

MINUTES
OPERATIONS & ENGINEERING COMMITTEE MEETING
JANUARY 9, 2024 (VIRTUAL)

Attendants: Messrs. Cartafalsa, Cherico, DiSantis, S. Garner, Hurst, Kern, Lehman, Martin, Moss, Mullen, Nagle, Schuster, Willert, and Mesdames Amadio, Billings, Caulk, B. Garner, Keffer, and Nichols.

1. ROLL CALL: Nine 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: Mr. Mullen stated that there were no bid openings at this time.

4. MONTHLY REPORT – DIRECTOR OF OPERATIONS & MAINTENANCE: Mr. DiSantis highlighted certain items in the written report. Mr. DiSantis stated that storm crews will be placed throughout Delaware County in preparation for the rainstorm later this evening. He stated that there were no violations at the WRTP or any of the remote facilities during the month of December. Mr. DiSantis reported that December was an extremely wet month. The average daily flow in December went from 32 million to 41 million. Due to increased flow caused by wet weather, we received a lower percentage than normal of the flow from the Central Delaware Pump Station. Mr. DiSantis stated that WRTP had the highest single flow day in the past 20 years on December 27th, which was 91.84 total million gallons. There were nine reportable incidents to PADEP during the month. There were eight wet weather SSOs, and one emissions incident. The emissions incident occurred because of a failure of a bad PLC output card. The SSO's occurred because of the rain events on December 18th, and December 27th. The overflows occurred at the Rose Valley PS, the Muckinipates PS (twice), manholes in the Tyler Arboretum, Southern Delaware County Authority's Beech Street PS (twice), and Norwood's Martin Lane Pump Station (twice). All facilities were in service at the time of the overflows. Once the rain subsided, normal operation resumed at all sites.

Mr. DiSantis reported that Hauled Waste had a great month; he noted that we received 21.43 million gallons in December and will probably exceed the budget for the month. Regarding maintenance activities, Central Maintenance work orders for the year were 43% corrective versus 57% planned and predicted. 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. Under the Sewer Maintenance contract, A. J. Jurich performed the following: Chester Pump Station By-pass piping, EB2 Piping in WRTP, Air Relief Valve 151 on CR Force Main pipe stop, T-13 Drain line WRTP, and Townsend Street test hole pits. Regarding the Incinerator Maintenance contract, he stated that

extensive work was performed on Incinerator #1, which included De-Slagging and cleaning out furnaces, patching two rabble arms on Hearth 3, patching one rabble arm on Hearth 4, replacement of 32 rabble teeth, replacement of Venturi Spray lance, and the repairing one spray lance. Under the Electrical Maintenance contract, Mr. Hurst reported that, within the last month, PECO announced that they are going to take one of our two parallel feeds away from us. Mr. Hurst reviewed the work performed under the Plant and Facilities Services contract which included tank cleanings at the WRTP, I&I pilot repair program, and DELCORA safety hatch program. Regarding the CSO#5 Townsend Street contract, Mr. Hurst plans on having the contractor begin the installation sometime within the next few months. Sitework should begin in February for the B-3 UPS Installation contract.

Regarding the Long-Term Control Plan, Mr. Hurst stated that there was no significant change as to what is in the report. DELCORA met with the EPA this past month and reviewed the four major alternatives that have been discussed for the last few months that precipitated some additional tweaks to those four alternatives, then went back with some documents to the EPA. Regarding the ESA Program, the Tunnel Project has been put on hold for now, but Mr. Hurst stated that we are still purchasing land for the Tunnel Project. 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. Mr. Lehman highlighted a few active items in his report such as the SWMM Report. Mr. Lehman reported that over six inches of rain was recorded for the month of December, which is three times the normal flow. Mr. Lehman reported that the Metering Program continues to proceed on schedule. 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 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. Hach Company – Proposal Dated November 28, 2023 – For Professional Services For The Coverage and Support of RTC Channel, Includes Ongoing Priority Tech Support, Remote Monitoring, System Alerts, and Monthly Reports. This also Covers all Parts, Labor, and Travel for Onsite Repairs of the RTC – Total Amount Not To Exceed \$7,020.00 (Operating Funds)

Mr. DiSantis stated that this proposal is for annual support for chlorination and dichlorination.

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 January 16th Board meeting.

- B. Freya Systems LLC. – Proposal Dated December 4, 2023 – For Professional Services To Support DELCORA in Data Science and Software. This Would Provide DELCORA with Access to Support for Algorithm Maintenance, Future Project Feasibility Assessment, Ad-Hoc Analysis, Data Engineering, and More – Total Quarterly Amount Not To Exceed \$7,500.00 (Operating Funds)

Mr. DiSantis stated that this proposal is for Freya to work with us to see if there are any other places where AI could be used.

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 January 16th Board meeting.

- C. LRM, Inc. – Proposal Dated January 2, 2024 – For Professional Instrumentation Service For B-3 Annual Calibrations– Total Amount Not To Exceed \$12,000.00 (Operating Funds)

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 January 16th Board meeting.

- D. Greeley and Hansen – Proposal Dated January 3, 2024 – For Professional Engineering Services For LTCP Update Support Services– Total Amount Not To Exceed \$50,000.00 (Capital Funds)

Mr. Hurst stated that this proposal is for Modeling alternatives for LTCP and predicting what performance we will get out of any changes we may make.

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 January 16th Board meeting.

- E. HRG, Inc – Proposal Dated January 4, 2024 – For Professional Engineering Services For the Preparation of the 2023 Chapter 94 Wasteload Report for the Edgmont Township Collection and Conveyance System– Total Amount Not To Exceed \$3,200.00 (Operating Funds)

Mr. Hurst stated that HRG recently purchased Bradford Engineering. HRG will now be generating our Chapter 94 report for Edgmont Township.

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 January 16th Board meeting.

- F. D'Huy Engineering, Inc, Inc – Proposal Dated December 28, 2023 – For Professional Engineering Services For Design and Permitting of PS-6 Odor

Control Improvements– Total Amount Not To Exceed \$270,000.00 (Operating Funds)

Mr. Hurst stated that this is for the final design and permitting for PS-6.

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 January 16th 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:

- Environmental Service & Equipment Company, LTD – Quote Dated January 4, 2024 – For the Purchase Of One (1) Complete Hydro 10,000 PPD Chlorinator and One (1) Vaporizer System, The Labor and Materials Needed for The Removal of Existing Equipment, and The Installation of The New Equipment Through PA COSTARS Contract #016-E23-284 – Total Amount Not To Exceed \$107,813.00 (Capital Funds)

Mr. DiSantis stated that this purchase is for Chlorination equipment. We are replacing the original 1973 equipment.

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 January 16th Board meeting.

- Dukes Root Control, Inc. – Quote Dated March 17, 2023 – For The Purchase of Sanitary Sewer Mainline Smoke Testing Program Through The PA COSTARS Contract #016-E22-232 – Total Amount Not To \$1,178.00 (Capital Funds)

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 January 16th Board meeting.

Ms. Nichols asked what will be the next steps after identifying the smoke testing? Ms. Billings answered that the Solicitor is working on guidelines for DELCORA to work on private property.

12. APPROVAL OF THE FOLLOWING REVISED LICENSE AGREEMENT FOR THE WASTEWATER TUNNEL PROJECT:

<u>Parcel No.</u>	<u>Owner</u>	<u>Type of Easement</u>	<u>Cost</u>
33-00-00852-01	PA Historical & Museum Commission	Subterranean	None

(Property is known as Morton Homestead located in Morton Homestead State Park, 100 Lincoln Avenue, Prospect Park, PA 19076)

Mr. Hurst stated that this is land that we are purchasing that will be used for the Tunnel Project.

It was the consensus of the Committee to recommend Board approval of the above License Agreement. This item will be placed on the agenda for the January 16th Board meeting.

13. ADJOURNMENT: It was moved by Mr. Nagle, seconded by Ms. Keffer, and unanimously carried to adjourn the regular meeting at 4:06 p.m.