

MINUTES
OPERATIONS & ENGINEERING COMMITTEE MEETING
MARCH 14, 2023

Attendants: Messrs. Cherico, DiSantis, Hurst, Kern, Knapp, Lehman, Moss, Mullen, Nagle, Willert, and Mesdames Amadio, Billings, Caulk, Cummings, Nichols, and Sage.

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

The following was present for the bid opening: Tom Brientnall of Deerfield. Also present were Mike Ewall, and Peggy Ries Alter. There were no other 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. P2023-01 – Lawn Mowing & Maintenance

Ms. Caulk stated that there were two bids received.

	<u>TOTAL BID AMOUNT</u>
Deerfield Mowing and Property Maintenance	\$39,485.00
Y3R's Landscaping LLC	\$63,940.00

Mr. Mullen 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 March 21st Board meeting.

4. MONTHLY REPORT – DIRECTOR OF OPERATIONS & MAINTENANCE: Mr. DiSantis highlighted certain items in the written report. He stated that the flows were lower this month due to a low amount of rain in the month. He stated that there were no NPDES violations at the WRTP during February. Mr. DiSantis reported that the stack testing was completed in February, and he congratulated all departments involved. Mr. DiSantis reported that 98% of the flow from Central Pump Station was received at the WRTP. Mr. DiSantis stated that there were four reportable incidents to DEP. These were all emissions incidents. He stated some are recurring incidents that they are working on resolving. One being a mixing issue in the sludge tanks which they are working with engineering on different approaches and are planning the installation of a different mixing pump. Regarding the other emission issues, one was caused by a large clinker that broke off. Clinkers are slag that builds up, and when that clinker broke off it disturbed the burning bed. Mr. DiSantis reported that this caused unspent gases to go to the RTO, causing the RTO's operating temperature to increase, exceeding the NFPA limit which automatically opens the RTOs short stack. Mr. DiSantis reported that the T-

28 secondary clarifier came online this past month. He congratulated the Engineering Department on this achievement. Mr. DiSantis reported that there were no system failures during the month. He reported that they did replace one of the smaller pump stations, the Delaware Avenue Lift Station in Marcus Hook and a gas line was installed at the Brookhaven Road Pump Station for the generator. Due to the lack of snow this winter, Sewer Maintenance has been able to do more routine line cleanings. Mr. DiSantis reported that a little over 23 Million Gallons hauled waste was received this month.

Ms. Nichols had a question regarding the emissions incidents that occurred. Ms. Nichols asked if the high temperatures was something that warranted a response from the fire department. Mr. DiSantis responded that exceeding the NFPA does not warrant a fire department response as the short stack opening caused by the high temperatures, vents the hot air to the atmosphere as a safety precaution. Mr. Ewall submitted a question via the zoom chat option asking, "does this mean that emissions controls are bypassed?". Mr. DiSantis responded stating when the short stack opens, it is the last of the emissions controls prior to the stack. So, if the stack opens. Yes, some emission controls being bypassed. Mr. Ewall asked, "are there emissions control devices that come before this source stack or is it bypassing all air pollution controls when that happens?". Mr. DiSantis responded that there is a series of three pollution control systems, first being the scrubber, second being the gases flow into a wet electrostatic precipitator and then finally the RTO. Mr. DiSantis had no additional comments to the written report. The Committee had no additional questions regarding the written report.

5. MONTHLY REPORT – DIRECTOR OF ENGINEERING: Mr. Hurst highlighted certain items in the written report. Regarding the Sewer Maintenance contract, he stated that work continues the pipe systems in the ground including on the force main and the pump station on Delaware Avenue in Marcus Hook. Regarding the paving contract he reported that there has been various work done around the WRTP. Mr. Hurst stated that T-28 came online, and he thanked the other departments in their collaboration with this project. Mr. Hurst reported that T-27 is now shut down to do maintenance. Mr. Hurst reported that there are valves that are 40 years old and needed to be replaced so now that the additional tank is online, they can replace those valves. Mr. Hurst stated that CCTV work continues through both the Edgmont/Middletown/Rose Valley project and the Southwest Authority project. Mr. Hurst reported that the Townsend Street project has started, and additional community engagement will be required due to the construction that will be occurring in that area. Mr. Hurst reported that the design of the Tunnel project is complete and is ready to be put out for bid. The design of the Pump Stations is coming along with getting easements that are needed. He stated that regarding the Philadelphia letter that was received last month they are still working on what impacts that letter has on DELCORA long term.

Regarding the design of the Outfall and Diffuser project, he reported that permit submissions are being sent in one being the 404 permit that allows DELCORA to do the work in the river that's needed in order to dredge, open a trench, and install the pipe within the river. He also briefly reviewed the Regulatory filings and Pretreatment activities listed on the written report. Mr. Hurst had no additional comments to the written report. Mr. Moss asked when the Tunnel Project is expected to hit the street, Mr.

Hurst responded that he does not have a time frame. Ms. Nichols congratulated Mr. Hurst on getting T-28 come online. The Committee had no additional 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 preparation of the Chapter 94 report for 2022 is currently underway and he is working with the DELCORA staff to complete that. Also, the Annual SWMM Modeling continues to proceed. Mr. Lehman reported that the Metering Program continues to function as anticipated for all of the meters in the system. Mr. Lehman reported that there was a precipitation issue with the December model, the gauge at the WRTP did not collect all precipitation and they resolved that issue and submitted the information to DELCORA for review. Mr. Lehman had no additional comments to the written report. The Committee had no questions regarding the written report.

7. CHANGE ORDERS: Mr. Mullen stated that there were no Contract Change Orders at this time.

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. Howden - Proposal Dated March 2, 2023 - To Perform Class I And Class II Services On Turblex/Howden Blowers – Total Amount Not To Exceed \$45,000.00 (Operating Funds)

Mr. DiSantis stated that Howden is a company that owns the blowers that we use in our Sludge system. This is to continue a service contract with Howden and allows them to service two blowers this year.

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 March 21st Board meeting.

- B. Pennoni Associates, Inc. – Proposal Dated March 8, 2023 – For Professional Engineering Services For Engineering Assessment And Original Cost - Update – Total Additional Amount Not To Exceed \$4,000.00 (Operating Funds)

Mr. Hurst stated that this is for additional funds for the assessment of DELCORA's assets regarding litigation. Ms. Billings asked Mr. Hurst what the scope of that project is. Mr. Hurst responded that it provides an overview of the assets in question plus a cost estimate to perform a detailed asset inventory (but not actually performing the inventory at this time). Ms. Billings confirmed that seems like the right approach.

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 March 21st Board meeting.

10. AUTHORIZATION TO ADVERTISE FOR BIDS:

- Contract No. PR-2301-C – Beech Street Pump Station Force Main Replacement

It was the consensus of the Committee to recommend Board approval of the above Authorizations to Advertise. This item will be placed on the agenda for the March 21st Board meeting.

11. AUTHORIZATION TO PURCHASE:

- ENVIREP - Proposal Dated January 23, 2023 - To Purchase 20 Omni-Site Auto Dialers Through PA Costars Contract #016-80 – Total Amount Not To Exceed \$82,876.00 (Capital Funds)
- XYLEM – Proposal Dated February 18, 2023 – For A Sole Source Purchase Of Parts To Rebuild A Pump At The Central Delaware PS – Total Amount Not To Exceed \$52,709.00 (Capital Funds).

It was the consensus of the Committee to recommend Board approval of the above Authorization to Purchase. These items will be placed on the agenda for the March 21st Board Meeting.

ADJOURNMENT: It was moved by Ms. Billings, seconded by Ms. Nichols, and unanimously carried to adjourn the regular meeting at 3:58 p.m.