

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
February 2, 2017

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Thursday, February 2, 2017 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 Steve Deering; Field Service Technician III Todd Amos; and Field Service Technician II Rick Easton.

3. Public Comment

None.

4. New Business

None.

5. Information Items

A. Tactical Goal Update - Evaluate the Need for a Confined Space Entry Equipment Trailer

FST III Amos presented the results of an evaluation for a Confined Space Entry Equipment Trailer. He stated that the evaluation is a 2017 Tactical Goal. He continued that Field Services staff conducts numerous confined space entries to maintain and operate the District's collection system. FST III Amos indicated that to conduct this task safely requires extensive equipment. He continued that it would be beneficial and efficient to have the equipment stored and transported in a single trailer. FST III Amos said the trailer would be custom made to District specifications and will contain the necessary equipment. He said that as a result of the evaluation staff believes that the trailer is needed for safety and efficiency. FST III Amos concluded that staff will include funds for the trailer purchase in the Fiscal Year 2018 Budget.

The EC tasked staff to procure the trailer and the necessary equipment in the current Fiscal Year. GM Bushee responded the staff will comply and take that task for action.

B. Tactical Goal Update - Evaluate the Need to Replace District Dump Truck with a Multi - Purpose Truck to Tow the ACME (Big Blue) Emergency Pump

FST II Easton presented the results of an evaluation of a vehicle to replace the

District's Dump Truck. He stated that the evaluation is a 2017 Tactical Goal. He continued that the goals were to evaluate replacing the District's dump truck with a heavy duty vehicle to tow Big Blue and to define the capabilities and benefits of the new truck. FST II Easton said that some of the major reasons to replace the dump truck include that it will not meet the new emission standards that go into effect in 2018, it has large blind spots (safety issue), diminished reliability due to age and it has a manual transmission. He said that a comparable replacement vehicle would be a Ford F-750 flatbed truck. FTS II Easton continued that the F-750 truck would be emissions compliant, improve driver's lines of sight for increased safety, have an automatic transmission and improve fuel efficiency and maneuverability. He said that staff will include funds for the purchase of the replacement truck in the Fiscal Year 2018 budget.

C. Impact of the January Storms on the District's Collection System

FSSup Stecker presented flow data collected during the recent storms in January. He stated that he compared the flow data from the same period in January 2016, Wednesday through Tuesday, to the storm period in January 2017. He briefed the EC on the Infiltration and Inflow (I & I) in two specific areas, Old Leucadia and Scott's Valley. FSSup Stecker said that based on the data the I & I in the Old Leucadia area was significant on January 20th.

FSS Gonzalez described the events that happened on January 20th. He stated that three pump stations lost power and the actions taken by the Field Service crew to control the situation. FSS Gonzalez also described a situation he discovered previous to the storm event where a resident in the Old Leucadia area was pumping rain runoff on their property into the collection system. He said that he talked to and warned the resident the discharge was not allowed. FSS Gonzalez said that he checked on that property on January 20th and the resident had stopped discharging into the collection system.

FSSup Stecker finished his presentation by saying that the data shows that the collection system was robust enough to handle the I & I generated by the storm. He continued that staff will be conducting smoke testing of the area to Old Leucadia area, in the future, to locate where the inflow is coming from.

D. Display of the New CCTV Inspection Van

FSSup Stecker invited the EC to survey the new Closed Circuit Television (CCTV) Van. The EC inspected the new CCTV van.

6. Directors' Comments

None.

7. General Manager's Comments

GM Bushee informed the EC that he had authorized the emergency repair of Pump Number 3 at the Leucadia Pump Station. He said that the repairs were estimated at approximately \$26,000, just slightly over his approval threshold. He continued that a new pump would cost approximately \$118,000 and that it was cost effective to repair the pump.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 9:21 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)