

**FAIRFAX WATER
INFRASTRUCTURE COMMITTEE**

Minutes of Meeting of September 7, 2023

At 7:12 p.m. on Thursday, September 7, 2023, a meeting of the Infrastructure Committee was held in the Bill G. Evans Boardroom at 8570 Executive Park Avenue, Fairfax. The following were in attendance:

Committee Members (In-Person): Begovich, Day, Dotson

Other Members (In-Person): Allin, Cammarata, Colleton, Griffith, Rubin

Staff (In-Person): Aranda, Atapoor, Coneway, Cotten, Dooley, Goldberg, Hack, Hedges, Hoke, Kingsbury, S. Miller, Nguyen, Oates, Prelewicz

Counsel: John McGranahan, Hunton Andrews Kurth LLP

Approval of Minutes

The Committee approved the minutes of the April 20, 2023, Meeting.

Polar Heights Pressure Improvement Considerations


Mr. Atapoor presented information on existing low pressures for homes near the Poplar Heights Tank and reviewed options for pressure improvement for this area as part of the Poplar Heights Tank replacement project. Options considered included a taller new tank, a new pressure zone pump station built into the base of the new tank, and expansion of the Third High pressure zone. Staff recommended continued development of the Third High Zone Expansion concept as part of the Poplar Heights tank replacement project.

Lead and Copper Rule Compliance - Predictive Modeling Tool

Ms. Goldberg presented information on the use of predictive modeling to support development of Fairfax Water's Lead Service Line Inventory which is required to comply with the EPA Lead and Copper Rule Revisions (LCRR). She noted that predictive modeling approaches provide the highest accuracy at the lowest cost when compared to other service line material investigation methods by using existing service line information and extrapolating to service lines of unknown material. This method avoids the need to excavate all unknown service lines, currently estimated to be at approximately 142,000 locations. A predictive model uses existing data, a limited number of test pits, and statistical analysis to identify service lines that can be categorized as non-lead and those that need further investigation. Ms. Goldberg noted that the award of a task order for the first phase of the predictive modeling effort is included for the Board's consideration at their Meeting this evening and that a second phase task order for required field investigations would be forthcoming at a future Meeting.

Adjournment

There being no further business, the Meeting was adjourned at 7:40 p.m.


Frank Begovich, Chairman