

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

The Board of Directors of Lower Bucks County Joint Municipal Authority (Authority) held their monthly meeting on Thursday, September 28, 2023, at the Authority's Administration Building located at 7811 New Falls Road, Levittown, Pennsylvania 19055.

Call to Order

Mr. Glasson, Chairman, called the meeting to order at 7:00 PM, which was followed by the Pledge of Allegiance. Mr. Glasson asked everyone to take a moment to remember all those who keep us safe every day.

Roll Call

Mrs. Burnell took roll call as follows:

Present: Joseph Glasson
James Morgan
Michele Hammar
Cynthia Murphy
Bryan Servis
Michael Sidoti

Absent

Also Present: Vijay S. Rajput, Ph.D., P.E., Managing Director
Colleen Dunn, Finance Manager
Nancy Burnell, Meter Department Supervisor
Bryce McGuigan, Esquire

Public Participation

No public participation

Ratification of July and August 2023 Accounts Payable

Motion: Mrs. Murphy made a motion, seconded by Mr. Sidoti to approve July and August 2023 Accounts Payable as presented to the Board of Directors.

Roll Call on the Motion

Mr. Glasson Aye
Mr. Morgan Aye
Mrs. Hammar Aye
Mrs. Murphy Aye
Mr. Sidoti Aye
Mr. Servis Aye

Motion carried unanimously.

** Mr. Glasson abstained from any McIntyre Plumbing, Benjamin Franklin Plumbing & Glasson Enterprises invoices.

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

Approval of Invoice for Benjamin Franklin Plumbing

Dr. Rajput requested approval for a Benjamin Franklin Plumbing invoice in the amount of \$600.83 from the Board of Directors meeting on June 29, 2023, as there was not a quorum for the approval of this invoice.

Motion: Mr. Servis made a motion, seconded by Mrs. Murphy, to approve an invoice from Benjamin Franklin Plumbing in the amount of \$600.83.

Roll Call on the Motion

Mr. Glasson	Abstain
Mr. Morgan	Aye
Mrs. Hammar	Aye
Mrs. Murphy	Aye
Mr. Sidoti	Aye
Mr. Servis	Aye

Motion carried. Mr. Glasson abstained for personal reasons.

Approval of the September's 2023 Accounts Payable

Motion: Mrs. Murphy made a motion, seconded by Mr. Servis, to approve September 2023 Accounts Payable as presented to the Board of Directors.

Roll Call on the Motion

Mr. Glasson	Aye
Mr. Morgan	Aye
Mrs. Hammar	Aye
Mrs. Murphy	Aye
Mr. Sidoti	Aye
Mr. Servis	Aye

Motion carried unanimously.

** Mr. Glasson abstained from any invoices to McIntyre Plumbing, Benjamin Franklin Plumbing & Glasson Enterprises.

Approval of the June's 2023 Board Meeting Minutes

Motion: Mr. Sidoti made a motion, seconded by Mrs. Hammar, to approve the May 2023 Board Meeting minutes as presented to the Board of Directors.

Roll Call on the Motion

Mr. Glasson	Aye
Mr. Morgan	Aye
Mrs. Hammar	Aye
Mrs. Murphy	Aye
Mr. Sidoti	Aye
Mr. Servis	Abstain

Motion carried. Mr. Servis abstained as he was not in attendance at this meeting.

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

MANAGING DIRECTOR'S REPORT

Dr. Rajput requested the Board of Directors to ratify the following motions that were electronically approved during the months of July and August 2023:

MOTION 1: The Board approved Contract No. WWTP-461 to purchase of two (2) each 2HP Tornado surface aerators manufactured by Fluence from Sherwood Logan Associates for a total amount of \$40,000.00 for the installation in the influent channel of Ultraviolet disinfection system. However, based on further evaluation and the requirement to increase the DO level to 4.0 mg/L in the plant effluent, it is estimated that we will need 5HP units. This will increase the total cost from \$40,000 to \$46,684. Therefore, we would like to request the Board for its consideration to approve the purchase of two (2) 5HP Tornado surface aspirating aerator/mixers as manufactured by Fluence from Sherwood-Logan & Associates under their COSTARS Contract No. 388549 for the total amount of \$46,684.00.

Motion: Mrs. Murphy made a motion, seconded by Mr. Sidoti, to approve the purchase of two (2) 5HP Tornado surface aspirating aerator/mixers as manufactured by Fluence from Sherwood-Logan & Associates for the total amount of \$46,684.00.

Roll Call on the Motion

Mr. Glasson	Aye
Mr. Morgan	Aye
Mrs. Hammar	Aye
Mrs. Murphy	Aye
Mr. Sidoti	Aye
Mr. Servis	Aye

Motion carried unanimously.

MOTION 2: The Board approved Contract #WTP-462 to furnish and install approximately 1300 linear feet of 8-inch water main at Veterans Highway using directional drilling method to Brandywine Directional Drilling, LLC for a total amount of \$129,300. However, further evaluation of the existing water main location revealed that approximately 2100 linear feet of water main needs to be installed. With the additional 800 feet, the total quoted price increased from \$129,300 to \$211,800. This will eliminate two (2) dead ends by looping the existing 8-inch water main located on Veterans Highway in front of Racket Club Apartments to that on Oakland Avenue. Dr. Rajput requested the Board for its consideration to award Contract No. WTP-462 to furnish and install approximately 2100 linear feet of 8-inch water main at Veterans Highway using directional drilling to Brandywine Directional Drilling, LLC for a total amount of \$211,800.

Mrs. Murphy asked how you found out that the water mains that were marked on prints were incorrect. Mr. Andrews replied when the Authority went out to verify the existing water mains, they were found to be marked incorrectly on the prints.

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

Motion: Mr. Servis made a motion, seconded by Mr. Morgan, to approve Contract No. WTP-462 to furnish and install approximately 2,100 linear feet of 8-inch water main at Veterans Highway using directional drilling to Brandywine Directional Drilling, LLC for a total amount of \$211,800.00.

Roll Call on the Motion

Mr. Glasson Aye
 Mr. Morgan Aye
 Mrs. Hammar Aye
 Mrs. Murphy Aye
 Mr. Sidoti Aye
 Mr. Servis Aye

Motion carried unanimously.

CONTRACT WWTP-451: FURNISH AND DELIVER ROCK SALT (SODIUM CHLORIDE) FOR THE 2023-2024 SEASON THROUGH BUCKS COUNTY CONSORTIUM-SALT BID

Dr. Rajput stated that the Bucks County Consortium opened bids for the purchase of rock salt for the 2023-2024 season on August 16, 2023. The results of the bid opening are summarized in the following Table:

BIDDER	BID AMOUNT	
	Price \$/Ton Delivered	Price \$/Ton Undelivered
Silvi Concrete Products (DBA Riverside Construction Materials, Inc.)	\$66.00	\$65.85
Morton Salt, Inc.	\$66.43	\$66.00
Eastern Salt	\$89.90	\$89.90
American Rock Salt	\$97.80	\$90.00

Dr Rajput stated that Silvi Concrete Products (DBA Riverside Construction), located at 355 Newbold Road, Fairless Hills, PA. submitted the lowest bid of \$66.00/ton delivered. Last year's bid price was \$47.75/ton delivered; this is an \$18.25/ton increase. Dr. Rajput recommended awarding Contract WWTP-451-Furnish and Deliver Rock Salt for the 2023-2024 Season to Silvi Concrete Products (DBA Riverside Construction Materials, Inc.) with a bid price of \$66.00/ton delivered as per the specifications and conditions contained in the bid documents.

Motion: Mrs. Hammar made a motion, seconded by Mr. Morgan, to approve Contract WWTP-451 to Furnish and Deliver Rock Salt for the 2023-2024 Season to Silvi Concrete Products (DBA Riverside Construction Materials, INC.) with a bid price of \$66.00/ton delivered as per the specifications and conditions contained in the bid documents.

Roll Call on the Motion

Mr. Glasson Aye
 Mr. Morgan Aye
 Mrs. Hammar Aye
 Mrs. Murphy Aye
 Mr. Sidoti Aye
 Mr. Servis Aye

Motion carried unanimously.

Lower Bucks County Joint Municipal Authority
Board Meeting Minutes ~ September 2023

PURCHASE OF TWO (2) SOLIDS HANDLING PUMPS TO PUMP CENTRATE FROM
SLUDGE DEWATERING CENTRIFUGE CENTRATE PIT TO PLANT INFLUENT PIT

Dr. Rajput stated that to comply with the new ammonia nitrogen discharge limit, it has been determined that the centrate from the dewatering centrifuge needs to be conveyed to the plant influent pit instead of the dissolved air flotation unit. As a trial, we have been conveying centrate to the grit building using a temporary portable 6-inch pump and temporary piping for about two months and the discharge limits have been in compliance ever since. Dr. Rajput explained that since the temporary piping cannot be used in the winter, we are rehabilitating existing underground waste sludge piping which is currently not in use. In this regard, new pumps are needed to pump the centrate through the existing waste sludge line to the plant influent pit or grit removal system. A quotation has been obtained to purchase two new 4-inch solids handling pumps with the required rail system and control panel from Municipal Maintenance Company under their COSTARS Contract. The total quoted price is \$17,580.00. This does not include installation cost and SCADA programming, which will be done separately. Dr. Rajput requested the Board for its approval consideration to purchase the above stated two (2) 4-inch solids handling pumps with the required rail and control panels with a total quoted amount of \$17,580.00 from Municipal Maintenance Company under COSTARS Contract #016-E22-242.

Motion: Mrs. Murphy made a motion, seconded by Mr. Sidoti, to approve the purchase of two (2) 4-inch solids handling pumps as presented by Dr. Rajput for a total amount of \$17,580.00 from Municipal Maintenance Company under their COSTARS contract.

Roll Call on the Motion

Mr. Glasson	Aye
Mr. Morgan	Aye
Mrs. Hammar	Aye
Mrs. Murphy	Aye
Mr. Sidoti	Aye
Mr. Servis	Aye

Motion carried unanimously.

REPLACEMENT OF THE EXISTING CENTRATE PIT

Dr. Rajput stated that the centrate pit is old and needs to be replaced with a larger size concrete pit to handle the centrate volume and to facilitate installation of the pumps. In this regard, a quotation has been obtained to furnish a 10'x13'x9' concrete pit from Atlantic Concrete Company with a total quoted price of \$20,885.00 plus delivery cost of \$950.00. Dr. Rajput stated that we will need to rent a crane to unload and set the pit in place. Excavation will be performed in-house by our field department.

Dr. Rajput requested the Board for its approval consideration to purchase a 10'x13'x9' concrete pit with a total quoted amount of \$20,885.00 from Atlantic Concrete Company.

Motion: Mr. Sidoti made a motion, seconded by Mr. Servis, to approve the purchase of a 10'x13'x9' concrete pit with a total quoted amount of \$20,885.00 plus applicable delivery cost from Atlantic Concrete Company.

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

Roll Call on the Motion

Mr. Glasson Aye
Mr. Morgan Aye
Mrs. Hammar Aye
Mrs. Murphy Aye
Mr. Sidoti Aye
Mr. Servis Aye

Motion carried unanimously.

ELECTRIC SUPPLY AGREEMENT

Dr. Rajput stated that the present electric supply contract with Constellation New Energy, Inc. is due to expire on January 4, 2024. We have started researching market conditions and costs. As expected, this price fluctuates from day to day depending upon market conditions. As an alternative option, we are also discussing participating in an energy auction market. It is necessary to watch the market and lock in the electric supply price when we, in our best judgement, believe it is low considering the market trend. Dr. Rajput requested the Board approval and authorization to work with any qualified supplier including participation in an energy auction market and lock in the price and execute the required agreements to supply electric for a duration of one to three years on fixed price basis depending upon market condition and pricing.

Motion: Mrs. Murphy made a motion, seconded by Mr. Sidoti to authorize Dr. Rajput to work with any qualified supplier and lock in the price and execute the required agreement to supply electricity for a duration of one to three years on fixed price basis depending upon market condition and pricing.

Roll Call on the Motion

Mr. Glasson Aye
Mr. Morgan Aye
Mrs. Hammar Aye
Mrs. Murphy Aye
Mr. Sidoti Aye
Mr. Servis Aye

Motion carried unanimously.

INSERTION VALVE INSTALLATION AT THE WATER TREATMENT PLANT

Dr. Rajput stated that there are valves that are 60 and 70 years old and inoperable and need to be replaced. It is necessary to install an insertion valve to isolate a 20" water line to allow replacement of one of the broken valves. We have received a proposal from LCF Construction Inc. to install a 20" insertion valve on the existing 20" water main. This is specialized work. LCF Company has performed similar work for the Authority before and their services have been very satisfactory. Dr. Rajput would like to request the Board's approval for an amount not to exceed \$70,000 to furnish and install the 20" insertion valve to be installed at the Water Treatment Plant by LCF Construction, Inc.

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

Motion: Mr. Sidoti made a motion, seconded by Mrs. Murphy, to approve the furnishing and installation of a 20" insertion valve by LCF Construction Inc, at the water treatment plant for an amount not to exceed \$70,000.00.

Roll Call on the Motion

Mr. Glasson	Aye
Mr. Morgan	Aye
Mrs. Hammar	Aye
Mrs. Murphy	Aye
Mr. Sidoti	Aye
Mr. Servis	Aye

Motion carried unanimously.

Dr. Rajput requested the Board for its consideration to cancel the Board meeting for November 24, 2023, due to its conflict with the Thanksgiving holidays.

Motion: Brian Servis made a motion, seconded by Mr. Morgan to approve the cancelation of the Board Meeting for November 24, 2023

Roll Call on the Motion

Mr. Glasson	Aye
Mr. Morgan	Aye
Mrs. Hammar	Aye
Mrs. Murphy	Aye
Mr. Sidoti	Aye
Mr. Servis	Aye

Motion carried unanimously.

Dr. Rajput reported that the following items are for Board information purposes:

CONTRACT #WWTP-401B: INSTALLATION OF ULTRAVIOLET DISINFECTION SYSTEM IN THE CHLORINE CONTACT BASINS AT THE WASTEWATER TREATMENT UNDER COSTARS CONTRACT

Dr. Rajput stated that a progress meeting was held on September 13, 2023, to review project progress and the updated schedule. The contractor has completed construction of the required partition walls in chlorine contact tanks #2 and #3 as part of Phase 1 & 2 of the project. Chlorine contact tank #3 is currently out of service to facilitate the installation of the partition wall. The solar canopy contractor is in the process of submitting permit applications to Bristol Township and PECO.

WWTP LABORATORY ASSESSMENT

Dr. Rajput stated that we have submitted the required Corrective Action Response to PADEP.

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

WTP LABORATORY ASSESSMENT

Dr. Rajput stated that on September 21, 2023, PADEP conducted an on-site assessment of our Water Treatment Plant Laboratory. The assessment report will be reviewed when it is received, and any required response will be submitted to PADEP.

WATER ALLOCATION PERMIT COMPLIANCE REPORT

Dr. Rajput reported that the Water Allocation Compliance Report for the water system was completed and submitted to PADEP for the reporting year of 2022. We would like to thank Nancy Burnell for her assistance in preparing this report.

ANNUAL SURFACE WATER USE REPORT - DRBC

Dr. Rajput stated as per the requirements of the DRBC, the annual Surface Water Usage Report of our water system for the reporting period of July 1, 2022, to June 30, 2023, has been submitted.

DELAWARE RIVER DRINKING WATER SOURCE PROTECTION COLLABORATIVE - DELAWARE RIVER BASIN COMMISSION

Dr. Rajput informed the Board that the Delaware River Basin Commission (DRBC) is initiating the formation of the Delaware River Water Source Protection Collaborative. The mission of this initiative is to serve as a cooperative and voluntary collaborative working toward the goal of improved source water protection for the Delaware River, in recognition of the vital role of the river in supplying drinking water to millions of people. Dr. Rajput participated in the first meeting and will attend the second meeting scheduled for October 17, 2023.

POLYFLUOROALKYL SUBSTANCES (PFAS) - PROPOSED RULE

Dr. Rajput reported that we prepared and submitted a written response to requests for comments and recommendation related to proposed legislative language to carry out action with respect to PFAS and for other purpose to address the treatment, management, and destruction of PFAS and other emerging contaminants.

A-35: REPLACEMENT OF UKG-KRONOS TIME CLOCK REPLACEMENT

Dr. Rajput reported that the Authority purchased Kronos 4500-time clocks in 2009 which will reach their end of life in the beginning of 2024. We have been working with Ultimate Kronos Groups (UKG) (Kronos has migrated to UKG), to upgrade the five (5) time clocks. The new clocks can use the existing setup. Colleen & Jennifer will install the new clocks. The estimated cost to replace the existing time clocks is \$20,750 and the cost for support services for the clock for one year is \$ 2,242.50.

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

2023 AVAILABLE OPERATOR REPORTS FOR WATER AND WASTEWATER TREATMENT PLANTS

Dr. Rajput stated per the requirements of PADEP, the 2023 available Operator Reports were prepared and submitted to PADEP along with the Chapter 302 annual service fees for our Wastewater and Water System.

WATER AND WASTEWATER SYSTEMS

Dr. Rajput reported that the average daily drinking water supplied for the month of August was approximately 6.74 MGD. The monthly average effluent flow from the wastewater treatment plant for the month of August 2023 was approximately 5.86 MGD.

PERFLUOROOCETANESULFONIC ACID (PFOS) & PERFLUOROOCETANOIC ACID (PFOA)

Dr. Rajput reported under the USEPA UCMR 5 study, the Authority completed three quarterly monitoring of its treated potable water from the Water Treatment Plant for 29 per- and polyfluoroalkyl substances (PFAS) (including PFOS and PFOA) and lithium. We are happy to report that all 29 per- and Polyfluoroalkyl substances (PFAS) including PFOS and PFOA and lithium were non detect/below the detection limits.

LOCAL LIMITS REEVALUATION/HEADWORKS ANALYSIS – PRETREATMENT PROGRAM

Dr. Rajput reported that per the requirements of the new NPDES permit for the Wastewater Treatment Plant and USEPA requirements, we have submitted a list of the local limit parameters for the evaluation and sampling plan to USEPA and PADEP for their review and approval. As per my virtual conference discussion with USEPA Pretreatment Coordinators regarding the Headwork Analysis requirement in the Authority's draft NPDES permit, the current language in the new NPDES permit is the USEPA's standard language and will stay and the Authority will not be required to conduct any additional sampling and can use the existing data from 2020-2023. This will alleviate additional sampling costs and allow the Authority to check headwork loading using the existing monitoring data to make sure that local limits are still good.

Solicitor's Report

Mr. McGuigan stated that there was an executive session from 6:30 pm. to 6:55 pm. at which time personnel matters were discussed. At this time there is no active Solicitors Report.

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ September 2023

Finance Manager's Report

Mrs. Dunn presented the Municipal Obligation for 2024. The estimated amount for the Supervisor's plan is \$98,951 and the estimated amount for the non-Supervisor's plan is \$350,106. Mrs. Dunn asked for consideration to approve payment of the 2023 MMO in the amount of \$404,447 with an additional payment amount of \$200,000 for both Supervisor's plan and the non-Supervisor plan making the total payment \$804,447.

Motion: Mrs. Murphy made a motion, seconded by Mr. Morgan, to approve payment for the Municipal Obligation of \$404,447. with an additional payment amount of \$200,000 on the Supervisors plan and an additional payment amount of \$200,000 on the non-Supervisors plan making the Authority's total payment for 2023 \$804,447.00.

Roll Call on the Motion

Mr. Glasson	Aye
Mr. Morgan	Aye
Mrs. Hammar	Aye
Mrs. Murphy	Aye
Mr. Sidoti	Aye
Mr. Servis	Aye

Motion carried unanimously.

Old Business

No old business

New Business

No new business

Public Participation

No public participation.

Adjournment

Mrs. Murphy made a motion to adjourn the board meeting at 7:38 PM. Motion carried unanimously.

Respectfully submitted by:


Michele Hammar, Secretary