

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ April 22, 2021

The Board Directors of Lower Bucks County Joint Municipal Authority held their monthly meeting on Thursday, April 27, 2021 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 P.M., which was followed by the Pledge of Allegiance. Mr. Glasson asked everyone to take a moment for all those who keep us safe every day.

Roll Call

Mrs. Burnell took roll call as follows:

Present: Michele Hammar
Joseph Glasson
James Chase
Michael Sidoti
Cynthia Murphy

Absent: Mr. Monahan

Also Present: Vijay Rajput, Ph.D., P.E., Managing Director/Director of Operations
Mike Andrews, WWTP Manager/ Engineering Assistant
Phil Smythe, Field Technician
Nancy Burnell, Meter Department Supervisor
James A. Downey, III, Solicitor

Public Participation

There wasn't any public participation.

Approval of the April's 2021 Accounts Payable

Motion: Mr. Chase made a motion, seconded by Mr. Sidoti to approve April's 2021 Accounts Payables as presented to the Board Directors.

Roll Call on the Motion

Mrs. Murphy	Aye
Mr. Chase	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye
Mr. Sidoti	Aye

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Motion carried unanimously.

* Mr. Glasson abstained from any invoices to McIntyre Plumbing, Benjamin Franklin Plumbing & Glasson Enterprises for the year 2021.

Approval of the April 22, 2021 Board Meeting Minutes

Motion: Mr. Chase made a motion, seconded by Mr. Sidoti, to approve April 22, 2021 Board Meeting Minutes.

Roll Call on the Motion

Mr. Sidoti	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Abstained
Mrs. Hammar	Aye

Motion carried unanimously.

Dr. Rajput reported that the High Service Pump #1 at Water Treatment Plant is not performing properly. Both the pump and motor need to be repaired or rebuilt on an emergency basis. In this regard we have obtained a proposal from Longo Electrical - Mechanical, Inc. to repair high service pump #1 and its motor under COSTARS contract. Their quoted price under COSTARS Contract number 016-100 is \$30,750.00. It is our opinion that currently, it is more cost-effective to rebuild the High Service Pump and motor than to replace it. Therefore, we would like to recommend to the Board for its consideration to retain Longo Electrical-Mechanical Inc. to repair/rebuild the High Service Pump #1 and its motor for a total cost of \$30,750 under the COSTARS contract number 016-100. We have received an opinion letter from the Authority's solicitor confirming the above.

Motion: Mr. Chase made a motion, seconded by Mrs. Murphy, to approve repairing or rebuilding the High Service Pump #1 and its motor by Longo Electrical-Mechanical Inc. for the total amount of \$30,750.00 under the COSTARS contract number 016-100.

Roll Call on the Motion

Mr. Sidoti	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

Motion carried unanimously.

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Currently, one of the four existing pumps (each 3600 GPM capacity) at Kenwood Wastewater Pump station is in poor condition and needs to be replaced. It is not economical to rebuild this pump. These pumps are critical for the operation of the pump station. Considering that these pumps are long lead items and are very critical to the operation of the main pump station, the Authority needs to have at least one spare back-up pump. It is also a requirement to have a spare back-up pump in inventory for emergency under infrastructure preparedness and maintenance program pertaining to critical parts and equipment. These pumps are considered proprietary and specific to fit into the existing volutes, piping configuration and spaces of the existing conditions at the station. In this regard we have obtained a quotation from Municipal Maintenance Co. (PA COSTARS Vender no. 267572) to furnish and supply two (2) Yeomans Dry pit submersible pumps with 3600 GPM capacity to retrofit replace the existing pump. Their total quoted price for the two pumps is \$123,600. The Authority's solicitor Mr. James A. Downey II, Esquire also agreed that since these pumps are replacements, they do not constitute new additions, extensions or enlargement of the existing facilities and equipment and are proprietary, and thus exempt from the purchasing requirements of the Commonwealth of Pennsylvania. Therefore, we would like to recommend to the Board for its consideration to purchase two Yeomans dry pit submersible pumps from Municipal Maintenance for the amount of \$123,600.00.

Motion: Mr. Sidoti made a motion, seconded by Mr. Chase to approve the purchase of two Yeomans dry pit submersible pumps for the total amount of \$123,600.00 from Municipal Maintenance Company for the replacement of the existing pumps at the Kenwood pump station.

Roll Call on the Motion

Mr. Sidoti	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

Motion carried unanimously.

Dr. Rajput reported that the Authority has received the merchant services proposal from Republic Bank located at 999 South Oxford Valley Road, Fairless Hills, Pennsylvania. As you can see from the Republic Bank's proposal, in our opinion, it is a very good proposal and should benefit the Authority. Therefore, we would like to recommend to the Board for its consideration to approve utilizing Republic Bank for the Authority's daily banking needs and opening the necessary Authority's Bank accounts at Republic bank including opening the Authority's Money Market account and rollover the existing CD into this money market account and authorizing the Managing Director to begin process of opening the Authority's necessary accounts and process of moving the Authority's fund from TD bank

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to Republic bank. The Authority would immediately realize an increase in interest rate on the Authority's revenue account of 0.05%.

Motion: Mrs. Murphy made a motion, seconded by Mr. Chase to approve utilizing Republic Bank for the Authority's daily banking need and opening the necessary Authority's Bank accounts at Republic bank including opening the Authority's Money Market account and rollover the existing CD into this money market account and authorizing the Managing Director to begin process of opening the Authority's necessary accounts and process of moving the Authority's fund from TD bank to Republic bank including starting a process of changing the Authority's bank from TD Bank to Republic Bank.

Roll Call on the Motion

Mr. Sidoti	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

Motion carried unanimously.

Dr. Rajput stated that the following items of his report are for the Board information and update:

ANNUAL WASTELOAD MANAGEMENT REPORT (Chapter 94 Report)

Dr. Rajput reported according to the requirements of PADEP, the Annual Waste Load Management Report (PADEP Chapter 94 Report) has been completed and submitted electronically to PADEP for the reporting year of 2020.

The report presents hydraulic and organic loading calculations and projections for the next five (5) years performance of the plant, connections to the Authority's system, plant maintenance, wastewater collection system maintenance program, pumping station conditions and maintenance, sludge disposal, etc. The annual daily average wastewater flow to the plant was 6.91 MGD for the reporting year of 2020.

The maintenance work completed for the collection system during 2020 involved CCTV inspection of approximately 67,999 lineal feet of sewer pipe, jetting/cleaning of approximately 16,141 lineal feet of sewer pipe and root removal/cutting of approximately 10,603 lineal feet of sewer pipe. During the reporting year, there were 228 homes that removed trees from the Authority's sanitary sewer easement areas, 171 homes which were found to have broken sewer vents/cleanouts that have been repaired and 172 sanitary sewer laterals were replaced.

Under the ongoing I&I control program in the wastewater collection system rehabilitation program (phase VI of the cured in-place sanitary sewer pipe lining), approximately 77, 500 lineal feet of sewer mains ranging in size from 8 inch to 15

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inch have been lined during the reporting year of 2020 and part of the current year of 2021.

We would like to thank Jennifer Smythe for her excellent assistance in compiling and tabulating the voluminous monitoring data and preparing this report.

ANNUAL WATER AUDIT REPORT-DELAWARE RIVER BASIN COMMISSION (DRBC)

Dr. Rajput reported as per the requirements of the DRBC, the annual water audit was performed for our water system for the reporting year of 2020. The completed water audit report was submitted electronically to the DRBC per their requirements. The water audit data validity score was computed to be 93 out of 100, which is an excellent score. For the reporting year of 2020, the percent of unaccounted water was calculated to be approximately 2.79%. We are proactively continuing to investigate the source of the unaccounted water and continuing to investigate and determine options for reducing the amount of unbilled metered water usage, which includes water used at the water and wastewater treatment plants, administration building, wastewater pump stations, fire hydrant flushing and leakage loss. It is estimated that the Authority's water main length is 180 miles and there were 19,466 active connections to the Authority's water system.

2020 ANNUAL WATER QUALITY DATA

Dr. Rajput reported that in compliance with the requirements of the Safe Drinking Water Act 1996 Amendments relating to the Consumer Confidence Reports, our Water Quality Data has been completed and sent to the Authority's wholesale customers (Bucks County Water and Sewer Authority and Township of Falls Authority) for preparation of their annual Water Quality Report (Consumer Confidence Report-CCR) for the reporting year of 2020. A copy of the Table containing the 2020 Water Quality Data is attached for your information. As you can see, the drinking water that the Authority produces is one of the best, which consistently meets or exceeds all water quality standards. I would like to thank Michael Hoelzle for preparing and compiling the water system operational and monitoring data for 2020.

ANNUAL PRETREATMENT REPORT

Dr. Rajput reported that the required annual Pretreatment Program Report for the reporting year of 2020 was completed and submitted electronically to USEPA and PADEP. Similar to the reporting year of 2019, there were four significant Industrial users (SIU) during this reporting year of 2020. Of this, two facilities do not discharge any process wastewater to the Authority's Wastewater Treatment Plant. None of the above regulated SIU's were in Significant Non-Compliance during the reporting year.

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TRACER STUDY AT WATER TREATMENT PLANT

Dr. Rajput reported that he informed PADEP that the Authority has retained a Consultant (GHD) with Tracer Study experience to perform the PADEP required Tracer study at the Water Plant and are planning to complete this study within the required time duration. In this regard, we have scheduled a meeting with GHD for April 21, 2021 at the Plant to discuss a time schedule and procedure.

CONTRACT NO. WWTP- 420: FURNISH AND SUPPLY STONE DURING 2021- 2022 (PARTICIPATION IN THE 2021-2022 BUCKS COUNTY CONSORTIUM HIGHWAY MATERIALS JOINT BID)

A Notice of Intent to Award has been sent to Eureka Stone, Inc. along with all contract documents for signature.

CONTRACT WWTP-421: PURCHASE OF ONE WA 320-8 KOMOT'SU WHEEL LOADER UNDER SOURCE WELL CONTRACT# 032119-KOM WASTEWATER TREATMENT PLANT (FIELD) (CAPITAL IMPROVEMENT PROJECT)

The new wheel loader has been received. Our field department received training and have already started using it.

CONTRACT WWTP-419: REPLACEMENT OF EXISTING ODOR CONTROL WET CHEMICAL SCRUBBER WITH NEUTRALOX® PHOTOIONIZATION SYSTEM AT KENWOOD WASTEWATER PUMP STATION

Dr. Rajput reported that the required final modified operating permit for the Photoionization Odor control system from the Air Quality Program, PADEP has already been received. We would like to thank the staff of the Air Quality Program of PADEP for their excellent cooperation, assistance and expediting the permitting process. AMBIO Biofiltration LTD. has informed us that delivery of this system is scheduled for the last week of June or the first week of July 2021 depending upon Covid situation.

CONTRACT WWTP-407B: INSTALL TWO (2) AUTOMATIC FINE SEWAGE SCREENING SYSTEMS WITH TWO (2) WASHING COMPACTORS (CAPITAL IMPROVEMENT PROJECT)

Dr. Rajput stated the contractor has started installation work and is making satisfactory progress. The contractor is in the process of completing installation of one of two screens.

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PRETREATMENT PROGRAM: REVISED DISCHARGE LOCAL LIMIT

Dr. Rajput reported per the requirements of USEPA, we have submitted the required documents to USEPA which includes a copy of the Authority's adopted Pretreatment Resolution to adopt the revised local limits, a copy of the advertisement. and copies of the letters sent by Mr. Downey to the contributing municipalities requesting them to revise their ordinances to adopt the revised local limits.

CONTRACT WTP-418: REPLACEMENT OF FILTER MEDIA AT WATER TREATMENT PLANT

Dr. Rajput reported that they are continuing work on compiling the required information for preparation of technical specifications and contract documents for the replacement of existing media of the existing four high-rate dual media filters for bidding process.

WATER TREATMENT PLANT LABORATORY

PADEP has informed us that the Corrective Action Report and supporting documents submitted to PADEP for the Water Treatment Plant Laboratory were acceptable.

COVID-19

We are continuing to implement and practice all required precautionary and preventive measures and maintaining the required operations of our water and wastewater systems.

WATER AND WASTEWATER SYSTEMS

The average daily drinking water supplied for the month of February was approximately 5.98 MGD. The monthly average effluent flow from the wastewater treatment plant for the month of February was approximately 9.37 MGD. Both the water treatment plant and wastewater treatment plant are operating and performing well.

Solicitor's Report – James A. Downey, III, Esquire

There was an executive session from 6:30 pm. to 7:00 pm. at which time personnel and litigation matters were discussed.

Case# 2021 - 1134

Case# 56 - 2021

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Finance Manager's Report

Dr. Rajput presented the financial report to the Board of Directors in the absence of Mrs. Dunn. He reported that the Authority is financially healthy and doing well.

Old Business

There was no old business brought before the Board.

New Business

There was no new business brought before the Board.

Adjournment

Mr. Chase made a motion, seconded by Mrs. Murphy, to adjourn the Board meeting at 7:29 p.m.

Motion carried unanimously.

Respectfully submitted by:

Cynthia Murphy
Secretary