

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 at the East End Wastewater Treatment Facility, 500 Marginal Way, Portland, Maine on October 10, 2017. In attendance from staff were Messrs. Crovo, Kane, Wallace, Firmin, Johnson, and Mses. Lewis, Clements, Doiron and Katsiaficas.

Trustees Curtis, Douglas and Beck were absent.

President Lunt convened the meeting at 5:40 p.m.

1. East End Update.

AMaP provided a short presentation on the aeration project.

Gordon Johnson explained the project drivers. The District was trying to replace technology that had reached the end of its useful life. PWD also sought to improve sludge settleability and plant performance. Increased system efficiency and stability were goals as well.

Mr. Johnson then explained the reconfiguration of the tankage to enhance process control. He also explained that the new system delivers much more oxygen, and the energy needed to deliver the oxygen is much less than under the old system.

The blower efficiency is much better. In recognition of that, Efficiency Maine gave PWD a \$203,000 grant to offset the increased cost of the new blowers. The new system can be boosted, allowing for increased amounts of oxygen; if not as much oxygen is needed, it can be cut back, saving energy.

Mr. Johnson pointed out that the project was successful because of the team work between the sewer operations department and the AMaP department. He described the project schedule, and detailed the project delivery process. The process went from point of bidding, to identifying the roles of the various parties, through project delivery. Mr. Johnson also explained the creation of the asset. The process ended with the provision of the Operations manual.

Mr. Crovo noted that the project was on time and under budget. Mr. Firmin noted that in addition, it worked.

Trustee Cote asked how staff will keep up on the maintenance of the equipment. Mr. Firmin responded that PWD will undertake pro-active maintenance to ensure that the system will continue to operate efficiently. PWD will monitor system performance and follow manufacturer's standards regarding maintenance and timely replacement of equipment.

The Trustees then left at 6:01 to tour the equipment at the plant.

3. Other Business

None

4. Adjourn.

Meeting was adjourned at 6:25 p.m. to Committee meetings.

Submitted by,

Donna M. Katsiaficas
Clerk