

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ April 26, 2018

The Board Directors of Lower Bucks County Joint Municipal Authority held their monthly meeting on Thursday April 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 7:10 P.M., which was followed by the Pledge of Allegiance and a moment of silence for all the men and women that are put in harm's way every day to protect this great country.

EXECUTIVE SESSION

An Executive Session was held from 6:30 P.M. to approximately 7:05 P.M. Mr. Downey will advise during his report.

ROLL CALL

Mrs. Magro took roll call as follows:

BOARD MEMBERS PRESENT:

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

ALSO PRESENT:

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

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

MOTION

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

QUESTIONS/COMMENTS

Mr. Altmiller questioned the following invoice(s):

All Covered

Various Invoices

Mr. Altmiller asked if this was the computer company that the Board wanted replaced. Dr. Rajput replied that it was, Mr. Altmiller wanted to know why it is taking so long with Dr. Rajput replying that he is looking for a company.

Benjamin Franklin Plumbing

Invoice # 374881

Amount: \$354.00

Unclog bathroom facilities Sewer Plant office area

Mr. Glasson replied that the Authority does not have the type of equipment that was needed to perform the job.

Cummins Power System, Inc.

Invoice #012-69657

Amount: \$9,110.23

WTP generator maintenance

Dr. Rajput replied that this was for maintenance as well as various parts.

ROLL CALL ON THE MOTION

Mr. Monahan	Aye
Mrs. Murphy	Aye
Mr. Altmiller	Aye
Mr. Chase	Aye
Mr. Glasson	Abstain – Not present at the March Board Meeting
Mrs. DePalo	Aye

Motion carried 5 Aye votes – 1 Abstention

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APPROVAL OF THE BOARD MEETING MINUTES OF MARCH 22 2018

MOTION

Mr. Altmiller made a motion, seconded by Mrs. Murphy, approving the Board Meeting Minutes of March 22, 2018 as presented.

ROLL CALL ON THE MOTION

Mr. Monahan	Aye
Mrs. Murphy	Aye
Mr. Altmiller	Aye
Mr. Chase	Aye
Mr. Glasson	Abstain – Not present at the March Board Meeting
Mrs. DePalo	Aye

Motion carried 5 Aye votes – 1 Abstention

Pretreatment Variance

Mr. Altmiller asked the status of Tony's King of Pizza. Mr. Altmiller went on to say that they were present at the December 28, 2017 Board Meeting regarding a grease trap issue. The Board made a motion requiring them to install a 1,000 gallon grease trap system and gave him two (2) months to complete the job or he would be shut down. Mr. Altmiller asked Dr. Rajput to look into this because if he is not in compliance, than he needs to be shut down. Dr. Rajput said he will check into this.

MANAGING DIRECTORS REPORT

CONTRACT NO. C-383: FURNISH AND SUPPLY CHEMICALS FOR

Bids were received on April 24, 2018 for the above contract. The following recommendations are being made regarding the award of the individual chemicals of the contract:

Item No. 1: Chlorine

Based on review of the bid documents and qualifications, it is recommended awarding Item No. 1 Chlorine to JCI Chemical located at 103 River Street, Warwick, NY 10990 with their bid unit amount of \$25.50/CWT or \$0.255/lb. delivered. The current contract price is \$20.00/CWT or \$0.20/lb. delivered.

MOTION

Mrs. Murphy made a motion, seconded by Mr. Altmiller, to award Item No. 1 Chlorine to JCI Chemical located at 103 River Street, Warwick, NY 10990 with their bid unit amount of \$25.50/CWT or \$0.255/lb. delivered.

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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

ITEM #2: SODIUM POTASSIUM ZINC POLYPHOSPHATE/ZINC POLYPHOSPHATE

There were three (3) bidders for this chemical, however the products submitted in the bid proposals of two (2) companies have not been tested or verified for lead and copper corrosion control for the Authority's system. C-39 and CP-767D products have been tested and have demonstrated that their application and performance for the Authority water distribution system. Selection of this product was based on a corrosion control feasibility study conducted under the U.S. EPA's lead and copper rule. Because of the application of the product, the Authority was able to comply with the lead and copper concentration limits set forth in the U.S. EPA's lead and copper rule. Therefore, the Authority has standardized on Calgon Corporation's formulation C-39 and Sweetwater Technologies formulation CP-767D. It clearly states in the specifications, "No other substitute shall be acceptable." George S. Coyne Chemical Co., Inc., is the only bidder who submitted their bid for Sweet Water Technologies' Formulation of CP-767D whose product meets the contract specifications. It is recommended awarding Item No. 2: Sodium Potassium Zinc Polyphosphate/Zinc Polyphosphate to George S. Coyne Chemical Co., 3015 State Road, Croydon, PA 19021 with a bid amount of \$128.0547/CWT or \$1.2805/lb. The current unit price is \$129.84/CWT or \$1.2984/lb.

MOTION

Mr. Altmiller made a motion, seconded by Mr. Monahan, to award Item #2: Sodium Potassium Zinc Polyphosphate/Zinc Polyphosphate to George S. Coyne Chemical Co., 3015 State Road, Croydon, PA 19021 with a bid amount of \$128.0547/CWT or \$1.2805/lb.

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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ITEM #3: FLUOROSILICIC ACID

Based on review of the bid documents and qualifications, it is recommended awarding Item No. 3 Fluorosilicic Acid to Univar USA, Inc., 532 E. Emaus Street, Middletown, PA 17057 with their bid unit amount of \$32.00/CWT or \$0.3200/lb. The current price for this chemical is \$34.34/CWT or \$0.3434/lb.

MOTION

Mrs. Murphy made a motion, seconded by Mrs. DePalo, to award Item No. 3 Fluorosilicic Acid to Univar USA, Inc., 532 E. Emaus Street, Middletown, PA 17057 with their bid unit amount of \$32.00/CWT or \$0.3200/lb.

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

ITEM #4: POTASSIUM PERMANGANATE

There were two (2) bidders for this item, George S. Coyne Chemical Co., and Univar USA, Inc. George S. Coyne Chemical Co. was the lowest bidder; however, they do not comply with the contract specifications. Per the requirements of the specifications, the chemicals that are being furnished and supplied are to be manufactured in the United States of America. The chemical that George S. Coyne Chemical Co. would be supplying to the Authority is not made in the USA, therefore, their bid for this chemical is not acceptable.

Based on review of the bid documents and qualifications, it is recommended awarding Item No. 4 Potassium Permanganate to Univar USA, Inc., 532 E. Emaus Street, Middletown, PA 17057 with their bid unit amount of \$347.00/CWT or \$3.47/lb. The current price is \$320.50/CWT or \$3.205/lb.

MOTION

Mr. Altmiller made a motion, seconded by Mrs. Murphy, to award Item No. 4 Potassium Permanganate to Univar USA, Inc., 532 E. Emaus Street, Middletown, PA 17057 with their bid unit amount of \$347.00/CWT or \$3.47/lb.

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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

ITEM # 5: LIME SLURRY TREATMENT CHEMICAL – CALGON BLR-37-15

Based on review of the bid documents and qualifications, it is recommended awarding Item No. 5: Lime Slurry Treatment Chemical – Calgon BLR-37-15 to George S. Coyne Chemical Co., Inc., 3015 State Road, Croydon, PA 19021 in their bid amount of \$212.96/CWT or \$2.1296/lb. The current price is \$212.96/CWT or \$2.1296/lb.

MOTION

Mrs. Murphy made a motion, seconded by Mrs. DePalo, to award Item No. 5 Lime Slurry Treatment Chemical – Calgon BLR-37-15 to George S. Coyne Chemical Co., Inc., 3015 State Road, Croydon, PA 19021 in their bid amount of \$212.96/CWT or \$2.1296/lb. USA, Inc., 532 E. Emaus Street, Middletown, PA 17057 with their bid unit amount of \$347.00/CWT or \$3.47/lb.

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

ITEM NO. 6: POWERED ACTIVATED CARBON

Based on review of the bid documents and qualifications, it is recommended awarding Item No. 6 Powdered Activated Carbon to Thatcher Co. of NY, P.O. Box 27407, Salt Lake City UT with a bid unit amount of \$58.40/CWT or \$0.584/lb. The current price is \$0.600 per lb. delivered or \$60.00 per CWT delivered.

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MOTION

Mr. Altmiller made a motion, seconded by Mr. Glasson to award Item No. 6 Powdered Activated Carbon to Thatcher Co. of NY, P.O. Box 27407, Salt Lake City UT with a bid unit amount of \$58.40/CWT or \$0.584/lb. delivered.

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

ITEM NO. 7: HYDRATED LIME

This item will be re-bid, No bids received.

ITEM NO. 8: HYDRATED LIME BAGS (50 LB. BAGS)

This item will be re-bid, No bids received.

CONTRACT WWTP-382: RESTORATION OF CONCRETE SIDEWALKS, DRIVEWAY, CONCRETE APRONS, CONCRETE CURBS AND SITES AFFECTED BY WATER MAIN BREAKS

Notice of Intent to Award has been sent to the Contractor along with all contract documents for signature. Once the completed documents have been returned, they will be forwarded to James A. Downey, III, Esquire for review.

CONTRACT WWTP-381: FURNISH AND SUPPLY STONE DURING 2018-2019 PARTICIPATION IN THE 2018 2019 BUCKS COUNTY CONSORTIUM HIGHWAY

Notice of Intent to Award has been sent to the Contractor along with all contract documents for signature. Once the completed documents have been returned, they will be forwarded to James A. Downey, III, Esquire for review.

CONTRACT WWTP-376: FURNISH AND SUPPLY POLYMERS FOR LOWER BUCKS COUNTY JOINT MUNICIPAL AUTHORITY'S WATER AND WASTEWATER TREATMENT PLANTS

Notice of Intent to Award has been sent to the Contractor along with all contract documents for signature. Once the completed documents have been returned, they will be forwarded to James A. Downey, III, Esquire for review.

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UPGRADE OF THE SCADA SYSTEM AT THE WASTEWATER TREATMENT PLANT

The Authority is continuing the upgrade of the existing computers and SCADA System at the Water Treatment Plant. This project is being completed in phases. Most of required electrical work is being done in-house by the Authority's electrician.

LOCAL LIMITS REEVALUATION/HEADWORK ANALYSIS – PRETREATMENT PROGRAM

Per the requirements of the renewed NPDES Permit for the Wastewater Treatment Plant and USEPA requirements, a list of the local limit parameters for the evaluation and sampling plan have been submitted for review.

ANNUAL WASTELOAD MANAGEMENT REPORT – CHAPTER 94 REPORT

The above report has been submitted for the reporting year of 2017.

This report present 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, just to name a few. The annual daily average Wastewater flow to the Plant was 6.44 MGD for 2017, 6.07 MGD for 2016 and 6.72 MGD for 2015. This flow reduction is attributed to the Authority's Infiltration/Inflow control, certification and easement maintenance program.

A total of five (5) sewer service connections were made to the Authority's Wastewater system during 2017. The plant performance in terms of CBOD5 and Total Suspended Solid reduction efficiencies were calculated to be approximately 95% and 96.76%, respectively. The annual average DBOD5 and Total Suspended Solid concentrations in the Plant effluent were 5.44 mg/L, (permit limit – 20 mg/L) and 7.88 mg/L (permit limit – 30 mg/L) respectively.

The maintenance work completed for the Collection System during 2017 involved CCTV inspection of approximately 43,681 lineal feet of sewer pipe, jetting/cleaning of approximately 6,417 lineal feet of sewer pipe and root cutting and removal of approximately 12,822 lineal feet of sewer pipe. During the reporting year, there were 430 homes that removed trees from the Authority's Sanitary Sewer Easement areas. There were 184 homes that had broken sewer vents/cleanouts that have been repaired, and 82 Sanitary Sewer laterals were replaced.

Under the ongoing I & I Control Program in the Wastewater Collection System rehabilitation Program, approximately 51,798 lineal feet of sewer mains ranging in size from 8 inch to 15 inch were cleaned, inspected and lined during 2017.

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WTP – PADEP CHAPTER 110, WATER ALLOCATION, WATER MANAGEMENT PLAN WATER WITHDRAWAL AND USE REPORTING

Under PADEP Chapter 110, water Allocation, the Water Management Plan Water Withdrawal and Use Report was submitted to PADEP. The total potable water supplied from the Water Treatment Plant during the reporting year of 2017 was approximately 2822.168 million gallons, of this, approximately 40% was calculated to be bulk water supplied. The annual daily average water was calculated to be approximately 7.862 MGD (it was 8.65 MGD for 2016). Peak water demand was recorded to be 10.83 MGD, which occurred on May 4, 2017, minimum water use of 4.787 MGD was recorded on October 21, 2017.

WWTP-190: WASTEWATER TREATMENT PLANT SCADA SYSTEM UPGRADE

As part of the ongoing installation and upgrade of the SCADA System at the Wastewater Treatment Plant, the Authority is continuing to upgrade the existing PLCs, VFDs, and connecting all equipment and process controls to the SCADA System operation room. The CLX hardware has been received to replace the existing PLC-5 for the Dissolved Air Flootation (DAF) System. Most of the required electrical work is being done in-house.

WATER AND WASTEWATER SYSTEMS

The average daily drinking water supplied for the month of March 2018 was approximately 7.17 MGD. The monthly average effluent flow from the Wastewater Treatment Plant was approximately 6.09 MGD for the month of January 2018.

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

Mr. Downey reported that an executive session was held from 6:30 PM to approximately 7:05 PM. Personnel matters and ongoing litigation were discussed. Mr. Downey stated that a motion is needed for an employee.

MOTION

Mrs. Murphy made a motion, seconded by Mrs. DePalo, that effective immediately, employee 1529 be terminated based on an investigation conducted by Dr. Rajput, the Superintendent, and Assistant Superintendent at the Water Treatment Plant.

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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FINANCE MANAGER'S REPORT

Mrs. Dunn, Finance Manager, previously gave the Board her report to review. Mrs. Dunn added that the Authority's interest rate with TD Bank has increased which will make the Authority's interest earnings higher this year than was previously anticipated.

DISABILITY

- One employee returns April 30, 2018
- One employee will possibly be returning the middle of May.

OLD BUSINESS

There was no old business brought before the Board Directors.

NEW BUSINESS

There was no new business brought before the Board Directors

PUBLIC PARTICIPATION

There was no Public Participation.

ADJOURNMENT

Mr. Altmiller made a motion, seconded by Mr. Glasson, to adjourn the Board meeting at 7:26 P.M. Motion carried unanimously.

Respectfully submitted by:


Cynthia Murphy
Secretary

CM/dm
DPM0035