

Date: April 19, 2024

Subject: Engineering Committee Meeting
Minutes Tuesday, April 16, 2024

To: Board of Directors

From: Engineering Committee and
Arthur G. Simonian, Executive Director

**Engineering Committee
Tuesday, April 16, 2024, Meeting Minutes**

The Engineering Committee met Tuesday, April 16, 2024, at the District Offices, 245 Main Street, Cromwell, Connecticut.

Executive Director, Arthur Simonian called the meeting to order at 5:30 p.m. Present was Chairman, John Dunham, and Committee Members – Bonnie Anderson, Don Naples and Liam Mitchell were in attendance. Also, present were Executive Director – Arthur Simonian and District Engineer – Michelle Ryan. Also present was Ray Jarema from the town of Berlin Water Control. David Bauer was absent. There was a quorum.

The April 16th Engineering Meeting was held to discuss:

1) On-Call Consultant Project:

a. Jacobs

Plant Condition Assessment and Asset Management

b. CDM Smith

i. Interceptor Backflow Assessment

ii. Sludge Storage Tank Blower related to energy efficiency upgrade projects.

iii. Odor Control Equipment Assessment and Improvements

Item No. 1:

We discussed the projects we are starting with the On-Call Consultants that include the following:

Jacobs will be looking to do a facility condition assessment as outland in their proposal of \$38,200. The committee agreed to accept their proposal.

CDM Smith completed their review and assessment of the section of trunk sewer by the Berlin Interceptor that is experiencing backflow. We just received their report and Michelle and Art are reviewing the study.

CDM Smith submitted their \$62,800 proposal for design of the Sludge Storage Tank Blowers Motors and that this project will also provide the District

additional Eversource Energy Efficiency dollars related to the Air Compressor Project.

Also, CDM will be submitting a proposal for Odor Control Equipment Assessment and Improvements with various odor complaints included. We have accepted their proposal.

- 2) Odor Monitoring – In plant walk through updates and On-Call Consultants.

Item No. 2:

Art discussed the plant walk-through with Jacobs and CDM Smith. He showed them odorous areas, the odor treatment equipment and explained how we want to evaluate how well these are providing odor treatment, if they have additional capacity and/or if we need additional capacity to fully treat any fugitive odors.

- 3) Cone Valve – Discussion on the next Cone Valve replacement.

Item No. 3:

Art discussed the status of the current Cone Valve #1 in stock, with installation this summer followed by evaluation of how well it works.

- 4) Flow Meters – Discussion on meeting with the Berlin Officials, Water Control, EPA, and CT DEEP.

Item No. 4:

Art brought up the status of our temporary flow monitoring, and the meeting we want to schedule with the Town of Berlin Officials and Water Control, EPA and CTDEEP. We reviewed the draft meeting agenda and discussed what items should be covered and who should be invited to attend the meeting.

- 5) Cone Valve – Discussion – Status on current Cone Valve Replacement

Once it's evaluated, we will decide to either replace #2 valve or rebuild it. There is 300K of funds available in July 2024.

- 6) Related Business and Staff Updates

Item No. 6:

Art demonstrated a flood simulation model showing the plant grounds under a 100-year & 500-year flood.

Adjournment:

Mr. Don Naples moved, no second necessary, and the committee approved unanimously to adjourn at 6:23 PM.

C: Board Members not on the Engineering Committee

DRAFT