

DELAWARE COUNTY REGIONAL
WATER QUALITY CONTROL AUTHORITY
100 EAST FIFTH STREET
CHESTER, PENNSYLVANIA 19013

MINUTES

OCTOBER 15, 2024 (ON-SITE / VIRTUAL OPTION)

The Regular Meeting of the Delaware County Regional Water Quality Control Authority was held on Tuesday, October 15, 2024, at 3:30 P.M. The meeting was held in the Board Room of the Administration Building at 100 East Fifth Street, Chester, Pennsylvania and virtually via Zoom.com. REGULAR MEETING

Messrs. Kern, Martin, Moss, Mullen, Nagle, Schuster, Mesdames Billings, Keffer, and Nichols Board Members, constituting a quorum were present. ROLL CALL

Messrs. Cartafalsa, Cherico, DiSantis, S. Garner, Hurst, Lehman, Rice, Willert, and Mesdames Amadio, Bonnett, Byrd, Caulk, B. Garner, and Jackson were also present.

PUBLIC ATTENDANCE: Mike Ewall, B. Preston Lyles and Beth Stern Fleming were present. No other members of the public were present. PUBLIC

Mr. Kern, Chairman, called the meeting to Order.

ORDER OF BUSINESS

PLEDGE OF ALLEGIANCE: The Pledge of Allegiance was recited by all parties present. PLEDGE OF ALLEGIANCE

COMMENTS FROM THE PUBLIC: Mr. Kern stated that there were no comments or questions received from the public. PUBLIC COMMENTS

APPROVAL OF MINUTES: It was moved by Ms. Keffer, seconded by Ms. Billings, and unanimously carried that the minutes of the Regular Meeting of September 17, 2024, be approved as submitted. APPROVAL OF MINUTES

REPORTS: REPORTS

1. COMMITTEES: COMMITTEES

a. Human Resources and Administration. Ms. Nichols stated that the Committee met on October 7, 2024. There were no additions to the meeting minutes. Human Resources and Administration

b. Strategic Planning and Goals. Mr. Nagle stated that the Committee met on October 7, 2024. There were no additions to the meeting minutes. Strategic, Planning & Goals

c. Operations and Engineering. Mr. Mullen stated that the Committee met on October 8, 2024. He noted items requiring Board action would be considered later in the agenda. There were no additions to the meeting minutes.

Operations and
Engineering

d. Finance. Mr. Nagle stated that the Committee met on October 9, 2024. There were no additions to the meeting minutes.

Finance

e. Pension. Mr. Mullen stated that there was no formal meeting of the Pension Committee and had nothing to report at this time.

Pension

f. Legal Liaison. Ms. Billings stated that there was no formal meeting of the committee but did note that an Executive Session would be held to discuss pending litigation.

Legal Liaison

2. CHAIRMAN: Commenting on the Nominating Committee, Mr. Kern thanked John Nagle for volunteering to assist him with the committee. He stated that, normally, all of the Board members either hold an officer's position or a committee chairmanship. This year, he had asked the three new members to become familiar with the Board operation before volunteering, which resulted in several other members taking on some extra responsibilities. Mr. Kern noted that the elections and appointments take place in January, and he asked members to consider that if they currently hold two or more positions to please let him know as soon as possible which one they would be willing to relinquish. Mr. Kern asked if any new Board member would be willing to assume a position and to contact him or Mr. Nagle if they have any questions.

CHAIRMAN

Mr. Kern also mentioned the website, wastewaterscan.org, and noted that DELCORA is one of only two facilities in Pennsylvania where influent is being monitored for viruses. Just as information, he mentioned that COVID is at a medium level now dropping down from the summer and the EV-D68 virus is registered as being high. This is a respiratory illness that is common with mild symptoms, and affects mostly infants and children due to their limited exposure and lack of immunity.

3. EXECUTIVE DIRECTOR: Mr. Willert stated that there were no additions to the written report; however, he did mention that DELCORA's Friends and Family Day is being held this Saturday, October 19th, from 11:00 AM to 3:00 PM. DELCORA personnel will be present to answer any questions, food trucks will give away free food, and there will be activities for the children. He noted that there was a very good turnout last year.

EXECUTIVE
DIRECTOR

4. DIRECTOR OF ENGINEERING: Mr. Hurst stated that there were no additions to the written report.

DIRECTOR OF
ENGINEERING

5. DIRECTOR OF OPERATIONS & MAINTENANCE: Mr. DiSantis stated that there were no additions to the written report. DIRECTOR OF OPERATIONS & MAINTENANCE

6. SOLICITOR: Mr. Rice stated that he had nothing new to report at this time. He also noted that there would be an Executive Session to discuss the bankruptcy issue and other legal matters. SOLICITOR

OPERATING FUND PAYMENTS: OPERATING FUND PAYMENTS

1. CHIEF FINANCIAL OFFICER REPORT: Mr. Cherico stated that there were no additions to the written report. CHIEF FINANCIAL OFFICER

2. PAYMENT OF BILLS: PAYMENT OF BILLS

Approval of Operating Statement, Statement of Fund Balances and List of Bills for the month of September 2024.

It was moved by Ms. Keffer, seconded by Mr. Nagle, and unanimously carried that the statement and the list of bills in the amount of \$4,344,391.00 for the month of September 2024 contained in the Chief Financial Officer's report be approved.

CONSTRUCTION FUND PAYMENTS: CONSTRUCTION FUND PAYMENTS

1. ENGINEERING ADVISOR'S REPORT: Mr. Lehman stated that there were no additions to the written report. ENGINEERING ADVISOR

2. CHANGE ORDERS: CHANGE ORDERS

- Contract No. SW-2104-C – SWDCMA Sewer Inflow And Infiltration Removal – Change Order No. 3 – Decrease In Contract Amount Of \$19,540.00 And Increase In Contract Time Of 518 Days For Final Close Out (Standard Pipe Services). Contract No. SW-2104-C SWDCMA I&I Removal CO #3

Mr. Kern stated that this contract change order was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Mr. Nagle, seconded by Ms. Keffer, and unanimously carried to approve this contract change order.

3. CONTRACT CLOSEOUT AND FINAL PAYMENT APPROVAL: CONTRACT CLOSEOUT

- Contract No. SW-2104-C – SWDCMA Sewer Inflow And Infiltration Removal (Standard Pipe Services). Contract No. SW-2104-C SWDCMA I&I Removal

Mr. Kern stated that this contract closeout was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Mr. Nagle, seconded by Mr. Martin, and unanimously carried to approve this contract closeout and final payment.

4. PAYMENT OF BILLS:

PAYMENT OF
BILLS

It was moved by Ms. Nichols, seconded by Ms. Billings, and unanimously carried as follows: (a) that the bills of contractors, engineers and others for construction costs, engineering services and related costs under the Renewal & Replacement Fund in the amount of \$1,229,668.74 are hereby approved; and (b) the requisitions on the Renewal & Replacement Fund under the Trust Indenture with TD Bank, in payment of said bills, are hereby approved pending approval by the Treasurer, and the proper officers be and are hereby authorized and directed to execute same.

AUTHORIZATION TO ADVERTISE CONTRACTS:

AUTHORIZATION
TO ADVERTISE
CONTRACTS

- Contract No. TC-2407-C – PS-6 Odor Control Modifications.

Contract No.
TC-2407-C
PS-6 Odor Control

Mr. Kern stated that the above contract advertisement was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Mr. Martin, seconded by Ms. Nichols, and unanimously carried to approve the advertisement of the contract listed above.

AWARD OF CONTRACTS:

AWARD OF
CONTRACTS

- Contract No. TEW-2405-C – Furnishing Equipment, Labor And Supervision For Electrical Maintenance, Repairs & Other Related Projects. Mr. Kern stated that two bids were received and the lowest qualified bidder was Philips Brothers Electrical Contractors, Inc. with a one-year bid amount of \$657,200.00 and a two-year bid amount of \$1,348,100.00, and was in full compliance with DELCORA's requirements.

Contract No.
TEW-2405-C
Electrical
Maintenance &
Repairs

It was moved by Mr. Nagle, seconded by Mr. Schuster, and unanimously carried to award Contract No. TEW-2405-C to Philips Brothers Electrical Contractors, Inc. for a two-year contract in the amount of \$1,348,100.00.

OLD BUSINESS: Mr. Kern stated that there was no Old Business at this time.

OLD BUSINESS

NEW BUSINESS:

NEW BUSINESS

1. Authorization for Professional Services: (Capital Funds)

Authorization for
Professional
Services

A. Material Matters, Inc. – Proposal Dated October 4, 2024 – For Professional Engineering Services To Provide Solids Management Alternatives Evaluation – Total Amount Not To Exceed \$150,000.00 (Capital Funds).

Material Matters
Solids Mngmnt.
Alternatives
Evaluation

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Ms. Billings, seconded by Ms. Keffer, and unanimously carried to approve the Professional Services proposal listed above.

B. ANDRIS Consulting LLC – Proposal Dated October 4, 2024 – For Professional Services For Continued Assistance With Long Term Control Plan Program Management, Nine Minimum Controls, And The NPDES Permit – Total Amount Not To Exceed \$127,500.00 (Capital Funds).

Andris Consulting
Continued Assistance
LTCP, NMC, NPDES
Permit

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Ms. Keffer, seconded by Mr. Mullen, and unanimously carried to approve the Professional Services proposal listed above.

Ms. Nichols asked if this was an annual agreement. Mr. Hurst responded that it is, functionally. Ms. Billings asked if he anticipates that we will always need assistance. Mr. Hurst responded that 'yes' we will always need assistance until we get Long Term Control Plan (LTCP) approval and once we get to the implementation phase of the Long Term Control Plan, then we could make a minor change to this level of support. In response to a question from Ms. Billings about why we can't do this in-house, Mr. Hurst stated that they are generating the reports. He explained that Greeley & Hansen developed the initial Long Term Control Plan and that it was a massive undertaking. They also continue to run the H&H Model that predicts the performance of the system. Once we do the proposed improvements, Andris is writing the reports.

Discussion continued about the requirements in the Long Term Control Plan and how we are going to satisfy those requirements. Multiple versions of the LTCP have been submitted to EPA and

PADEP. The most recent one that includes the linear storage is pending but it has not been formally submitted. A meeting was held with EPA and PADEP to discuss the proposal and its level of performance. They want us to finish the modeling which Greeley is working on now and then submit it formally. Mr. Hurst explained that several employees of Andris previously worked for Greeley & Hansen when they drafted the Long Term Control Plan. Greeley & Hansen is still performing the model. Greeley & Hansen is now owned by another company. This Andris proposal is ongoing but it is anticipated that it would go through to the end of 2025. Andris is an expert in this subject matter. Engaging these expert consultants adds to the overall cost of the Long Term Control Plan. These expert consultants also know what would be more acceptable to the EPA and the PADEP. In the current version, we are committing to building a piece of linear storage that is a mile long between the Chester Creek and the Ridley Creek. We would probably have a higher chance of it being approved if we committed to building the other two miles of linear storage, basically, 37.5% of the ESA tunnel. That would be dramatically more expensive than the current proposal, all of which has a deadline of 2035 in terms of finished construction.

2. Authorization for Professional Services: (Operating Funds)

Authorization for Professional Services

A. Castle Valley Consultants – Proposal Dated September 17, 2024 – For Professional Engineering Services For Sludge Removal At The Riverside Wastewater Treatment Plant In Pocopson Township – Total Amount Not To Exceed \$24,918.00 (Operating Funds).

Castle Valley Sludge Removal at Riverside WWTP

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Ms. Nichols, seconded by Ms. Billings, and unanimously carried to approve the Professional Services proposal listed above.

B. Schaeffler Conditioning Monitoring Solutions And Services – Proposal Dated January 8, 2024 – For Professional Services To Provide Monthly Expert Analysis Of DELCORA’s Vibration Equipment For Twelve Months – Total Amount Not To Exceed \$21,600.00 (Operating Funds).

Schaeffler Provide Analysis of Vibration Equipment

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Ms. Keffer, seconded by Ms. Billings, and unanimously carried to approve the Professional Services proposal listed above.

In response to Mr. Martin concerning the date of the proposal and the circumstances that resulted in waiting to present it to the Board, Mr. Cartafalsa stated that, at that time in January, we did not need that type of technology due to the amount of sensors we had. Since then, we have added substantially more sensors and now need this type of analysis to help us determine the long term health of our equipment.

C. Maintain-X Work Order Management System – Proposal Dated June 11, 2024 – For Professional Services To Perform The Migration Of All Hexagon Information To Maintain-X System And 100 User Licenses – Total One Year Cost Including A One-Time Implementation Cost (Sole Source Provider) – Total Amount Not To Exceed \$116,950.00 (Operating Funds).

Maintain-X
Migrate Hexagon Info
to Maintain-X System

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Ms. Keffer, seconded by Mr. Mullen, and unanimously carried to approve the Professional Services proposal listed above.

In response to a question from Mr. Nagle concerning the cost, Mr. DiSantis stated that the amount includes transferring all of the asset information, which is a one time expenditure. The price is expected to decrease because we won't be doing that migration on an annual basis. This proposal also includes system support including all annual updates to the software.

D. Weston Solutions, Inc. – Proposal Dated October 7, 2024 – For Professional Engineering Services For Equivalent Dwelling Unit (EDU) Re-Evaluation, Sewer Shed Delineation Revisions, And Future Special Study Metering Recommendations For Unmetered Areas To Support Both The Annual Delaware County Metering Program And The Comprehensive Inflow And Infiltration Control Program – Total Amount Not To Exceed \$49,865.00 (Operating Funds).

Weston
EDU Re-Evaluation -
Sewer Sheds –
Metering
Recommendation

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Ms. Billings, seconded by Ms. Keffer, and unanimously carried to approve the Professional Services proposal listed above.

In response to a question from Ms. Keffer about how long the study will take, Mr. Hurst stated that it may take several months. Ms.

Nichols asked if this study is just for DELCORA rate payers or across the county like the I&I program. Mr. Hurst responded that this is a county-wide study. He explained the last time this was done was in June 2006. So, we are looking for newer areas and towns that have had substantial growth, and areas which have less EDUs that are unmetered. Also, looking for areas that should no longer use an EDU based bill or EDU based flow calculation. This data will be shared with the conveyance authorities and it is anticipated that they would share the data with their municipalities, especially if there was going to be a change to either the basis of the flow calculation or a recommendation to convert a particular catchment to a meter-based bill, or vice versa. Mr. Hurst also stated that as part of the I&I program, DELCORA has become much more directly engaged in communicating with the municipalities. Mr. Kern noted that we have about 58 flow meters and 12 municipalities, and only about 75%-80% of our service area is actually metered. The re-evaluation study will determine if we need more or less meters and if we are metering the right areas after twenty years.

Ms. Keffer noted that Upper Darby currently uses EDU-based billing but may convert to usage-based fees and wanted to know if this intersects at all. Mr. Hurst responded that it does and noted that the majority of Upper Darby flows go across the Cobbs interceptor and not to DELCORA. The piece that does come to DELCORA goes through two metered catchments so when the Darby Creek Joint Authority sends Upper Darby a bill, that bill is based at least on those two metered areas. He wasn't sure if there were any places where there are EDUs that are connected but that are not metered. Part of this study will determine whether there are unmetered areas which deserve a meter and if those areas don't deserve a meter then to confirm if the number of EDUs in that unmetered area is correct because the number of EDUs is what is used to factor in a flow for those unmetered areas. The majority of municipalities have several areas which are unmetered and the goal is to make sure that we are satisfied that they are not and that we are in agreement that they should remain unmetered giving a higher degree of confidence that the number of EDUs in them shouldn't go up or down. We have the ability today with better GIS layers with parcel maps on it from the county showing a very tight delineation of what the meter sheds are, a benefit of the I&I work.

3. Authorization to Purchase:

- Municipal Maintenance Company – Quote Dated September 9, 2024 – For The Rebuild Of Flygt Pump At The Darby Creek Pump Station (Pump 4) Through PA COSTARS Contract #016-152 (Vendor #267572) – Total Amount Not To Exceed \$133,400.00 (Capital Funds).

Authorization To
Purchase

Municipal
Maintenance
Flygt Pump Rebuild at
DCPS

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Mr. Mullen, seconded by Ms. Keffer, and unanimously carried to approve the above purchase.

- NEFCO Systems – Quote Dated October 3, 2024 – For The Purchase Of FRP Weir & Scum Baffle Panels And FRP Density Current Baffle For Upgrades To The T-27 Clarifier Through PA COSTARS Contract #016-E22-257 – Total Amount Not To Exceed \$118,000.00 (Capital Funds).

NEFCO
FRP Weir/Scum
Baffle Panels for
Upgrades to T-27
Clarifier

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Mr. Mullen, seconded by Ms. Keffer, and unanimously carried to approve the above purchase.

- WesTech Engineering – Proposal #2460321 Dated October 3, 2024 – For The Purchase Of One Clarifier Mechanism, Model CLC17C For The T-27 Clarifier Through PA COSTARS Contract #016-E22-257 – Total Amount Not To Exceed \$1,799,000.00 (Capital Funds).

WesTech Eng.
One Clarifier
Mechanism for T-27
Clarifier

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Mr. Mullen, seconded by Ms. Keffer, and unanimously carried to approve the above purchase.

Mr. Kern noted that the Federal and State governments are ordering DELCORA to convert ammonia to nitrates in order for us to discharge to the river because of the impact that ammonia has on the aquatic life in the Delaware Bay. Instead of using chlorine for disinfection, we are switching to ultraviolet (UV) disinfection. He explained that UV has to be able to penetrate without any suspended solids in order to disinfect the pathogens and the viruses. This purchase is to enable the T-27 clarifier to eliminate the suspended solids. We could not do this earlier because we did not have the hydraulic capacity to take it offline to do the work which is why T-28 was built several years ago. This conversion to UV disinfection is a huge long-term undertaking and requires intricate planning.

- Fred Beans – Quote Dated October 4, 2024 – For The Purchase Of One 2024 Ford F-150 Truck Through PA COSTARS Contract #025-E22-413 – Total Amount Not To Exceed \$58,847.94 (Capital Funds).

Fred Beans
One 2024 Ford F-150
Truck

Mr. Kern stated that this item was discussed at the Operations and Engineering Committee meeting, and it was the consensus of the committee to recommend Board approval.

It was moved by Mr. Mullen, seconded by Ms. Keffer, and unanimously carried to approve the above purchase.

Discussion followed about purchases such as this are expected and have already been included in the budget, and shows that the budgets are considerably on target.

There being no further business before the Board, it was moved by Ms. Keffer, seconded by Mr. Martin, and unanimously carried to begin the Executive Session at 4:12 P.M.

EXECUTIVE SESSION: There was an Executive Session held to discuss pending legal issues and the Chester bankruptcy litigation.

EXECUTIVE
SESSION

Board member Mr. Kenneth Schuster did not participate in the Chester bankruptcy portion of the Executive Session.

ADJOURNMENT: It was moved by Mr. Nagle, seconded by Ms. Keffer, and unanimously carried to adjourn the regular meeting after the Executive Session at 4:45 P.M.

ADJOURNMENT

ATTEST
Secretary