

Date: February 27, 2025                      Subject: Engineering Committee Meeting  
Minutes Wednesday February 26, 2025

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To: Board of Directors                      From: Engineering Committee and  
Arthur G. Simonian, Executive Director

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**Engineering Committee  
Wednesday, February 26, 2025  
Meeting Minutes**

The Engineering Committee met Wednesday, February 26, 2025, at the District Offices, 245 Main Street, Cromwell, Connecticut.

Chairman, Mr. John Dunham called the meeting to order at 7:00 p.m. Present were, Committee Members –Liam Mitchell, Don Naples, Bonnie Anderson and Nick Stevens. There was a quorum. Also, present from the Mattabassett District were Executive Director – Arthur Simonian and District Engineer – Michelle Ryan. Committee Member Phil Pessina was in attendance virtually.

February 26, 2025 Engineering Committee Meeting was held to discuss:

- 1) **Item #1 Hazen & Sawyer Trunk Sewer Rehabilitation-** Bid Waiver and Approval in the amount of \$53,260.00

Discussion: The Committee will meet at a later date to discuss project construction. Hazen will provide a breakdown of their final design proposal by scope. A contract agreement will be prepared for the final design.

**MOTION:** The Engineering Committee recommends to the Board of Directors to approve a bid waiver to utilize Hazen & Sawyer of Wethersfield, CT for the trunk sewer rehabilitation project final design, in the amount not to exceed \$53,260.00

**Mr. Naples moved and Ms. Anderson seconded and the Committee approved unanimously.**

- 2) **Item #2 Hazen & Sawyer Trunk Sewer Rehabilitation-** The Committee reviewed the Hazen and Sawyers engineer's estimate for two separate sections of trunk lining totaling 940 feet and the has adequate funds for this Phase 1.

**3) Item #3 Tradesmen of New England – Bid Waiver and Approval in the amount of \$73,149.61**

Discussion: Tradesmen of New England, will upgrade the District's existing HVAC software in the Automatrix System, as the software is outdated and no longer being supported with updated. This would be in the best interest of the District to upgrade for security purposes.

**MOTION:** The Engineering Committee recommends to the Board of Directors to approve a bid waiver to utilize Tradesmen of New England, for HVAC server upgrades, in the amount not to exceed \$73,149.61

**Ms. Anderson moved and Mr. Pessina seconded and the Committee approved unanimously.**

**4) Item #4 CDM Smith Odor Control Assessment and Improvements-** The Engineering Committee to approve the bid waiver and utilize CDM Control Assessment and Improvements in the amount of \$29,500.00 as referred on January 13, 2025.

Discussion: CDM Smith will prepare a design to upgrade the existing centrate sewer well with a vapor phase odor control (VPOC), evaluate the existing Middletown's Liquid Phase Odor Control (LPOC) system and recommend repairs for airflow leakage in the Biotrickling Filter (BTF) Recirculation Tank.

**Mr. Mitchell moved and Mr. Pessina seconded and the Committee approved unanimously.**

**5) Item #5 GEA Mechanical Equipment US, Inc. – Bid Waiver and Approval in the amount of \$227,401.00**

Discussion: GEA Mechanical Equipment US, Inc, from Northvale, New Jersey for a 3-year preventative maintenance for the District's 3 GEA dewatering centrifuges.

**MOTION:** The Engineering Committee recommends to the Board of Directors to approve a bid waiver and utilize GEA Mechanical Equipment US, Inc., for a 3-year maintenance service contract, in the amount not to exceed \$227,401.00 with rates provided and locked for 3-years and purchase orders issued annually for each year.

**Mr. Naples moved and Mr. Mitchell seconded and the Committee approved unanimously.**

**6)Item #6 ECS Municipal – Bid Waiver and Approval in the amount of \$147,438.00**

Discussion: ECS Municipal, from Belton, Texas, will replace the existing carbon media in 2 odor treatment units. (primary tanks, sludge unloading #2113 and dewatering building #2115)

**MOTION:** The Engineering Committee recommends to the Board of Directors to approve a bid waiver and utilize ECS Municipal of Belton, TX, for removal, disposal and replacement of coconut shell carbon in two odor control units, in the amount not to exceed \$147,438.00.

**Mr. Pessina moved and Ms. Anderson seconded and the Committee approved unanimously.**

**7)Item #7 Penn Valley Pump Primary Tank Upgrades –**

Discussion: Penn Valley Pump Company of Warrington, PA, installed a pump on a temporary-trial basis, and has been working efficiently for several months. The District is proposing to purchase and replace all 4 piston pumps with Penn Valley pumps, and retain CDM for design documents for the permanent installation.

**8)Item #8 Odor Control Assessment -**

Discussion: After the Cromwell presentation some perimeter testing was done, as well as additional testing of the Middletown Connect in mid-December. The reading from the Middletown Connection did come down from the initial reading they had but still elevated above 30ppm. We did get an upgraded report and is now posted on the The Mattabassett District website.

**9)Item #9 EPA Malfunction Notification on the Incinerator Mercury Control System (GAC) –**

Discussion: Mercury levels were above EPA and met the CT DEEP limits. Some troubleshooting was done. They have replaced the lower plenum and no issues were found in the bypass valve. We are still working with vendors

to come up with a remedy. The carbon company sent us 2 more sacks at no cost, to add more carbon to the unit. In the Spring we will take the existing carbon out and have it fully inspected, clean the vessels and make sure there is no built up. We will also have another shutdown, in the future, and have a proposal for air balancing to check if stack air is bypassing the carbon.

**10)Item #10 Dewatering Building Stairwell Structural Improvements -**

Discussion: Jacobs recommends the District provide direction to Nickerson to have the stairwell area opened further in order to design a connection for the exposed beam. Refer to email in package.

**11)Item #11 2025-2026 Projects –**

Discussion: A spreadsheet of completed, on-going and upcoming projects were provided. Major projects are being posted on our website as well.

**Adjournment:**

Mr. Naples moved, no second necessary, and the committee approved unanimously to adjourn at 8:22 PM.

C: Board Members not on the Engineering Committee