

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
April 4, 2018

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, April 4, 2018 at 8:30 a.m., at the LWD Administration Office located at 1960 La Costa Avenue, Carlsbad, California.

1. Call to Order

Chairperson Juliussen called the meeting to order at 8:30 a.m.

2. Roll Call

DIRECTORS PRESENT: Juliussen and Kulchin

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee; Technical Services Manager Robin Morishita; Field Services Superintendent Jeffery Stecker; Field Services Supervisor Marvin Gonzalez; District Engineer Dexter Wilson; and Natalie Fraschetti from Dexter Wilson Engineering, Inc.

3. Public Comment

None.

4. New Business

None.

5. Information Items

A. Status of the Update of the Asset Management Plan

Ms. Fraschetti presented an update of the revision to the Asset Management Plan (AMP). She explained that the AMP is revised every 5 years, provides a 5-Year & 20-Year Capital Improvement Program and provides recommendations for future asset management approach. Ms. Fraschetti explained the process of reconciling and updating the District's Equivalent Dwelling Unit (EDU) database and Buildout EDU that is being done as part of the AMP revision. She continued that a hydraulic flow model analyses of the District's collection system will be completed before the final AMP is submitted for review and adoption.

B. Update of the Gafner AWT Improvement Project

TSM Morishita presented an update of the Gafner AWT Improvement Project. He stated that Stanek Constructors installed the second secondary effluent pump (P12) after it was rehabilitated by Barrett Pumps. He continued that safety railing and grating were installed for the Influent Well and the Reactor Clarifier. He continued that the new submersible pumps were successfully field tested, however, an additional protective relay is required to be installed to maintain the 5 year warranty on the pumps. TSM Morishita said that the additional proposed circuitry is being evaluated by the project's electrical engineer.

6. Directors' Comments

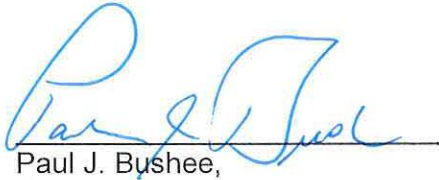
None.

7. General Manager's Comments

GM Bushee informed the EC of the situation with the secondary treatment facilities (Secondaries) at the Encina Water Pollution Control Facility (Encina). He continued that problems with the Secondaries started to occur at the end of February. He stated that, coincidentally, at the end of February the District switched the odor and hydrogen sulfide control chemical used at the Leucadia Pump Station from Bioxide to Ferrous Chloride (Ferrous). GM Bushee explained that the Ferrous has been more effective at reducing the hydrogen sulfide levels and theoretically should not impact Encina's operations. He said that the District will voluntarily switch back to Bioxide in an effort to help determine if the District is impacting Encina's secondary treatment process. He stated that the equipment to temporarily return to using Bioxide to help Encina resolve the Secondaries issue has been delivered to the District and the switch to Bioxide will occur in a few days.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 9:28 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)