if that was closer to what it was about 4 or 5 years ago and Mr. Griffin responded yes.

**RESOLUTION #2011-09-75
TO AMEND BUDGET SUBSEQUENT TO
ADOPTION PURSUANT TO N.J.A.C. 5:31-2.8**

Mr. Berdahl moved Resolution #2011-09-75 for adoption. The motion was seconded by Mr. Nolze and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. William R. Baarck, PE, Secretary
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Gregory J. Christopher
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

Mr. Applegate reported that the Authority received a letter from D&D Trenchless Solutions Inc. in reference to the withdrawal of the bid. Mr. Christopher asked which line item that the mistake was made on. Mr. Galvin responded that the line item 3.A was listed as \$35.00 as the unit price instead \$3,500.00. Discussion ensued.

**RESOLUTION #2011-09-76
RESOLUTION AWARDING CONTRACT NO. 139
EMERGENCY REPAIRS**

Mr. Tocci moved Resolution #2011-09-76 for adoption. The motion was seconded by Mr. Berdahl and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. William R. Baarck, PE, Secretary
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Gregory J. Christopher
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

**RESOLUTION #2011-09-78
AUTHORIZING THE EXECUTIVE DIRECTOR TO
ISSUE A REQUEST FOR PROPOSALS FOR
CURTAILMENT SERVICE PROVIDER IN
THE LOAD CURTAILMENT PJM DR / IRL PROGRAMS**

Mr. Berdahl moved Resolution #2011-09-78 for adoption. The motion was seconded by Mr. Tocci and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. William R. Baarck, PE, Secretary
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Gregory J. Christopher
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

Mr. Baarck asked Mr. Gianforte if the Authority had a spec as to what the Authority is looking for. Mr. Gianforte reported that the Authority used the Navy Specification two years ago for load curtailment. Mr. Gianforte reported that the Authority is utilizing the same one and has spoken with the contractor that had won it last time and the contractor indicated that the Authority is right on the mark with (ECS). Mr. Gianforte indicated that the Authority has been saving money and will continue to do so.

**RESOLUTION #2011-09-79
AWARDING THE BID FOR FURNISHING
15% SODIUM HYPOCHLORITE COMMENCING
NOVEMBER 01, 2011 THROUGH OCTOBER 31, 2013**

Mr. Tocci moved Resolution #2011-09-79 for adoption. The motion was seconded by Mr. Weber and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. William R. Baarck, PE, Secretary
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Gregory J. Christopher
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

**RESOLUTION #2011-09-80
AWARDING THE BID FOR POLYMER
(CATIONIC POLYACRYLAMIDE IN OIL EMULSION)
COMMENCING NOVEMBER 01, 2011 THROUGH OCTOBER 31, 2013**

Mr. Tocci moved Resolution #2011-09-80 for adoption. The motion was seconded by Mr. Weber and carried by the following vote on roll call:

AYES: Mr. Thomas Barham, Vice Chairman
Mr. William R. Baarck, PE, Secretary
Mr. Arno Weber, Assistant Secretary
Mr. Barry J. Berdahl, Ph. D, Treasurer
Mr. Richard Tocci, Assistant Treasurer
Mr. John Bonforte
Mr. Gregory J. Christopher
Mr. Scott Hartman
Mrs. Catherine D. LaPorta
Mr. William W. Nolze

MEMBERS ABSENT: Mr. William E. Leonard, Chairman
Mr. Brian McPeak

**RESOLUTION #2011-09-81
AWARDING THE BID FOR THE REMOVAL OF
HYDROGEN SULFIDE WITH BIOXIDE 71
COMMENCING NOVEMBER 01, 2011 THROUGH OCTOBER 31, 2012**

Mr. Tocci moved Resolution #2011-09-81 for adoption. The motion was seconded by Mr. Weber and carried by the following vote on roll call:

AYES: Mr. Thomas Barham, Vice Chairman
Mr. William R. Baarck, PE, Secretary
Mr. Arno Weber, Assistant Secretary
Mr. Barry J. Berdahl, Ph. D, Treasurer
Mr. Richard Tocci, Assistant Treasurer
Mr. John Bonforte
Mr. Gregory J. Christopher
Mr. Scott Hartman
Mrs. Catherine D. LaPorta
Mr. William W. Nolze

MEMBERS ABSENT: Mr. William E. Leonard, Chairman
Mr. Brian McPeak

**RESOLUTION #2011-09-82
AWARDING THE BID FOR THE REMOVAL OF
HYDROGEN SULFIDE WITH NITRATE OXYGEN
COMMENCING NOVEMBER 01, 2011 THROUGH OCTOBER 31, 2012**

Mr. Tocci moved Resolution #2011-09-82 for adoption. The motion was seconded by Mr. Weber and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. William R. Baarck, PE, Secretary
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Gregory J. Christopher
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

**RESOLUTION #2011-09-83
AWARDING THE BID FOR THE REMOVAL OF
HYDROGEN SULFIDE BY HYDROGEN PEROXIDE PROCESS
COMMENCING NOVEMBER 01, 2011 THROUGH OCTOBER 31, 2012**

Mr. Tocci moved Resolution #2011-09-83 for adoption. The motion was seconded by Mr. Weber and carried by the following vote on roll call:

AYES:

- Mr. Thomas Barham, Vice Chairman
- Mr. William R. Baarck, PE, Secretary
- Mr. Arno Weber, Assistant Secretary
- Mr. Barry J. Berdahl, Ph. D, Treasurer
- Mr. Richard Tocci, Assistant Treasurer
- Mr. John Bonforte
- Mr. Gregory J. Christopher
- Mr. Scott Hartman
- Mrs. Catherine D. LaPorta
- Mr. William W. Nolze

MEMBERS ABSENT:

- Mr. William E. Leonard, Chairman
- Mr. Brian McPeak

PERSONNEL COMMITTEE

Mr. Bonforte read the following resolution.

**RESOLUTION #2011-09-84
RATIFYING TRAINING AND
CONFERENCE REQUESTS**

Mr. Tocci moved Resolution #2011-09-84 for adoption. The motion was seconded by Mr. Nolze and carried by the following vote on roll call:

AYES: Mr. Thomas Barham, Vice Chairman
Mr. William R. Baarck, PE, Secretary
Mr. Arno Weber, Assistant Secretary
Mr. Barry J. Berdahl, Ph. D, Treasurer
Mr. Richard Tocci, Assistant Treasurer
Mr. John Bonforte
Mr. Gregory J. Christopher
Mr. Scott Hartman
Mrs. Catherine D. LaPorta
Mr. William W. Nolze

MEMBERS ABSENT: Mr. William E. Leonard, Chairman
Mr. Brian McPeak

Mr. Bonforte inquired about the tablets for the Commissioners. Mr. Gianforte reported that the Authority is still looking into this.

LEGAL AFFAIRS

Mr. Baarck had nothing to report.

OLD BUSINESS

Mr. Gianforte reported that the agreement with the Borough of Monmouth Beach will expire in December 2011. Mr. Gianforte has spoken with the representatives and will meet with them to negotiate a final revision to the agreement. Mr. Christopher asked which agreement and Mr. Gianforte indicated that this is the agreement with Monmouth Beach for payment in lieu of taxes which is about \$25,000.00. Discussion ensued.

NEW BUSINESS

There was no old business to discuss


OPEN TO THE PUBLIC

There was no public present

Mr. Barham moved that the Meeting adjourn at 7:20 p.m. seconded by Mr. Berdahl and carried by voice vote.

The Vice Chairman stated that final copies of approved Resolutions are available in the main office.

Respectfully submitted,



Mr. William R. Baarck, PE, Secretary