

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ June 28, 2018

The Board Directors of Lower Bucks County Joint Municipal Authority held their monthly meeting on Thursday June 28, 2018 at the Authority's Administration Building located at 7811 New Falls Road, Levittown, Pennsylvania 19055.

CALL TO ORDER

Mr. Chase, Chairman, called the meeting to order at 7:02 P.M., which was followed by the Pledge of Allegiance and a moment of silence for all of our service men and women.

ROLL CALL

Mrs. Magro took roll call as follows:

BOARD MEMBERS PRESENT:

James Chase
Joseph Glasson
Cindy Murphy
John Monahan
Bobbie DePalo
Rich Altmiller

ALSO PRESENT

Vijay Rajput, Ph.D., P.E., Managing Director
Debbie Magro, Administrative Secretary
James A. Downey, III, Solicitor
Nancy Burnell, Meter Department Supervisor
Mike Andrews, WWTP Manager, Engineering Assistant
Phil Smythe, Field Technician/Lift Station Supervisor
Mike Hoelzle, Assistant Superintendent, WTP
Bob Serpente, Consulting Engineer

PUBLIC PARTICIPATION

Some residents from Hawk and Hunt Roads were present to speak to the Board concerning the water main replacement project. Mr. Greger of 9 Hunt Road stated that he has been told from some residents on Rusthill Road in the Red Rose Gate Section that they received a letter stating that there are Parasites and Bacteria in the water, Mr. Chase replied that there was not, Mr. Greger asked if there was documentation stating this with Mr. Chase replying that there was. The Board went on to explain that the Authority is governed by the DEP and they have strict rules and regulations that the Authority must adhere to. There was also concern from the residents present at the meeting of the inconvenience water main replacement on their streets was going to cause, there are many residents that work from home, who have small children and elderly people that need water throughout the day, why can't this be done after summer. Mr. Altmiller explained that the Authority's system is sixty plus years old and quite a bit of money is spent

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every year to update their system for its rate-payers. Mr. Altmiller also informed everyone that the Authority has the lowest rates and the highest quality water in the state. When Dr. Rajput came on board the system was in bad shape, we didn't have money in the bank and we had bonds, now that he has taken over, the system is in better shape, we have money in the bank and our bonds are paid. Dr. Rajput stated that the Authority has a considerable amount of water main breaks which is mainly due to the age of the lines. When this happens residents are inconvenienced and also have no prior notice of it happening. In light of this, we have reviewed the entire system and have developed a list and allocated money for this project, so the only time it can be accomplish this is in the summer. The Authority's plan is to eventually replace every, right now we are concentrating on the lines that are in the worst condition and work on from there. The residents informed the Board that they were told by some plumbers that it was possible for the Authority to abandon the main, dig a hole and install a new line. Mr. Chase informed them that the Township will not allow that. Mr. Glasson added that the Board did explore that possibility and in certain circumstances it is a viable option, however, what the Townships want us to do was not feasible, it would have cost more money to abandon the line and run a new one than to dig and replace as we go. The Board was asked by the residents if they can be given a schedule of times when the work is going to be done on their streets. The Board explained that it is not possible to give a definite time due to unforeseen circumstances such as a sewer back up in another section which takes precedence over anything else.

After a lengthy discussion, the Board assured the residents that they will take everything that was talked about this evening and come up with a plan that will hopefully better suit the resident's requests.

APPROVAL OF THE JUNE, 2018 ACCOUNTS PAYABLE AS PRESENTED TO THE BOARD DIRECTORS.

MOTION

Mr. Monahan made a motion, seconded by Mr. Glasson, approving the June, 2018 Accounts Payable as presented.

ROLL CALL ON THE MOTION

Mr. Monahan	Aye
Mrs. Murphy	Aye
Mr. Altmiller	Abstain (not present at the May Board Meeting)
Mr. Chase	Aye
Mr. Glasson	Aye
Mrs. DePalo	Aye

Motion carried 5 Aye Votes – 1 Abstention

APPROVAL OF THE BOARD MEETING MINUTES OF MAY 24, 2018

MOTION

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Mr. Glasson made a motion, seconded by Mrs. Murphy, approving the Board Meeting Minutes of April 26, 2018 with the correction on page 6.

ROLL CALL ON THE MOTION

Mr. Monahan	Aye
Mrs. Murphy	Aye
Mr. Altmiller	Abstain
Mr. Chase	Aye
Mr. Glasson	Aye
Mrs. DePalo	Aye

Motion carried 5 Aye Votes – 1 Abstention

MANAGING DIRECTORS REPORT

CONTRACT WWTP-384: REPLACEMENT OF ROOFING SYSTEMS AND ASSOCIATED WORK ON VARIOUS BUILDINGS AT THE WATER AND WASTEWATER TREATMENT PLANTS

Bids will be received on July 20, 2018 and a mandatory pre-bid meeting will be held on July 17, 2018. This project involves removal, replacement and or repairing the existing roofing systems on various buildings located at the Water and Wastewater Treatment Plants. The required contract documents for this contract are in the process of being completed. The results of this bid will be presented to the Board at the July meeting.

LONG TERM 2 ENHANCED SURFACE WATER TREATMENT RULE (LT2ESWTR)

In compliance with the Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR), the Authority conducted Delaware River Water (raw water) monitoring for *Cryptosporidium*, *Giardia* and *E-Coli* for a period of 24 months (2015-2017). Based on the results of *Cryptosporidium* monitoring, PADEP has reclassified the Delaware River source water as Bin 2. As a result of this bin 2 re-classification, we are required to provide a 1-log additional treatment for *Cryptosporidium*. The Authority has started evaluation of several available alternatives. Two main alternatives that we are reviewing involves (1) additional credit utilizing operational changes to the existing treatment among the available tool box options under Chapter 109, and (2) adding Chlorine Dioxide as pre-chlorination for additional log treatment for *Cryptosporidium*. We need to submit our response to PADEP on or before July 18, 2018. We will also be required to obtain a permit from PADEP.

WATER DISTRIBUTION SYSTEM MAINTENANCE PROGRAM – REHABILITATION/REPLACEMENT OF WATER DISTRIBUTION SYSTEM MAINTENANCE PROGRAM = REHABILITATION/REPLACEMENT OF EXISTING WATER MAINS = PHASE III

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The Authority is in a process of completing a water main replacement at Rust hill Road. This project involves replacing the existing 8 inch Cast Iron Pipe with new 8 inch Ductile Iron (DI) Pipe of approximately 1300 linear feet.

REHABILITATION OF THE EXISTING H-PATTERN (VALVING SYSTEM AT THE WATER TREATMENT PLANT)

The existing two (2) twenty (20) inch water mains that conveys potable water from the Water Plant to the Water Distribution System contains five (5) each 12 inch gate valves and interconnected in an H-pattern. These valves are old and one is broken creating operational problems and excessive energy losses. In order to maintain the required water supply, we need to keep the third existing 24 inch water main in operation which will require isolation of the two 20 inch water mains. Based on our through evaluation, it is determined that the only feasible option is to install two 20 inch insertion valves, one on each 20 inch water main. The Authority has retained LCF Construction to install two 20 inch insertion valves on the two 20 inch water mains. The total estimated cost of this work is \$100,000. We have attempted to solicit another bid but were not successful. We have consulted with Mr. Downey and he concurred that the circumstances are such that there is a necessity for an emergency procurement as there exists a threat to the integrity of the water distribution system and that the Authority has complied with the Commonwealth Procurement code. Also, this work is specialized work. LCF Construction will be installing the above mentioned two insertion valves on July 23rd. We are planning to perform rehabilitation of the H-pattern in-house. The work will be done by our Field Department. The existing H-pattern will be removed and replaced by a 20 inch ductile iron pipe with two each 20 inch butterfly valves. Our plan is to keep the entire water distribution system operational during the above rehabilitation work.

WATER TREATMENT LABORATORY

The Authority as completed and submitted the required renewal application package for the renewal of our Water Treatment Plant Laboratory Certificate of Accreditation to operate as a Pennsylvania Accredited laboratory with the required application fee of \$1,400.00.

LOCAL LIMITS REEVALUATION/HEADWORK ANALYSIS – PRETREATMENT PROGRAM

As per the requirements of the renewed NPDES permit for the Wastewater Treatment Plant and USEPA requirements, we have received approval on a list of the local limit parameters for the evaluation. The pollutants approved for local limit evaluation are similar to the ones we currently have. Monitoring has been scheduled for a period from July 5th to July 10th to collect data mainly on sludge effluent to digester and removal efficiencies across Primary Treatment process.

WATER TREATMENT PLANT COVER OVER CHLORINE CYLINDER STORAGE AREA

Per the requirements of PADEP, the Authority is required to provide a cover over the area where the chlorine cylinders are stored in order to prevent direct exposure to sun light. We have prepared a draft

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plan for the proposed cover and have submitted it to PADEP for their response and determination. A PADEP permit is required for this project.

Contract WWTP-388: Disposal of Dewatered Sludge from the Authority's Wastewater Treatment Plant

Notice of Intent to Award has been sent to (**Waste Management**) along with all contract documents for signature. Once we receive the completed documents they will be forwarded to Mr. James A Downey, III, Esquire for review. The duration of this contract is three (3) years.

CONTRACT WTP-389: DISPOSAL OF DEWATERED SLUDGE FROM THE AUTHORITY'S WATER TREATMENT PLANT

Notice of Intent to Award has been sent to (**Waste Management**) along with all contract documents for signature. Once we receive the completed documents they will be forwarded to Mr. James A Downey, III, Esquire for review. The duration of this contract is three (3) years.

CONTRACT NO. WTP 390: FURNISH AND SUPPLY HYDRATED LIME – WATER TREATMENT PLANT

Notice of Intent to Awards have been sent to **Greer Industries (Greer Lime Company)** for Item #1 and **Carmeuse Lime and Stone Company** for Item #2 of the contract along with all contract documents for signature. Once we receive the completed documents they will be forwarded to Mr. James A Downey, III, Esquire for review. The duration of this contract is two (2) years.

2017 ANNUAL WATER QUALITY REPORT – CONSUMER CONFIDENCE REPORT

As per the requirements of PADEP, the Consumer Confidence Report (CCR) certification along with a copy of our CCR for the reporting year of 2017 was submitted to PADEP. The Water Quality Report is posted on the Authority's website.

WATER ALLOCATION PERMIT COMPLIANCE REPORT

The required annual Water Allocation Compliance Report for the reporting year of 2017 was submitted to PADEP in accordance with their requirements.

CONTRACT NO. C-838: FURNISH AND SUPPLY CHEMICALS FOR THE WATER AND WASTEWATER TREATMENT PLANTS

ITEM NO. 1: CHLORINE:

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Notice of Award has been issued to the Contractor (**JCI Chemical**). The duration of this contract is two (2) years.

ITEM NO. 2: SODIUM POTASSIUM ZINC POLYPHOSPHATE/ZINC POLYPHOSPHATE:

Notice of Award has been issued to the Contractor (**George S. Coyne Chemical Co., Inc.**). The duration of this contract is two (2) years.

ITEM NO. 3: FLUOROSILICIC ACID:

Notice of Award has been issued to the Contractor (**Univar USA, Inc.**). The duration of this contract is two (2) years.

ITEM NO. 4: POTASSIUM PERMANGANATE:

Notice of Award has been issued to the Contractor (**Univar USA, Inc.**). The duration of this contract is two (2) years.

ITEM NO. 5: LIME SLURRY TREATMENT CHEMICAL – CALGON BLR-3715:

Notice of Award has been issued to the Contractor (**George S. Coyne Chemical Co., Inc.**). The duration of this contract is two (2) years.

ITEM NO. 6: POWDERED ACTIVATED CARBON:

Notice of Award has been issued to the Contractor (**Thatcher Co. of NY**). The duration of this contract is two (2) years.

CONTRACT WWTP-391: FURNISH AND DELIVER THREE (3) GRINDERS FOR THE WASTEWATER PUMP STATIONS

This project is a part of this year's Capital Improvement Budget. The Authority is in the process of completing bid documents for the purchase of three (3) grinders for the installation at three (3) additional Wastewater Pump Stations.

CONTRACT NO. WWTP-381: FURNISH AND SUPPLY STONE DURING 2018-2019 – PARTICIPATION IN THE 2018-2019 BUCKS COUNTY CONSORTIUM HIGHWAY MATERIALS JOINT BID

Notice of Award has been issued to the Contractor (**Eureka Quarry**). The duration of this contract is one (1) years.

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UPGRADE OF THE SCADA SYSTEM AT THE WATER TREATMENT PLANT

This is an ongoing project. We are continuing the upgrade of the existing computers and SCADA System at the Water Treatment Plant. This project is being completed in phases. We are using Allen Bradley conversion parts to replace the hardware in order to cut back on the down time and re-wiring time when physically switching out the PLC hardware and testing the new Control Logix hardware and software. Most of the required electrical work is being done in-house by the Authority's electrician.

WWTP-190: WASTEWATER TREATMENT PLANT SCADA SYSTEM UPGRADE

As a part of the ongoing installation/upgrade of the SCADA System at the Wastewater Treatment Plant, we are continuing to upgrade the existing PLCs, VFDs, and connecting all equipment and process controls to the SCADA System at the WWTP operation room. In this regard, we have already received the required CLX hardware to replace the existing outdated PLC-5 for the Dissolved Air Flootation (DAF) System from Rumsey Electric Company. Most of the required electrical work is being done in-house by the Authority's electrician.

Water and Wastewater Systems

The average daily drinking water supplied for the month of May 2018 was approximately 7.75 MGD. The monthly average effluent flow from the Wastewater Treatment Plant was approximately 8.28 MGD for the month of April 2018.

FINANCE MANAGER'S REPORT

Mrs. Dunn was not present at the meeting but previously gave her report to the Board.

SOLICITOR'S REPORT – JAMES A. DOWNEY, III, ESQUIRE

Mr. Downey noted that the Executive Session was held from 6:35 P.M. to approximately 7:05 P.M., at which time potential litigation, litigation and matters involving Union arbitrations. There are two (2) Union Arbitrations, conference scheduled on Monday July 2, 2018 with potentially in either mid-October or mid-November an American Arbitration Association Grievance hearing regarding an issue concerning overtime. A matter indexed at #2056-2016 in the Court of Common Pleas at which time the Authority received an offer to settle. Mr. Downey is asking for a motion from the Board to either accept or turn down the offer.

MOTION

Mr. Altmiller made a motion, seconded by Bobbie DePalo, to turn down the offer.

ROLL CALL ON THE MOTION

Mr. Monahan	Aye
Mrs. Murphy	Aye

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Mr. Altmiller Aye
Mr. Chase Aye
Mr. Glasson Aye
Mrs. DePalo Aye
Motion carried unanimously

Mr. Downey stated that there was a trial in Doylestown in which Mr. Smythe was again a substantial part and a help to me indexed at number 2017-4147 on May 7, 2018 in front of Judge Mellon and he issued an order that the people that live at 7 New School Lane must remove trees and grind stumps within sixty (60) days of the hearing.

There is a pending case indexed at no 0136-2016 involving 79 Tall Pine Lane that is about resolved.

QUESTIONS/COMMENTS

Mr. Glasson had a question on the settlement that the Board just declined are we in any area where the Insurance Co. have anything to say like they did the last time. Mr. Downey replied that they are not involved at all.

OLD BUSINESS

There was no Old Business brought before the Board at this time.

NEW BUSINESS

There was no New Business brought before the Board at this time.

PUBLIC PARTICIPATION

There was no Public Participation.

ADJOURNMENT

Mr. Altmiller made a motion, seconded by Mrs. DePalo, to adjourn the Board meeting at 8:00 P.M.
Motion carried unanimously.

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Respectfully submitted by:

Cynthia Murphy
Secretary

CM/dm
DPM0036