

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
February 10, 2015

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Tuesday, February 10, 2015 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 Supervisor Marvin Gonzalez, Executive Assistant Trisha Hill; District Engineer Steve Deering; Adam Hoch with Hoch Consulting; Kristin Norton with Titan Engineering & Consulting; and Rob Weber with Infrastructure Engineering Corporation

3. Public Comment

None.

4. New Business

None.

5. Information Items

A. Pump Station Electrical Rate Evaluation

TSM Morishita presented the item noting the purpose of the Electrical Rate Evaluation. He introduced Adam Hoch with Hoch Consulting to report the results of his evaluation.

Mr. Hoch provided an energy rate optimization summary for the Batiquitos Pump Station, Leucadia Pump Station and the Encina Effluent Pump Station. His summary included the following for each pump station:

- An overview of San Diego Gas & Electric (SDG&E) rate structure;
- The various SDG&E rates that are available to the District; and
- Recommendations for each pump station and electric cost savings for each pump station.

Mr. Hoch's recommendations included switching to a different rate structure for all three pump stations, adding solar panels at the Batiquitos Pump Station, and installing a dedicated electric meter for the Leucadia Pump Station.

President Juliussen asked if the use of natural gas was considered. GM Bushee answered that natural gas may be an option in the future. However, it was not included in this evaluation. President Juliussen asked about the stability of the various SDG&E rates, could the rates change in the future? Mr. Hoch answered that the current rates have been in place and stable over the past eight years, but it is possible that rate changes could occur in the future.

B. Disaster Preparedness Planning Update

TSM Morishita presented the item noting this item is a FY 2015 tactical goal. He introduced Kristin Norton with Titan Engineering & Consulting to provide an update on the Disaster Preparedness Plan (Plan).

Ms. Norton provided an overview of the Disaster Preparedness Planning; including the Plan's goals, scope of work, vulnerability assessment and mitigation measures. Ms. Norton gave an update of the summary of work completed to date. She provided a brief summary of each hazard identify in the Plan. Ms. Norton said the hazards identified in the Plan included; Earthquakes, Wildfires, Floods, Dam Failure, Coastal Storms, Erosion, Tsunami, and Rain Induced Landslides. She estimated that the Plan will be finalized in March.

President Juliussen asked a few questions during the presentation and Ms. Norton answered his questions. President Juliussen mentioned that federal flood insurance coverage may be available for the Batiquitos Pump Station.

C. B1/B2 Force Mains Replacement Project Update

TSM Morishita presented this item. He provided an overview of the completed work to date. He reported that Burtech Pipeline is required to complete the force main section from the south connection point, approximately 1,150 feet south of Avenida Encinas, to approximately 550 feet south of Ponto Road by February 13th due to the start of the nesting season. He said that Burtech has installed that section of pipeline and is currently completing the finish paving of that section and should make the deadline. TSM Morishita noted that as construction continues north, cement was found under the road and additional work was authorized to remove the concrete ahead of construction in order to prevent project delays. He noted that staff may request that the EC and the Board authorize a change order of approximately \$60,000 in the future. He noted the project is on track for the June 2015 completion date.

D. Leucadia Pump Station Generator Replacement Update

TSM Morishita presented this item. He gave a quick review of the project as a refresher for the Committee. He said the field load testing of the generator to evaluate the alternator capacity was completed by Pacific Technical Electric Services on January 20, 2015. TSM Morishita stated that the results of the test were provided to the District for evaluation on January 27, 2015. Unfortunately, the data provided was incomplete. He said that the missing data was for two pumps operating in the VFD mode. TSM Morishita stated that the additional data was requested from NEWest and received on February 10, 2015. He said that the test results are being evaluated.

6. Directors' Comments

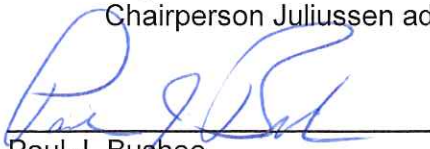
None.

7. General Manager's Comments

None.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 9:42 a.m.


Paul J. Bushee,
Secretary/Manager
(Seal)