

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
March 5, 2014

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, March 5 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; and District Engineer Steve Deering.

3. Public Comment

There was no public comment.

4. New Business

A. Revised Leucadia (L1) Force Main and Batiquitos (B3) Force Main Non-Destructive Testing Project

TSM Morishita presented the item to the Committee for information and discussion. He stated that PICA submitted a cost proposal to Infrastructure Engineering Corporation (IEC) of \$663,325 to complete the L1 and B3 Force Main inspections. The original appropriation requested and approved in August 2013 was \$378,000. TSM Morishita stated that due to the significant cost difference, staff met with IEC to discuss the alternatives. He indicated that based on that discussion, staff has determined that the District should not perform the force main assessments at this time. TSM Morishita went on to explain that this determination was based on the following:

- 1) Redundant Leucadia force mains along La Costa Avenue of which one is relatively new (11 years old) and constructed primarily of high grade PVC;
- 2) Staff does not believe that there is high value in assessing the force main at a cost of over \$660,000;
- 3) Based on the force main profile, the section of force main east of Interstate 5 should be completely full of wastewater thereby reducing the chance of internal corrosion from hydrogen sulfide;
- 4) Staff believes the funds would be better spent repairing the western section of the force main that we know is bad, and returning the pipe to standby status.

TSM Morishita stated that these factors combined with the fact that the estimated cost for the Batiquitos B2 Force Main replacement is higher than originally

anticipated, led to the conclusion that it is best to forgo the SeeSnake assessment at this time. He went on to say that there is some risk associated with not evaluating L1 and B3, but staff believes this risk is manageable given the excellent condition of the L2 Force Main and the pending replacement of B2.

Director Kulchin asked what caused the cost escalation. TSM Morishita answered that the increase can be attributed to the discovery of three valves on L1 that will have to be removed, the addition of a SeeSnake extraction point prior to the railroad bridge at the west end of L1 and the inclusion of cleaning and gauging of the force main prior to inspection.

After discussion, the EC concurred with staff to present this information to the Board at the March 2014 Board meeting.

5. Information Items

A. La Costa Pump Station Rehabilitation Project

TSM Morishita reported that the project's construction is complete. Final refinements and cleanup are being done to the pump station control/alarm system. He noted that it has taken longer than anticipated to obtain the necessary materials.

B. Leucadia Pump Station Generator Replacement Project

TSM Morishita reported that the project's construction is complete and that staff is in the process of closing out the administrative aspects of the contract.

C. Gravity Line Rehabilitation Project

TSM Morishita reported that Sancon has completed all specified project work. He went on to say that Sancon has rehabilitated 5 additional manholes and is in the process of lining 4 additional lines that were found to require rehabilitation by a CCTV inspection after the project was bid. TSM Morishita provided a presentation of a "top hat" installation. Director Juliussen asked how much does a "top hat" installation cost. DE Deering answered that the cost is between \$1,000 and \$1,500.

D. B2 Force Main Replacement Project

TSM Morishita reported that IEC's Environmental Section has started on the required California Environmental Quality Act (CEQA) process.

6. Director's Comments

Director Kulchin stated that he supports the approach of maintaining low rates, as much as possible, while executing the Capital Improvement Program. Director Juliussen said that his top priority is to maintain the system in the most cost effective manner.

7. General Manager's Comments

None.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 9:26 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)