

**MINUTES**  
**OPERATIONS & ENGINEERING COMMITTEE MEETING**  
**JANUARY 10, 2023**

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

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

The following were present for the bid openings: Anthony Moore of Moore Brothers, Tom Blair of MOR Construction, Jack Eller of JPC Group, Diana Jurich of Jurich, Inc., Bill Dietz of Allan Myers, Kristen Abbonizio of N. Abbonizio Contractors, Ron Liberatore of A. F. Damon, and Steve Donahue of Remington Vernick. Also present were Mike Ewall and S. Vinci. 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 OPENINGS:

- Contract No. SC-2101- C – Townsend Street CSO #5 Partial Separation Project

Mr. Hurst stated that there were five bids received.

	<u>Total Bid Amount</u>
Allan Myers L.P.	\$3,515,555.00
JPC Group, Inc.	\$6,174,950.00
Jurich, Inc.	\$3,753,670.00
MOR Construction Services, Inc.	\$3,734,767.00
N. Abbonizio Contractors, Inc.	\$5,746,590.00

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 January 17<sup>th</sup> Board meeting.

- Contract No. SEW-2204-CO – Furnishing Equipment, Labor & Supervision for Paving Restoration Services

Mr. Hurst stated that there were two bids received.

	<u>1 YEAR BID AMOUNT</u>	<u>2 YEAR BID AMOUNT</u>
A. F. Damon, Inc.	\$230,875.00	\$465,600.00
Moore Brothers Enterprises, Ltd.	\$274,730.00	\$550,795.00

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 January 17<sup>th</sup> Board meeting.

4. MONTHLY REPORT – DIRECTOR OF OPERATIONS & MAINTENANCE: Mr. DiSantis highlighted certain items in the written report. He stated that due to a process upset, there were exceedances of our weekly and monthly cBOD and TSS limits at the W RTP during December; however, by the last week of the month, we returned to typical single digit BOD and TSS. To facilitate construction, half of the primary clarifiers were out of service for multiple months. The reduction across primaries is monitored closely. The target has always been 60% minimum and, normally, six of the eight clarifiers in service is not a problem. Recently, there were four in operation for multiple months and in November, Mr. DiSantis noted that removal was only 37%. Adding to that in December, there were also industrial loading issues and the extreme cold weather resulted in a process upset that had to be worked through. Mr. DiSantis stated that there were no reportable emissions incidents during the month. There were two reportable SSOs; both were wet weather SSOs that occurred during the same rain event on December 15<sup>th</sup> and 16<sup>th</sup>. Regarding precipitation, he stated that December was wet compared to previous months. Flows were 20% higher than in November and 10% higher than the year-to-date average. He stated that outside of the process upsets, December was an otherwise normal month. He noted that stack testing is done in January-February every year so, prior to that, there is a great deal of annual-type incinerator maintenance performed, which resulted in 62 loads being hauled. Both incinerators were only in service 76% of the time which is the lowest amount during 2022.

Continuing, Mr. DiSantis stated that there were no violations or exceedances at any of the remote facilities. Regarding maintenance activities, he reported that the major issue was the extreme cold weather over the Christmas weekend which caused heating issues at multiple sites as well as major electrical issues at the Thornbury WWTP. Sewer Maintenance continued their typical routine work but he noted that the SM crews perform our winter storm-related work, such as doing all of the shoveling and plowing at DELCORA. Lastly, he stated that Trucked Waste had a typical month. Mr. DiSantis had no additional comments to the written report. The Committee had no questions regarding the written report.

5. MONTHLY REPORT – DIRECTOR OF ENGINEERING: Mr. Hurst highlighted certain items in the written report. Regarding Incinerator Maintenance, he reported that much was accomplished, such as built and re-built a hearth, and replaced the lids on the bypass stack to keep those in high quality and well-sealed plus other maintenance work on the incinerators. Concerning the T-28 Construction and PS-5 Modifications project, Mr. Hurst stated that work is being done on some piping connections while also installing the clarifier mechanism inside the completed concrete tank. Per the current schedule, the start-up on that clarifier is expected to occur in mid-February and we are looking forward to getting that online. Regarding the Long Term Control Plan, Mr. Hurst reported that another version of the Long Term Control Plan and the Financial Capability Analysis was submitted to the EPA and PADEP on December 23<sup>rd</sup>. We believe the submittal was fully responsive and addressed all outstanding comments. We

are again optimistic on getting approval on the Long Term Control Plan. Continuing, he stated that bids were just received on the Townsend Street project. Regarding the Tunnel project, the design of the tunnel piece itself is nearing completion and the final design drawings are expected at the end of this month and should be ready to be put out for bid. There is a great deal of permit work required for the tunnel project. Mr. Hurst also mentioned that Chester City has not yet placed adoption of the 537 Plan on their agenda despite a written request to do so.

Regarding the Pyrolysis Study, Mr. Hurst stated that a draft report that was received and is being reviewed internally. After review, a report on its findings will be presented to the Board. He also briefly reviewed the Pretreatment activities listed on the written report. Reporting on the DRBC issue with ammonia, he stated that there's been considerable correspondence between EPA and some others regarding the schedule for adopting ammonia limits. We will continue to engage in that process, possibly with some additional letters to the EPA and some other regulatory entities. 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 SWMM Modeling continues to proceed and that the new contract has begun. Mr. Lehman reported that the Metering Program continues to proceed with regular servicing and replacement of meters, and also the required maintenance of the sewers in which they reside is performed. There continues to be good up-time and solid data received. 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. AQUALAW PLC Of Richmond Virginia – Proposal Dated December 22, 2022 – For Professional Services To Provide Continued Assistance For The Long Term Control Plan Update, Consent Decree, And Permitting Matters – Total Additional Amount Not To Exceed \$50,000.00 (Operating Funds)

Mr. Hurst stated that this proposal is for ongoing support with a variety of matters, such as the Long Term Control Plan and other permitting matters. He also mentioned that AQUALAW is not affiliated with Aqua PA. This will be noted on the Board agenda.

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 17<sup>th</sup> Board meeting.

- B. Chavond-Barry Engineering Corp. – Proposal Dated January 8, 2023 – For Professional Engineering Advice For The Year 2023 – Total Amount Not To Exceed \$30,000.00 (Operating Funds)

Mr. Hurst stated that Chavond-Barry performs all of our combustion engineering support plus a number of ongoing activities. This proposal also serves as an on-call contract to engage them for various incineration 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 January 17<sup>th</sup> Board meeting.

- C. Chavond-Barry Engineering Corp. – Proposal Dated January 8, 2023 – For 2023 Incinerator Operator Training – Total Amount Not To Exceed \$10,000.00 (Operating Funds)

Mr. DiSantis stated that this proposal is to conduct the PADEP-required training of the incinerator operators. This proposal covers two training sessions so all operators can attend.

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 17<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:

- Levan Machine And Truck Equipment – Proposal Dated December 15, 2022 – To Provide And Install (2) Utility Bodies And (1) Power Liftgate To Three Of Our Recently Purchased F-250 Pickup Trucks Via PA CO-STARS Purchase Contract #025-E22-435 – Total Amount Not To Exceed \$24,485.00 (Capital Funds)

Mr. DiSantis stated that this purchase of utility bodies and liftgate is for the new trucks recently delivered. The amount of this purchase is above the threshold and requires Board authorization.

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 17<sup>th</sup> Board meeting.

Prior to adjournment, Mr. Willert requested an Executive Session be held after the regular meeting.

ADJOURNMENT: It was moved by Ms. Billings, seconded by Mr. Nagle, and unanimously carried to adjourn the regular meeting at 3:50 p.m.