

**MINUTES**  
**OPERATIONS & ENGINEERING COMMITTEE MEETING**  
**JUNE 8, 2021 (VIRTUAL)**

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Attendants: Messrs. DiSantis, Hurst, Kern, Knapp, Lehman, Lucas, Mullen, Nagle, Pileggi, Pisani, Willert, and Mesdames Amadio, Bonnett, Caulk, Nichols, and Sage.

1. ROLL CALL: Eight members of the DELCORA Board of Directors were present at the meeting constituting a quorum.

There were no members of the public present.

2. PLEDGE OF ALLEGIANCE: All parties present at the meeting recited the Pledge of Allegiance.

3. BID OPENING:

- Contract No. P2021-04 – Sodium Bisulfite 38%

Ms. Caulk stated that there were two bids received.

	<u>TOTAL BID AMOUNT</u>
Coyne Chemical Co., Inc.	\$ 44,673.00
Univar (Solutions) USA, Inc.	\$ 37,950.00

Mr. Boland stated that these bids will be reviewed by Staff and our Solicitor's office, and consideration of award will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

4. MONTHLY REPORT – DIRECTOR OF OPERATIONS & MAINTENANCE: Mr. DiSantis highlighted certain items in the written report. Mr. DiSantis stated that there were no violations at the WRTP or at the remote facilities during May. Overall, May was a dry month. Flow was down about 10% from the month before with the monthly average of 32.27 MGD and a year-to-date average of 37.94 MGD. Regarding the four reportable incidents to PADEP, they were all caused by emissions. One was due to operator failure and re-training is in progress. The others were due to electrical issues. The PECO power quality is being monitored and adjustments have been made to the voltage settings of the Variable Frequency Drives. Monitoring has continued into June to prevent recurrences and to protect the equipment. Under Maintenance, Mr. DiSantis reported that Central Maintenance performed planned and predictive, and corrective maintenance work. Sewer Maintenance spent about a quarter of the month on routine line televising and cleaning. The new NPDES permit requires that 150,000 feet of sewer lines be videoed and cleaned per year. Regarding Trucked Waste, he stated that gallons received were lower than normal but the estimated revenue is expected to meet the monthly budget target.

Mr. DiSantis also noted that the plant received 93% of the flow from the Central Delaware Pump Station even though May was a dry month. We prefer to receive this eastern service area flow at the WRTP instead of sending it to Philadelphia since our treatment costs are lower. In response to a question from Mr. Pisani about the power quality issue, Mr. DiSantis stated that the large dips in the voltage on the primary side affect the secondary side so the taps were raised to 480 to compensate the voltage inconsistencies. This action seems to have resolved that issue. Mr. DiSantis had no additional comments to the written report. The Committee had no other questions regarding the written report.

5. MONTHLY REPORT – DIRECTOR OF ENGINEERING: Mr. Hurst highlighted certain items in the written report. He noted that the bypass pumps have been in use at the Central Delaware Pump Station and that the major valve replacement was completed by the contractor, A. J. Jurich, working with our Central and Sewer Maintenance staff. The project is closed out and was very successful. Regarding the WRTP Plant Upgrades 2020 project, Mr. Hurst reported that work is progressing well. The contractor finished the upgrades on one sludge holding tank and is working on the second tank. The hauled waste lanes were re-paved and trucks returned to using the normal entry/exit. The new kiosks were also completed and are in service. Regarding the Long Term Control Plan (LTCP), he noted that additional comments were just received on the Nine Minimum Controls (NMC) Plan Update. Greeley and Hansen is drafting the edits to the NMC in response to the minor comments made. There were other minor comments made by the EPA on a few of the other documents submitted and a substantial comment is expected on the LTCP Update that has not yet been received. Concerning the ESA Design project, Mr. Hurst reported that the tunnel design is going from 30% to 60% design. The Technical Advisory Committee (TAC) is participating in a 3-day TAC session which will include five industry experts from across the country to lend their expertise on projects such as this and respond to technical questions. Lastly, he mentioned that Brown and Caldwell is working on the local limits update and headworks loading deadlines as required by the new NPDES Permit. Mr. Hurst had no additional comments to the written report. The Committee had no questions regarding the written report.

6. MONTHLY REPORT – ENGINEERING ADVISOR: Mr. Lehman highlighted several on-going projects on the written report, which had been provided to all Board members in advance of today's meeting. He stated that the Annual SWMM Modeling is progressing well. April and May were rather dry months resulting in lower flows and this is also reflected in the Metering Program, resulting in reduced inflow and infiltration. Mr. Lehman had no additional comments to the written report. The Committee had no questions regarding the written report.

7. CHANGE ORDERS:

- Contract No. TC-2005-C – Roof Replacements – Change Order No. 1 – Credit For Unused Allowance – Decrease In Contract Amount Of \$100,560.00 (Paneko Construction)

Mr. Hurst stated that insurance paid the claim and the amount is being deducted out of the contract price.

It was the consensus of the Committee to recommend Board approval of the above contract change order. This item will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

8. REQUEST FOR APPROVAL OF CONTRACT CLOSE-OUT & FINAL PAYMENT:

Mr. Mullen stated that there were no Contract Close-outs at this time.

9. AUTHORIZATION FOR PROFESSIONAL SERVICES:

- A. Gannett Fleming, Inc. – Proposal Dated May 14, 2021 – For Professional Engineering Services To Provide Additional Scope Of Services Under The Sludge Cake Pump No. 3 Modifications Project (Amendment No. 3) – Total Additional Amount Not To Exceed \$144,300.00 (Capital Funds)

Mr. Hurst stated that Gannett Fleming is working through the design of the third cake pump and changing the scope to increase the offload capacity.

It was the consensus of the Committee to recommend Board approval of the above proposal. This item will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

- B. Material Matters, Inc. – Proposal Dated March 22, 2021 – For Professional Engineering Services For The Review Of The Technical Feasibility To Install Pyrolysis Technology To Manage Wastewater Solids At The WRTP – Total Amount Not To Exceed \$66,250.00 (Capital Funds)

Mr. Hurst stated that Pyrolysis Technology is an emerging tool to use other than incineration and is being evaluated for long range planning at the WRTP. Material Matters and GHD will work together on this study.

It was the consensus of the Committee to recommend Board approval of the above proposal. This item will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

- C. Trace Environmental Systems, Inc. – Proposal Dated April 15, 2021 – For Professional Engineering Services For CEMS And DAS Maintenance And Support Renewal – Total Amount Not To Exceed \$32,567.00 (Operating Funds)

Mr. Hurst stated that this is an on-call contract to maintain the system and take care of any technical issues.

It was the consensus of the Committee to recommend Board approval of the above proposal. This item will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

- D. Weston Solutions, Inc. – Proposal Dated June 4, 2021 – For Professional Engineering Services For Continued Assistance On The Delaware County Metering Program For 2021-2022 – Total Amount Not To Exceed \$20,000.00 (Operating Funds)

Mr. Hurst stated that Weston has been overseeing the Metering Program and this proposal will continue that. Weston receives the flow meter data and analyzes it. This data is used for billing.

It was the consensus of the Committee to recommend Board approval of the above proposal. This item will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

- E. GHD, Inc. – Proposal Dated June 6, 2021 – For Professional Engineering Services To Provide Incinerator Operator Training At The WRTP – Total Amount Not To Exceed \$5,700.00 (Operating Funds)

Mr. Hurst stated that GHD has been providing operator training and this proposal will continue that.

It was the consensus of the Committee to recommend Board approval of the above proposal. This item will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

10. AUTHORIZATION TO ADVERTISE FOR BIDS: Mr. Mullen stated that there were no Authorizations to Advertise for Bids at this time.

11. AUTHORIZATION TO PURCHASE:

- Purchase Of RTO Media Replacement Through A Sole Source Provider (NESTEC) For A Total Amount Not To Exceed \$120,496.00 (Capital Funds)

Mr. DiSantis stated that there are two RTOs using two types of media; a top layer and a bottom layer with a life expectancy of three to five years. We are approaching the three year mark in the unit. There is a 20 to 22 week lead time to receive these and it is important to have the bottom media in stock as replacements since the incinerators cannot operate without it.

It was the consensus of the Committee to recommend Board approval of the above purchase. This item will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

- Purchase And Installation Of Two New Custom Built Caustic Tanks Through The PA CO-STARS Contract For A Total Amount Not To Exceed \$133,688.00 (Capital Funds)

Mr. DiSantis stated that he wants to get more detailed information on this item and requested that this item not be placed on the Board agenda for approval at this time.

He explained that a recent stack test identified that in order for us to reach the HCL (hydrochloric acid) limit, we need to add larger amounts of caustic soda which, right now, we only keep and use in small amounts. Purchasing and installing permanent tanks for storage would allow us to purchase the caustic soda at a more economical rate.

It was the consensus of the Committee to recommend that this item not be placed on the Board agenda for approval at this time.

12. ADVISOR APPOINTMENT:

- Engineering Advisor Services For The Third Quarter 2021 – Weston Solutions, Inc. – Total Amount Not To Exceed \$2,500.00 Per Quarter

It was the consensus of the Committee to recommend Board approval of the above Advisor Appointment. This item will be placed on the agenda for the June 15<sup>th</sup> Board meeting.

Prior to adjournment, Mr. Willert requested an Executive Session prior to the Finance Committee meeting tomorrow. Ms. Caulk will forward the virtual meeting link to the Board members.

ADJOURNMENT: It was moved by Mr. Lucas, seconded by Mr. Knapp, and unanimously carried to adjourn the regular meeting at 3:55 p.m.