

**LEUCADIA WASTEWATER DISTRICT**  
Minutes of an Engineering Committee Meeting  
June 3, 2015

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, June 3, 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 Superintendent Jeffery Stecker; Field Services Supervisor Marvin Gonzalez; Field Services Technician III Gabriel Mendez; District Engineer Steve Deering; and Jamie Fagnant from Infrastructure Engineering Corporation.

**3. Public Comment**

None.

**4. New Business**

- A. Authorize the General Manager to execute a sole source purchase agreement with Rockwell Solutions for the pre-purchase of three new Vaughan Chopper Pumps as part of the Saxony Pump Station Rehabilitation Project in an amount not to exceed \$81,865.

TSM Morishita presented staff's recommendation noting this item is a FY 2015 tactical goal. He said that during project design, Staff requested that IEC consider installing submersible chopper pumps at Saxony to mitigate existing ragging issues. He explained that chopper pumps require a higher horsepower motor than a standard pump for the same capacity and discharge pressure. TSM Morishita said that electrical equipment including the motor control center, automatic transfer switch and emergency generator are sized accordingly. He stated that an increase in motor horsepower would require a corresponding increase in capacity for electrical components. He explained that for this reason, IEC considered horsepower a limiting factor in pump selection and selected pumps that operate with not more than the current rating of a 40 horsepower.

TSM Morishita said that after evaluation of the required pumping capacity for Saxony, IEC recommended that the current submersible pumps be replaced with two Vaughan Chopper Pumps. He stated that there was no other manufacturer identified that offered a comparable chopper pump to satisfy the performance specifications.

TSM Morishita said that Rockwell Solutions provided a quote for two replacement pumps and one spare pump. He continued that the total cost including sales tax and shipping is \$81,864.16. He said that due to the estimated delivery time of 18 weeks, it is prudent to pre-order the pumps prior to bidding the contract and supply the pumps to the contractor as owner provided equipment.

TSM Morishita stated that under Section 11.1, Sole Source Procurement, of the District's Procurement Policy, sole source procurement is allowed in cases where goods and services are obtainable from only one vendor due to unique circumstances. He said that Rockwell

Solutions is the only authorized southern California vendor for Vaughan Chopper Pumps.

After discussion, the EC concurred with staff to recommend that the Board authorize the purchase of the Vaughan Chopper Pumps for Saxony through Rockwell Solutions as a sole source vendor at a total cost of \$81,865.

B. Discuss and provide direction regarding Vactor Combination Truck.

GM Bushee explained that during the May 2015 Special Board meeting, President Juliussen requested that the June Engineering Committee agenda include an item to discuss the Vactor Combination Truck.

Chairman Juliussen acknowledged staff's position to replace the two older Vactors with one new Vactor.

FS Supervisor Gonzalez explained that the District has expended significant funds to maintain the Vactors in the past two years. He also explained that staff will also have the mini-jetter in the near future to use for hydro-cleaning.

Chairman Juliussen then inquired if staff would like to get immediate authorization to purchase the Vactor instead of waiting until the next fiscal year.

GM Bushee responded that the Fiscal Year (FY) 2016 Budget will be considered by the Board for approval this month. He said that once the budget is approved, staff will make the necessary preparations to execute the purchase of the Vactor at the start of FY16. Therefore, a request for an additional appropriation and immediate purchase authorization would not be necessary.

Director Kulchin asked about the District's Vehicle Replacement Policy.

FS Supervisor Gonzalez explained that the threshold for the Vactors is 10 years or 100,000 miles. He said that one Vactor is 17 years old and the other is 13 years old. He continued to explain that after the 10 year point the Vactors are evaluated annually for replacement. FS Supervisor Gonzalez explained that staff performs regular Vactor maintenance on Fridays and that has kept the vehicles in good condition, enabling the District to keep both vehicles beyond the 10 year threshold.

Chairman Juliussen was satisfied with the response and thanked staff for the information provided during the discussion.

**5. Information Items**

A. B1/B2 Force Mains Replacement Project Update

TSM Morishita presented a status update of the B1/B2 Force Main Replacement Project. He provided an overview of the completed work to date. He reported that Burtech Pipeline has installed the CIPP liner in the Lanikai Line and that the bypass has been dismantled. TSM Morishita said that B1 is back in service. He added that the last section of B2 and the B2 manhole was completed. He said that B2 is ready for service.

B. Lanikai Gravity Line Manhole Rehabilitation

FS Superintendent Stecker presented this item. He provided an overview of the process to install Arrow Lock liner in two manholes on the Lanikai Trunk Sewer. He reported that Ayala Engineering first removed the old spray-on liner, patched the cement interior in the manhole, as needed, and installed the Arrow Lock liner.

Chairman Juliussen asked about the use of a spray on liner instead of the Arrow Lock.

FS Superintendent Stecker responded that the liner that was removed was a spray-on liner. He said the liner lasted for approximately ten years. He said the Arrow Lock liner should last at least 40 years.

FS Superintendent Stecker stated that Ayala has completed the manhole repairs.

**6. Directors' Comments**

None.

**7. General Manager's Comments**

GM Bushee mentioned that staff will be giving a facility tour on Friday, June 12<sup>th</sup>, to a young boy and a group of his friends at the request of the boy's parents.

GM Bushee said that the water feature in front of the Headquarters Building will be drained, cleaned and taken out of service due to the drought and to support the new water restrictions.

**8. Adjournment**

Chairperson Juliussen adjourned the meeting at approximately 9:16 a.m.



Paul J. Bushee,  
Secretary/Manager  
(Seal)