

**MINUTES OF THE REGULAR MEETING OF THE  
MOUNT LAUREL TOWNSHIP MUNICIPAL UTILITIES AUTHORITY**

September 22, 2016

Chairman Smith called the regular meeting of the Mount Laurel Township Municipal Utilities Authority to order at 7:05 p.m. in the Elbo Lane Water Treatment Plant Facility Meeting Room.

Those in attendance were:

Christopher Smith	Chairman
John Francescone	Vice Chairman
Cheryl Coco-Capri	Secretary
Geraldine Nardello	Member
Elwood Knight	Member

Also in attendance were:

Anthony Drollas	Solicitor
Russell Trice	Consulting Engineer
Pamela Carolan	Executive Director
David Wiest	Finance Director
Robert Adler	Operations Engineer
Chuck Bernheimer	Operations Director
Brian Scott	HR Director
Theresa Trumbetti	Stenographer

Chairman Smith announced that the notice requirements of the “Senator Byron M. Baer Open Public Meetings Act” have been satisfied. Annual notice has been transmitted to two newspapers; it has been prominently posted on the Municipal Bulletin Board and filed with the Mount Laurel Township Clerk.

**Minutes**

Following a motion made by Ms. Nardello, and seconded by Ms. Capri, the Board unanimously approved the minutes for the August 18, 2016 Regular Meeting, with affirmative votes from Ms. Nardello, Mr. Smith and Ms. Capri. Mr Knight abstained from voting.

Total votes: 3 ayes, 0 nays, 1 abstention, 1 absent

**Public Comment**

Mr. William Green attended the meeting and said he has been observing the articles regarding chromium in the water supply.

Mr. Al Martino and Mr. Mark J. D’Ulisse also attended the meeting.

Ms. Carolan said that recently a study by the Environmental Working Group was released regarding hexavalent chromium (aka chromium-6) – ewg.org is an organization that studies the effect of pesticides and other products on people.

Ms. Carolan explained that the MUA has always monitored for total chromium and has never exceeded the maximum contaminant level (MCL) for total chromium. The total chromium analysis includes all forms of chromium including hexavalent chromium. In 2013 the Unregulated Contaminant Monitoring Rule (UCMR) sampling added monitoring for hexavalent chromium which currently does not have an MCL. All analysis results were submitted to NJDEP and published in the MUA’s annual Consumer Confidence Reports for 2013, 2014 and 2015.

Ms. Carolan added that the current USEPA water quality limit (aka MCL) for total chromium is 100 parts per billion (ppb) and our results are substantially below that limit with a high of 0.82ppb and a range from 0.0 ppb -

0.82 ppb and samples have been collected from Elbo Lane Treatment Plant, the ASR, NJAWC and Willingboro interconnections.

Ms. Carolan noted that there is no federal (USEPA) or New Jersey (NJDEP) limit for hexavalent chromium however California has adopted a hexavalent chromium limit of 10 ppb with a goal of 0.02 ppb.

Ms. Carolan added that many water supplies in the US and in NJ have hexavalent chromium results in excess of California's 0.02 ppb goal; however none in NJ exceed California's 10 ppb limit including Mount Laurel MUA.

Mr. Bernheimer explained that the sole purpose of the UCMR is to identify contaminants and recommend appropriate regulations regarding them. If a limit for NJ were to be established, the State of NJ would review the information and put any warranted regulations in place.

Ms. Carolan noted that our present water treatment methods do not remove chromium.

Mr. Bernheimer said that chromium is commonly found in the earth's crust.

Mr. Green noted that he feels the soft water is picking up chromium in the pipes.

Ms. Carolan said that the majority of the pipes are cement lined ductile iron.

Mr. Francescone arrived at 7:20

Ms. Carolan noted that Mount Laurel MUA follows and complies with all NJDEP and USEPA primary and secondary drinking water standards.

Mr. Martino commented that since chromium is a known cancer causing agent – if California sets a lower standard, why isn't everyone else doing it and asked if Mt. Laurel has a goal and is Mt. Laurel satisfied with the limit.

Ms. Carolan replied that we follow NJDEP and USEPA standards and do not have the expertise or resources to investigate or develop different standards.

Ms. Carolan noted that New Jersey has a group called the Drinking Water Quality Institute that looks into these types of issues – they are appointed by the Governor – and they are an advisor to the NJDEP and they are about to be investigating the chromium-6 issue.

Mr. Smith left the meeting.

Mr. Francescone said there is a non-governmental organization called the NJ Environmental Federation that promotes clean water in New Jersey and suggested that anyone can follow what they are currently doing to promote clean water in the state.

Mr. Francescone noted that California typically sets trends, is often aggressive and sets not always feasible goals. Mt. Laurel is well below the current standards and has a high quality of clean water and Mt. Laurel is still way below even California's current standards.

Mr. Francescone added that Mt. Laurel MUA insists on high standards and it is not really known what the facts are regarding chromium's effects.

Mr. Martino said it is hard to believe why couldn't a municipality set its own standards and noted that NJ's taxes are higher than anyone else's.

Mr. Trice explained that Mt. Laurel MUA buys water from NJAWC and is mandated to, so we don't have control over the interconnection and treatment plants would have to be built at each interconnection – it would be prohibitively costly and it is a sophisticated process to remove chromium and it uses a huge amount of water. The cost could be in the tens of millions of dollars.

The Board thanked Mr. Green, Mr. Martino and Mr. D'Ulisse for attending the meeting.

### **Developments/New Connections**

Following a motion made by Mr. Knight, and seconded by Ms. Capri, the Board unanimously approved Resolution No. 2016-09-97 Resolution Allowing the Release of Performance Bonds for the Vet Specialists of North America, 2051 Briggs Road, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Knight and Mr. Francescone.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Ms. Capri, the Board unanimously approved Resolution No. 2016-09-98 Resolution Declaring Briad Development East, LLC in Default of its Obligations to Complete the Outstanding Punch List Regarding Water and Sewer Utilities and Authorizing All Appropriate Action to Recover on Posted Performance Guarantees and Financial Assurance for Completion of the Utility Work on the Wendy's at Centerton Square Project, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Knight and Mr. Francescone.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

## **Operations**

### **Water System Summary**

Mr. Bernheimer noted that there have been 2 main breaks since the last meeting; however, all facilities are functioning well.

Mr. Bernheimer added that annual hydrant flushing recently began and is scheduled to continue 24 hours a day, seven days a week through early October.

Mr. Bernheimer reported that we have recovered the last of the ASR water for the 2015/2016 cycle – 180MG. We are now at the end of the pilot banking program for the ASR and our off peak purchase starts now at 550MG from NJAWC.

### **Wastewater System Summary**

Mr. Bernheimer reported that 5 pumping stations are operating outside of normal parameters.

Mr. Bernheimer also reported 1 force main break on Elbo Lane – there were no overflows and it was due to a 2" hole at the bottom of the 18' primary force main pipe.

Also, the Birchfield pumping station malfunctioned, which was mishandled by our operator and caused overflows on Birchfield Drive.

## **Presentation of Engineer's Status Report**

Mr. Trice presented the report.

### **Country Lane Water Main Installation and Hunter's Pump Station Force Main Replacement**

This project included installation of 1,000 LF of new 8" water main and the replacement of the Hunter's pump station force main which includes 1,800 LF of 4" pipe. This contract, in the amount of \$497,450.00, was awarded to DSC Construction, Inc. at the Authority's October 16, 2014 meeting. GIS information was resubmitted by the contractor, reviewed and again returned for correction. An agreement was reached with the contractor for the repair of the unmarked sewer lateral. The contractor had requested \$11,000 but agreed to accept \$6,600. I recommend that the Board approve the resolution regarding this change order tonight.

### **Hartford Road WPCF and Elbo Lane WTP SCADA System Improvements**

This project includes the replacement of the entire SCADA system at the Hartford Road WPCF and the upgrade of the SCADA system at the Elbo Lane WTP. Allied Control Services, Inc. was awarded the contract in the amount of \$688,705.00 at the Authority's August 2015 meeting; the contract completion date was May 12, 2016. The contractor is coordinating with the Authority's IT consultant on the installation of a new alarm auto-dialer at the Hartford Road WPCF. This is the last item of work to complete at that site. The contractor is proceeding with the modified scope of work at the Elbo Lane WTP; however, coordination with the Authority's IT consultant is also required at this site to complete the work.

### **Birchfield and Timbercrest Pump Stations Level Control System Upgrades**

This project includes replacement of the control systems and other electrical equipment at the Authority's Birchfield PS and Timbercrest PS. Scalfio Electric, Inc. was awarded the contract in the amount of \$235,000.00 at the Authority's August 2015 meeting; the contract completion date was February 12, 2016. One punch list item and closeout documentation remains to must be completed.

St. David Drive Road Water Main Replacement

The project includes the replacement of 4 and 6" water main with approximately 1,700 LD of 8" water main. The contract in the amount of \$414,000.00 was awarded to DSC Construction, Inc. at the Authority's June 16, 2016 meeting. The contractor is actively working on the project. Approximately 1,100 LF of water main has been installed.

Wharton Road Water Main Replacement

This project was fast tracked due to the number of breaks during the summer of 2015. Replacement of approximately 240' of 8" main was included in the project scope. A contract was awarded to DSC Construction Inc. in the amount of \$147,242.00 at a special meeting held on September 11, 2015. The new main is installed and in service. GIS as-built information remains to be submitted. There is also a paved area where water is ponding that must be addressed. The area where the ponding is occurring is at the location of a previous water main break, which was repaired by the Authority. The contractor is claiming that he only replaced the asphalt and that any settlement that is occurring is a result of the Authority's main repair work.

East Park and Turnpike Pump Stations Level Control and Electrical Equipment Upgrades

This project includes the replacement of the wet well level control systems and the installation of new electrical equipment at both stations. The contract was awarded to MJF Electrical Contracting, Inc. in the amount of \$215,000 at the Authority's February 18, 2016 meeting.

PSE&G installed the new electrical service at the East Park Pump Station earlier this week and the contractor is wiring up the new control panel and running wiring to the new and existing equipment. The contractor estimates it will take one week to complete the electrical work which means the station could be switched over to the new service and control panel next week.

The contractor is waiting on the delivery of the new control panel and pumps to complete his work at the Turnpike Pump Station.

Hartford Road WPCF UV Tank Slide Gate Replacement

KRS Services, Inc. was awarded the contract in the amount of \$138,169.00 at the Authority's April 2016 meeting. The new slide gates are scheduled to be shipped the week of October 10th. A meeting will be held next week to discuss the sequence of operation needed to shut down the UV tank to enable the slide gates to be installed.

FY-2016 Pump Station Painting

The scope of this project includes corrosion control painting of interior and exterior surfaces and piping at the Amberfield, College, Holiday Village East and Stonegate pumping stations. Pro-Spec Painting, Inc. was awarded the contract in the amount of \$77,080.00 at the Authority's April 2016 meeting. The contractor has completed painting the 4 pump stations; however, some areas need to be checked to verify that the paint thickness meets the specifications.

Grant Avenue and St. Andrews Drive Water Main Replacements

This project includes two areas of water main replacements: 1. approximately 990 LF of 6" CIP with 8" DIP and 350 LF of 10" CIP water main on Grant Avenue including the replacement of multiple valves and hydrants on Grant, Cornwallis and Amsterdam, and approximately 1,140 LF of 4" CIP with 6" DIP water main on South St. Andrews Drive from Ramblewood Parkway to the end of St. Andrews Court. The project will be advertised for bids next week and bids received and awarded at the October meeting.

Hartford Road Force Main Connection Replacement- Phase I

This project includes the replacement of approximately 3000' of 24" DIP force main in Hartford Road between Union Mill Road and the Route 38 ROW, and the installation of approximately 4000' of 2" PVC low pressure force main. Plans and profiles are being finalized and construction details added to the drawings. Specifications

are also being drafted. Borings must be taken along the route to determine the ground water conditions and traffic control plans must be submitted to the County to obtain approval to perform the borings as well as the new force main installation.

#### Hartford Road WPCF Pump Station Upgrade

We have started to prepare design drawings for the replacement of the pumps, controls and other equipment at a pump station located at the treatment plant. The station is an integral part of the plant since it collects drainage from a number of facilities throughout the plant. There have been ongoing problems with the pumps and controls at the station.

#### Closed Session

A motion was made by Ms. Nardello, seconded by Ms. Capri, voted on and unanimously approved to pass Resolution 2016-09-99 to close the meeting to discuss Regulatory Matters, Litigation and Potential Litigation, which are exempt from open meetings under the Sunshine Law, at 8:07 p.m.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Regulatory Matters, Litigation and Potential Litigation – SEE CLOSED PORTION II OF MEETING

The meeting was re-opened at 8:28 p.m., following a motion made by Mr. Knight, and seconded by Ms. Capri and with unanimous agreement from Mr. Francescone, Ms. Capri, Mr. Knight and Ms. Nardello.

#### Contracts

Following a motion made by Ms. Nardello, and seconded by Ms. Capri, the Board unanimously approved Resolution No. 2016-09-100 Resolution Approving Appointment of Willis of New Jersey, Inc. to provide Property Insurance Coverage through the American Alternative Company in the amount of \$167,469.00 for the Mount Laurel Township Municipal Utilities Authority, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Capri, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-101 Resolution Approving Appointment of Willis of New Jersey, Inc. to provide Public Officials Liability Insurance Coverage through Darwin National Insurance Company in the amount of \$16,207.00 for the Mount Laurel Township Municipal Utilities Authority, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Capri, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-102 Resolution Approving Appointment of Willis of New Jersey, Inc. to provide Boiler and Machine Insurance Coverage through the Hartford Steam Company in the amount of \$15,427.00 for the Mount Laurel Township Municipal Utilities Authority, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Capri, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-103 Resolution Approving Appointment of Willis of New Jersey, Inc. to provide Cyber Liability Insurance Coverage through CSC/Lloyd's of London in the amount of \$4,000.00 for the Mount Laurel Township Municipal Utilities Authority, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-104 Resolution Approving Change Order No. 2 for East Park & Turnpike Pump Station Level Control Upgrades Contract No. 2015-18, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-105 Resolution Approving Change Order No. 4 for Birchfield and Timbercrest Pump Station Level Control Upgrades Contract No. 2015-04, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-106 Resolution Approving Change Order No. 2 – FY 2016 Sanitary Sewer Rehabilitation Contract No. 2015-19, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-107 Resolution Approving Change Order No. 4 – Country Lane Sanitary Sewer Force Main and Water Main Construction Project Contract No. 2014-15, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-108 Resolution Approving Award of Contract to Rio Supply, Inc. in the amount of \$207,665.00 Following Receipt of Competitive Bids – Water Meters - Contract No. 2016-11, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Mr. Knight, the Board unanimously approved Resolution No. 2016-09-109 Resolution Approving Award of Contract to Franc Environmental. in the amount of \$32,400.00 Following Receipt of Competitive Bids – Municipal Wastewater Treatment Plant Sludge Holding Tank Cleaning Sludge, Grit & Rags Removal - Contract No. 2016-10, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Ms. Capri, the Board unanimously approved Resolution No. 2016-09-110 Resolution Approving Appointment of Willis of New Jersey, Inc. to provide Environmental Insurance Coverage through Zurich Insurance Company in the amount of \$48,840.00 for the Mount Laurel Township Municipal Utilities Authority, with affirmative votes from Ms. Nardello, Ms. Capri, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

### **Accounting and Financial**

Following a motion made by Mr. Knight, and seconded by Ms. Capri, the Board unanimously approved the Treasurer's Report for July 2016 and Payment Plan Status Report for August 2016, with affirmative votes from Ms. Capri, Ms. Nardello, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Mr. Knight, and seconded by Ms. Nardello, the Board unanimously approved Requisition #563 in the Amount of \$410,476.63 approving Accounts Payable Vouchers, with affirmative votes from Ms. Capri, Ms. Nardello, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Ms. Nardello, and seconded by Ms. Capri, the Board unanimously approved Requisition #4507 in the amount of \$775.48 from the Acquisition and Construction List, with affirmative votes from Ms. Capri, Ms. Nardello, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Following a motion made by Mr. Knight, and seconded by Ms. Nardello, the Board unanimously approved Requisitions #3443 through #3482 in the amount of \$493,244.18 from the Renewal and Replacement List, with affirmative votes from Ms. Capri, Ms. Nardello, Mr. Francescone, Mr. Knight.

Total votes: 4 ayes, 0 nays, 0 abstentions, 1 absent

Discussion regarding Fire Service Accounts

Mr. Adler showed a map outlining the fire service accounts.

Mr. Francescone asked Mr. Adler to provide a spreadsheet showing details of all fire service accounts which could be used to determine customer fees.

**Comments:**

Ms. Carolan noted that Rowan College students recently toured our water treatment facility and the sewer treatment plant tour is scheduled for next week – there were 25 students.

Mr. Francescone noted that he stopped at the MUA booth at the Fall Festival and it looked very good.

Following a motion made by Mr. Knight, seconded by Ms. Nardello, and with unanimous agreement from the members, the meeting was adjourned at 8:43 p.m.