

MINUTES
OPERATIONS & ENGINEERING COMMITTEE MEETING
FEBRUARY 9, 2021 (VIRTUAL)

Attendants: Messrs. DiSantis, Kern, Hurst, 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: 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 there were no violations at the WRTP during January; however, there was one violation at the Chadds Ford Ridings facility caused by a process upset. The source of the upset is not known but it resulted in exceeding the fecal coliform limit greater than 1,000. Corrective action was taken and the plant operation is now normal. Mr. DiSantis noted an error on his report under Item B.3 – Total Gallons Pumped. The monthly total amount should be corrected to 12,304,196. Continuing, Mr. DiSantis reported that since January was a rather dry month, 98% of the flow from the Central Delaware Pump Station went to the WRTP. There was one reportable incident during the month. The incident was a dry weather Sanitary Sewer Overflow (SSO) in Edgmont Township caused by a failed valve on an air relief. A very small amount leaked out around the air relief valve box. Mr. DiSantis noted that there were no emissions incidents in January and only one in December resulting from changes that were made in the Fall that are working very well to address RTO issues. He thanked the Engineering and Maintenance staff for supporting Operations in finding a solution to this problem.

Regarding Maintenance items, Mr. DiSantis stated that Sewer Maintenance continues to work on the Delaware River Interceptor which is critical to keeping overflows down during rain events. Also, he noted that the Springhill Farm Pump Station was officially started on February 3rd. He thanked Ted Diewald, Project Manager, and the great effort between O&M and Engineering to complete this project. Concerning Trucked Waste, Mr. DiSantis stated that revenue continues to meet budget. He also wanted to thank the Board for previously approving funds of approximately \$165,000 to purchase several vehicles. Four new vehicles have been purchased for about \$147,000. The four vehicles were the only ones available at that time.

In response to a question from Mr. Kern about a piece of equipment called “The Beast”, Mr. DiSantis explained that this equipment, which is manufactured by Enviro-Care, is a septage and FOG (fats, oils and grease) screening device that provides excellent screening of fats, oils and grease for our grease acceptance business.

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. Regarding the HVAC project, he reported that this project is continuing into the next phase with work in B-3. Under the Sewer Maintenance contract, there was a major repair at 16th Street and Providence Avenue which is now completed and the Paving contractor has restored the area. The WRTP Substation No. 2 Replacement project is almost closed out and will then be removed from the report. The Springhill Farm Pump Station project is in the close-out phase except for a few punch list items. He congratulated Ted Diewald for his work on this project to keep it running smoothly. There was no incinerator maintenance work performed in January and he also acknowledged the Operations staff for their efforts resulting in no recent bypass incidents. Regarding the WRTP Plant Upgrades-2020 project, Mr. Hurst reported that the existing tanks (ET-1, 2, 3 and 4) are being completely remodeled. The walls were built in the 1930's and the top slabs were replaced in the 1970's, and both are in need of repair. It is well worth the investment of the remodel to extend the life of the tanks. More detail will be provided on this under the Change Order listed on today's agenda.

Under the Long Term Control Plan Update (LTCPU), Mr. Hurst reported that several documents were submitted in January and February in response to the December 2020 USEPA comments letter, namely, the revised LTCPU and Nine Minimum Controls Update reports, and most recently, the revised Financial Capability Analysis report. He noted that work continues on the ESA Alternatives design project and that the drilling of bore holes for core sampling of the rock is progressing along Rt. 291. Concerning the Pump Station Upgrades Design project, Mr. Hurst stated that virtual site meetings are being held with other owners of deep tunnel pump stations to learn more about their facilities. Regarding the WRTP Expansion Design project, Kleinfelder is doing some work on sludge dewatering alternatives for the expansion and arranging a site visit of a local facility that has technology that could be useful. The Crum Creek Pump Station Bypass Force Main was determined to be redundant with the Tunnel project so this has been placed on hold. Bypass pumps are needed at the Central Pump Station to address the overflow issues. This use of bypass pumps is being pursued with the PADEP and the Central Authority. Currently, there is a failed valve in the pump that needs to be replaced. Lastly, an O&E Subcommittee meeting was held recently to explain the T-27 / T-28 Clarifier project that will go out for bid soon. Mr. Hurst offered to present that information to any Board member who did not attend the O&E Subcommittee meeting. 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 work has begun on the Annual Chapter 94 Report due by the end of March to the PADEP. Letters were sent to the Authorities and communities that contribute directly to DELCORA for their input. The notification letter was received from the Philadelphia Water Department for submission of the Eastern Report. The SWMM Modeling is continuing. Weston completed the runs for

2020 and is in the process of preparing the summary report for 2020 which is attached as an appendix to the Chapter 94 report. The Metering Program data continues to flow in and be processed. Weston is providing several communities with a summary of their data per their request for use in their municipal Chapter 94 reports. The service territory map has been updated with the most recent information received from several recipients of the 537 Plan. Lastly, Weston was provided with the contractor red-line drawings for the Utility Water project which will be reviewed. Record drawings will be prepared and submitted to DELCORA for comments. 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-2006-C – WRTP Plant Upgrades 2020 – Contract A – General Construction – Change Order No. 1 Which Includes Two Parts:
 - > Part A – Increase In Contract Amount To Increase Concrete Rehab And Linings Products To Address Sludge Holding Tank Conditions – Increase In Contract Amount Of \$596,659.00 (Allan Myers, L.P.)
 - > Part B – Increase In Contract Amount To Waterproof The Top Of The Concrete Tanks To Further Extend The Life Of The New Tank Linings – Increase In Contract Amount Of \$167,538.00 (Allan Myers, L.P.)

Mr. Hurst provided an overview of Parts A and B. An early task was to remove the compromised concrete in the sludge holding tanks to reach a normal pH but conditions proved worse. It was determined that a higher corrosion resistant product was needed. The general contractor was used to solicit pricing from multiple installers. This work is Part A of the change order. Next, it was determined that the top of the tanks should also be waterproofed so water stays out of the concrete on the top so it does not migrate down compromising the coating. This solution will extend the life of the tanks another 20-40 years. This waterproofing work is Part B of the change order.

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 February 16th 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. AQUALAW PLC Of Richmond Virginia – Proposal Dated January 22, 2021 – For Professional Services For Continued Assistance With The LTCP Update, The Consent Decree, And Permitting – Total Additional Amount Not To Exceed \$50,000.00 (Operating Funds) (AQUALAW Is Not Affiliated With AQUA PA)

Mr. Hurst provided a brief overview of the above proposal. AquaLaw continues to provide necessary legal support in updating the Long Term Control Plan, the Consent Decree and a number of permitting activities. The renewal of the NPDES permit was just published in the Pennsylvania Bulletin and is available for public comment.

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 February 16th Board meeting.

10. AUTHORIZATION TO ADVERTISE FOR BIDS:

- Contract No. P2021-01 – Sewer Lateral Cleaning & Maintenance Services – Parts A & B

Mr. Hurst stated that this Purchasing contract is a standard contract up for renewal. Part A is the Emergency portion used for line clogs and line cleaning of laterals, and Part B is the Repair portion with unit pricing used for lateral dig-up repairs. This contract will be advertised in the next few weeks.

It was the consensus of the Committee to recommend Board approval of the above Authorization to Advertise. This item will be placed on the agenda for the February 16th Board meeting.

11. RESOLUTION NO. 2021-03 – RESOLUTION AUTHORIZING THE ACQUISITION OF FEE SIMPLE TITLE TO THE PROPERTIES IDENTIFIED AS DELAWARE COUNTY FOLIO NUMBERS 38-06-00908-00 AND 38-06-00501-00 BY CONDEMNATION OR DEED IN LIEU OF CONDEMNATION AND THE PAYMENT OF JUST COMPENSATION IN CONJUNCTION WITH THE WASTEWATER TUNNEL PROJECT.

Mr. Hurst stated that this resolution is to obtain easements on two parcels adjacent to the Central Pump Station that are needed for construction of the tunnel project. Mr. Nagle asked how 'just compensation' is determined. Mr. Hurst responded that two firms are used for land acquisitions: ERM, an engineering firm, and Mike Maddren provides legal services. They research property values to determine a fair offer to avoid condemnation.

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

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