

As voted by the Board of Trustees and in accordance with the notice of the meeting, the monthly Workshop Meeting of the Board of Trustees of the Portland Water District was held in the Nixon Training Center at the general offices of the District, 225 Douglass Street, Portland, Maine, on Monday, June 16, 2025. In attendance from staff were C. Crovo, S. Firmin, M. Clements, S. Payne, H. Newman, R. Erickson, J. Wallace, D. Kane, and G. Pellerin.

Trustee Shattuck-Heidorn was absent.

President Lunt convened the workshop meeting at 6:34 p.m.

1. Condition Assessment of 30" PCCP Southern Feeder Water Transmission Main – South Portland & Cape Elizabeth

Sarah Payne, Associate Engineer, and Ryan Erickson, Transmission and Distribution Supervisor, presented an overview of the District's latest condition assessment of the 30-inch Prestressed Concrete Cylinder Pipe (PCCP) Southern Feeder, which serves the South Portland and Cape Elizabeth areas.

They emphasized the importance of moving from a reactive to a proactive approach in managing aging infrastructure, particularly for large-diameter transmission mains. Failures can be catastrophic and difficult to repair due to inexperience, long material lead times, and logistical challenges—such as those seen in the Stroudwater River repair.

The inspection, conducted in October 2024, utilized advanced acoustic and electromagnetic technologies to evaluate approximately 17,500 feet of pipeline installed in 1949. No leaks or air pockets were detected. Four pipe segments showed evidence of broken wire wraps, all well below actionable thresholds.

The project required extensive coordination across departments and provided valuable baseline condition data for future asset management strategies.

Looking ahead, the team is in the planning phase for a similar assessment of the 33-inch PCCP wastewater force main from the India Street Pump Station to the East End Wastewater Treatment Plant. Due to the pipe's vintage and lack of redundancy, this segment is considered a priority.

These efforts support the development of a formal Condition Assessment Program, aligned with Phase 2 of the District's Master Plan. This program will complement the existing risk model developed in Phase 1 and help the District proactively manage its most critical water and wastewater linear assets.

2. Other Business

General Manager Scott Firmin reminded attendees about the upcoming Southern Maine Regional Water Council Annual Meeting, which is scheduled for Thursday, June 26th, in Biddeford.

He shared an update on the ongoing renovations at the Douglass Street facility, noting that the project is currently in its second phase, focusing on the first and third floors.

Mr. Firmin also mentioned that Trustee iPad email updates are underway, with Matt Presti continuing the updates following next week's business meeting if not completed beforehand.

Lastly, Mr. Firmin reported that LD 297: An Act Regarding the Management of Oversized Bulky Waste from Wastewater Treatment Plants has officially passed and is now awaiting the Governor's signature.

3. Adjourn

The meeting was adjourned at 7:13 p.m.

Submitted by,

Donna M. Katsiaficas

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Clerk