

ENGINEERING COMMITTEE NOTES

March 5, 2019

Attendees:

Committee members: Oscar Gonzales (Chair) and Randall Reed

Staff members: Eduardo Espinoza, Rob Hills, Mike Maestas, Gidti Ludesirishoti, Tuan Truong, and John Roberts

Members of the Public: None.

Call to Order: 5:00 P.M.

Public Comment: None.

Additions/Deletions to Agenda: None.

1. Avana Sewer Reimbursement Agreement

- Staff summarized the Sewer Reimbursement Agreement for Tract 18936, also referred to as the Avana Collection, and background for the agreement type.
- The District's last sewer reimbursement agreement was over 14 years prior; however, this type of agreement is common in the industry. The agreement allows developers to be partially reimbursed for infrastructure that may benefit the service area beyond the bounds of its own property.
- In 2017, Storm Western Development Inc. (Developer) constructed a sewer line from their property to an existing sewer main line. There is opportunity for adjacent properties to connect to the new sewer.
- The agreement requires the District to send any collected funds to the Developer on an annual basis. Legal counsel advised in the preparation of the agreement.
- The committee concurred with staff's recommendation to forward this item to the Finance committee for review.

2. Reservoir 3A Project Update

- Staff provided an update of the Reservoir 3A project and proposed an award of contract for the construction of an additional booster pump at Pump Station 3C-2 to support the replacement of Reservoir 3A. The construction of the new reservoir is expected to start this year and includes a phasing plan to manage distribution impacts when the reservoir is demolished and replaced. In development of the phasing plan, staff identified a contingency project to alleviate the dependency of Zone 3 and 4 on Reservoir 3A. Adding a pump to the Pump Station 3C-2 will increase the boosting capacity from Reservoir 3C-2 to Zone 4, which will allow staff to effectively manage disruptions in storage and distribution during the replacement of Reservoir 3A. The

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additional booster at 3C-2 also has the benefit of meeting the District's operational goal of increasing overall distribution reliability.

The committee concurred with staff's recommendation to forward this item to the Board of Directors for approval.

3. LWMWTP Tour

- Staff provided an update and tour of the construction of the Lloyd W Michael Water Treatment Plant UV Hydraulic Control (CP7647) & Bulk Chemical Storage Tank (CP7747) project. The construction of CP7747 is nearly complete. Chemical tanks, electrical panels, and containment area were installed. Contractor will test the equipment the next couple of weeks and place the tanks in service. The substantial completion for this part of the project is scheduled in March 2019. The construction of CP7647 has been making progress. The installation of the orifice plates downstream of the UV reactors is complete, and the 66-inch piping has been installed and at the time of the tour was being pressure tested. Currently, contractor is installing rebar and formworks for the construction of the concrete weir structure. The substantial completion for the weir structure is scheduled in June 2019.

Meeting Adjourned at 6:05 p.m.