

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ July 26, 2018

The Board Directors of Lower Bucks County Joint Municipal Authority held their monthly meeting on Thursday July 26, 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 who have risked their lives and given their lives every day to protect our freedom.

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
Phil Smythe, Field Technician/Lift Station Supervisor
Mike Hoelzle, Assistant Superintendent, WTP
Bob Serpente, Consulting Engineer

PUBLIC PARTICIPATION

Mike Nye who lives at 67 Idlewild Road and is on the Bristol Township Environmental Advisory Council addressed the Board saying that there hasn't been any recent minutes added to the Authority's website. Mr. Chase advised Mr. Nye that it will be looked into.

Mr. Bob Harvie – 15 Nottingham Court, Fallsington, and Falls Township Board Chairman thanked Mr. Chase, Mr. Altmiller, Dr. Rajput, Mr. Downey and staff, as well as members from Middletown Township, Falls Township and Bristol Township who attended a meeting that was held on Monday July 17th. I feel that it was a productive meeting regarding some of the easement issues that have been going on and some of the problems that you are facing and we are hearing about as well. I think we left the meeting with the

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understanding that we can all move forward to make our jobs collectively easier. Mr. Harvie also stated that he has had a few informal discussions with some Board Members and some questions were raised regarding representation from Falls Township and Middletown on this Board which Mr. Downey went through the history of that at the July 17th meeting

Mr. Chase informed Mr. Harvie that this Board is moving forward with some of the esement matters that were discussed at the meeting. Mr. Harvie informed the Board that there will be a formal request from Falls Township to begin having meetings with staff and professionals to look into some options in terms of Falls having at least one (1) representative on this Board. Mr. Altmiller asked if Falls is interested in buying into the Authority with Mr. Harvie answering that they haven't had discussions on that level as yet.

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

MOTION

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

QUESTIONS/COMMENTS

Mr. Altmiller questioned the following invoice(s):

Allied Building Products

Invoice #Z996370

Amount: \$1,190.50

Tools to use with siding brake tool - Electrician

Fred Walcott stated that this tool was used on the sheds at the Water Plant but is not sure why it says Electrician. Mr. Altmiller has asked for clarification.

Allied Building Products

Invoice #3334

Amount: \$688.50

30 gallon drum Wash N Shine Car Wash

Dr. Rajput explained that this is used at the Wastewater Treatment Plant to wash vehicles and equipment.

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Mrs. Murphy questioned the following invoice

Bentley Systems, Inc.

Invoice #47922803

Amount: \$2,816.00

Water Gems 1000 pipes renewal 7/21/18 – 7/20/2019

Dr. Rajput explained that this is a computer software program for water distribution network analysis.

ROLL CALL ON THE MOTION

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

Motion carried unanimously

APPROVAL OF THE BOARD MEETING MINUTES OF JUNE 28, 2018

MOTION

Mr. Altmiller made a motion, seconded by Mrs. DePalo, approving the Board Meeting Minutes of June 28, 2018.

ROLL CALL ON THE MOTION

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

Motion carried unanimously

PRETREATMENT VARIANCES

Anthony's Pizza, 5261 New Falls Road. After speaking with the owner, Dr. Rajput advised that he would need to speak with Susan Wallover, Pretreatment Coordinator.

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MANAGING DIRECTORS REPORT

CONTRACT WWTP-392: INSTALLATION OF CURED-IN-PLACE SANITARY SEWER LINING IN VARIOUS LOCATIONS – PHASE IV (WASTEWATER COLLECTION SYSTEM)

This project is part of the Authority's ongoing Wastewater Collection System Rehabilitation Program. This phase involves Cured-In-Place Lining (CIPP) of the Authority's sanitary sewer pipe of approximately 97,000 lineal feet ranging in size from 8 inches to 15 inches. This project is being designed and managed in house. A mandatory pre bid meeting for the purpose of answering questions relative to the scope of the work was conducted on July 17, 2018.

Contract documents and specifications were prepared for rebid. The bid opening was held on July 23, 2018, results are listed below:

Bidder	Total Base Bid Amount
IPR Northeast, LLC 10555 Tucker St Beltsville, MD 20705	\$3,197,920.00
AM-Liner East, Inc. 601 Jack Enders Blvd Berryville, VA 22611	\$3,784,550.00

After reviewing all documentation, it is recommended awarding Contract No. WWTP-392: Installation of Cured-In-Place Sanitary Sewer Lining In Various Locations – Phase IV to IPR Northeast, LLC located at 10555 Tucker Street, Beltsville, MD 20705 for a total base bid amount of \$3,197,920.00.

MOTION

Mr. Altmiller made a motion, seconded by Mrs. Murphy, to award Contract No. WWTP-392: Installation of Cured-In-Place Sanitary Sewer Lining In Various Locations – Phase IV to IPR Northeast, LLC located at 10555 Tucker Street, Beltsville, MD 20705 for a total base bid amount of \$3,197,920.00.

ROLL CALL ON THE MOTION

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

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

This project involves the rehabilitation and retrofitting of approximately 9600 square feet of roof surface area. A mandatory pre bid meeting was held on July 16, 2018 for the purpose of answering questions relative to the scope of the work.

Contractor Name	Bid Amount
Munn Roofing Corp 3413 Unionville Pike Hatfield, PA 19440	\$311,000.00
Winchester Roofing Corp 8 Democrat Way Gibbsboro, NJ 08026	\$481,371.28

After reviewing all documentation, it is recommended awarding Contract No. WWTP-384: Replacement of Roofing Systems and Associated Work on Various Buildings at the Water and Wastewater Treatment Plants to Munn Roofing Corp., 3413 Unionville Pike, Hatfield, PA 19440 for a total base bid amount of \$311,000.00.

MOTION

Mrs. Murphy made a motion, seconded by Mr. Monahan, to award Contract No. WWTP-384: Replacement of Roofing Systems and Associated Work on Various Buildings at the Water and Wastewater Treatment Plants to Munn Roofing Corp., 3413 Unionville Pike, Hatfield, PA 19440 for a total base bid amount of \$311,000.00.

ROLL CALL ON THE MOTION

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

PROJECT WTP 140: WATER TREATMENT PLANT SCADA SYSTEM UPGRADE

The Authority is continuing the upgrade/retrofit of the existing PLCs and SCADA Systems at the Water and Wastewater Treatment Plants. The existing PLC's and hardware, are from Allen Bradley Company which is now a part of Rockwell Company.

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The required CLX hardware to replace/retrofit the existing PLCs and hardware need to be purchased solely from Rockwell Company through a distributor. The Authority comes under protected territory of Rumsey Electric Company.

Location	Approximate Cost
PLCs conversion/retrofit for High Service Pump System	\$31,000
PLCs conversion/retrofit for Low Duty Pump Station	\$24,000
PLCs conversion/retrofit for Lime/Carbon Feed System	\$21,000
PLCs conversion/retrofit for Emergency Generator	\$23,000
PLCs conversion/retrofit for Emergency Generator	\$22,000
PLCs conversion/retrofit for Meter Shop Building @ WTP	\$12,000
TOTAL ESTIMATED COST:	\$133,000

PROGRESS UPDATE:

- Both SCADA computers were converted from the old 32 bit SCADA software to the new 64 bit Factory Talk software platform.
- Upgraded the main PLC – 5 in the Press building to the new Control Logix platform hardware and converted the PLC program to the Studio 5000 software platform.
- Upgraded three (3) PLC processors in the Press Building, one for each press and one for the main control panel
- All new processors were connected to the SCADA plant network and developed a new screen on the SCADA computer that allows the operators to start a press and monitor the current status of both presses from the SCADA computers.

MOTION

Mr. Altmiller made a motion, seconded by Mrs. Murphy, to approve the additional cost for WTP-140: Water Treatment Plant SCADA System Upgrade not to exceed \$150,000.

QUESTIONS/COMMENTS

Mr. Nye mentioned that we have a number of nations/states that are interested in sabotaging our systems, water system so he inquired about the security of the SCADA system. Dr. Rajput assured Mr. Nye that the Authority's utmost concern is and always be security for all locations.

ROLL CALL ON THE MOTION

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

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PROJECT WWTP 190: WASTEWATER TREATMENT PLANT SCADA SYSTEM UPGRADE

Presently, we are working on upgrading/converting the existing PLCs to CLX hardware in the DAF building at the Wastewater Treatment Plant. It appears that different replacement hardware will need to be purchased in order to complete this project. The estimated cost of the hardware is approximately \$30,000. This is mainly due to the fact that some of the parts that were ordered and received are not correct retrofit parts. Dr. Rajput has been in touch with the Rumsey's Vice President and Technical Manager who has agreed to meet on Friday July 27th. to sort everything out.

PROGRESS UPDATE:

- Converted the PLC-5 program for the DAF building. Still need to install the PLC hardware, download and test the new converted program.
- Installed two (2) new SCADA computers at the WWTP, one at the main office and one in the PC building.
- Integrated the centrifuge HMI screens into the new SCADA computers and developed new screens for the flow equalization building and blower building into the SCADA computers.

A discussion ensued with the Board asking Mr. Downey if the company recommended and provided this part/product and it is incorrect does the Authority have any recourse. Mr. Downey replied that he would need to review before commenting. It was decided to wait until after Dr. Rajput's meeting tomorrow and see how things turn out.

MOTION

Mr. Altmiller made a motion, seconded by Mr. Monahan, to approve the additional cost for WWTP-190: Wastewater Treatment Plant SCADA System Upgrade not to exceed \$30,000. And to also see what can be done regarding the delivery of the incorrect parts.

QUESTIONS/COMMENTS

Mr. Nye mentioned that we have a number of nations/states that are interested in sabotaging our systems, water system so he is inquiring about the security of the SCADA system. Dr. Rajput assured Mr. Nye that security anywhere within the Authority is and always will be handled with the utmost care.

ROLL CALL ON THE MOTION

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

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LONG TERM 2 ENHANCED SURFACE WATER TREATMENT RULE (LT2ESWTR)

In compliance with Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR), the Authority has submitted a detailed report containing data on the existing high rate dual media filter's performance for the last twenty four (24) months. This data demonstrated that the Authority's high rate dual media filters are already providing 1-log additional treatment *Cryptosporidium* and is already in full compliance with the LT2ESWTR. As a result of this the Authority proposed to the PADEP to continue utilizing Treatment Performance Toolbox Option for the additional 1-log treatment requirement. PADEP through a letter dated July 19, 2018, approved the above proposed Tool box option and issued a Public Water Supply Permit. The Authority will also continue evaluating feasibility of inactivation tool box options involving Chlorine Dioxide and Ozone as an alternative.

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

As was stated in Mike Andrew's report, the Authority has completed the replacement of approximately 1300 linear feet of 8 inch water mains on Rust Hill Road. The next area will be Rose Apple Road and will be replacing approximately 1370 linear feet. This work is tentatively scheduled to start from July 30th.

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

Work involving the installation of 20 inch insertion valves on the existing 20 inch water main has started and is scheduled to be completed by July 26, 2018 by LCF Construction. The rehabilitation of the H-pattern will be performed by the Authority's Field Department. The existing H-pattern will be removed and replaced by a 20 inch ductile iron pipe with two (2) each 20 inch butterfly valves. The plan is to keep the entire water distribution system operational during the above rehabilitation work.

LOCAL LIMITS REEVALUATION/HEADWORK ANALYSIS – PRETREATMENT PROGRAM

Monitoring to collect data on sludge effluent to the digester and removal efficiencies across Primary Treatment process was completed during a period from July 5th to July 10th. We are currently waiting for analytical data from the lab.

WATER TREATMENT PLANT COVER OVER CHLORINE CYLINDER STORAGE AREA

Review comments have been received from PADEP regarding the draft drawing for the proposed cover/enclosure. It appears that the Authority may require a Water Quality Management Permit. A meeting with PADEP will take place to discuss their comments and to finalize the plans.

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CONTRACT WWTP-388: DISPOSAL OF DEWATERED SLUDGE FROM THE AUTHORITY'S WASTEWATER TREATMENT PLANT

Notice to Proceed has been issued to Waste Management. The duration of this contract is three (3) years.

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

Notice to Proceed has been issued to Waste Management. The duration of this contract is three (3) years.

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

Notice to Proceed has been issued to Greer Industries for item #1 and Carmeuse Lime and Stone Company for item #2 of this contract. 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 part of the Authority's 2018 Capital Improvement Budget. Bid documents are being completed for the purchase of three (3) grinders for installation at three (3) additional Wastewater Pump Stations. Bids will be received during the month of June 2018.

WATER AND WASTEWATER SYSTEMS

The average daily drinking water supplied for the month of June 2018 was approximately 7.73 MGD. The monthly average effluent flow from the Wastewater Treatment Plant was approximately 8.35 MGD for the month of May 2018.

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

Mr. Downey noted that the Executive Session was held from 6:30 P.M. to approximately 7:00 P.M., at which time litigation and potential litigation were discussed.

Case #2016-0136 – Sanitary Sewer Easement Violation – 79 Tall Pine Lane
Waiting for a Tree Loan Application to complete case.

Case #2017-4147 – Pending Sanitary Sewer Easement Violation – 7 New School Lane
Court date was 5/7/18, defendants did not appear and the judge gave the homeowners 60 days to remove trees and grind stumps. Homeowners never replied, never replied to the court with notice of the court decision. Mr. Downey is requesting authorization to compel the homeowners to comply.

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MOTION FOR CASE #2017-4147

Mr. Altmiller made a motion, seconded by Mr. Glasson, instructing Mr. Downey to proceed with the next step.

ROLL CALL ON THE MOTION

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

Motion carried unanimously

MOTION NEEDED FOR CASE #2016-2056

MOTION

Mr. Altmiller made a motion, seconded by Mrs. DePalo, to refuse to make an offer to settle.

ROLL CALL ON THE MOTION

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

Motion carried unanimously

KUDOS

Mr. Downey stated that many in this room have gone through the anxiety of taking an exam. You have an employee, Michael Andrews the Authority's WWTP Manager/Engineering Assistant who just earned his P.E. which is extremely difficult to achieve.

FINANCE MANAGER'S REPORT

Mrs. Dunn handed her report earlier to the Board for review. Mrs. Dunn informed the Board that TD Bank has increased the Authority's interest rate from .85% to 1%.

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Employee Status:

- Disability - One employee – return date unknown
- Workers' Compensation – one employee scheduled to return to work on July 30th.

OLD BUSINESS

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

NEW BUSINESS

Cancellation of the August 2018 Board Meeting

MOTION

Mr. Altmiller made a motion, seconded by Mrs. Murphy, to advertise the cancellation of the August Board Meeting. In the event a meeting is needed, Dr. Rajput could re-advertise at that time. And as we have done in the past in order to have the monthly bills paid, an email will be sent or a phone call made requesting approval of the bills and they would then be ratified at the September 28, 2017 Board Meeting.

ROLL CALL ON THE MOTION

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

PUBLIC PARTICIPATION

Mr. Nye wanted to add on to his previous statement saying the Authority's website could use updating. Mr. Chase replied that we are currently working on it.

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ADJOURNMENT

Mr. Altmiller made a motion, seconded by Mrs. DePalo, to adjourn the Board meeting at 7:30 P.M.
Motion carried unanimously.

Respectfully submitted by:



Cynthia Murphy
Secretary

CM/dm
DPM0012