

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
April 6, 2016

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, April 6, 2016 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: Technical Services Manager Robin Morishita; Field Services Superintendent Jeffery Stecker; Field Services Supervisor Marvin Gonzalez; Field Services Specialist Ian Riffel; Field Service Technician III Todd Amos; 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 an Agreement with Nu Line Technologies Incorporated for construction services to complete the 2016 Gravity Pipeline Rehabilitation Project in an amount not to exceed \$240,000.

TSM Morishita presented staff's recommendation noting this item is a Fiscal Year 2016 (FY16) tactical goal. He explained that the project consists of the repair of eleven (11) gravity pipeline sections and one (1) manhole identified during staff's Closed Circuit Television (CCTV) inspections. He stated that these items were Rated 3 on the Repair Priority List.

TSM Morishita said that project design was completed in March 2016 and advertised for bids. He continued that bids were due on March 29, 2016. He said that two bids were received. TSM Morishita stated that Insituform Technologies (Insituform) was the apparent low bidder. However, the bid evaluation conducted by Infrastructure Engineering Corporation (IEC) uncovered three bid discrepancies which rendered the Insituform bid nonresponsive. TSM Morishita said that the bid submitted by the second bidder, NU Line Technologies (Nu Line), was evaluated and found to be a responsive bid. Therefore, Staff recommended that the contract be awarded to Nu Line as the lowest responsive and responsible bidder in an amount not to exceed \$240,000.

After discussion, the EC concurred with staff to recommend that the Board authorize executing an Agreement with Nu Line for construction services for the 2016 Gravity Pipeline Rehabilitation Project in an amount not to exceed \$240,000.

B. Adopt Ordinance No. 133 establishing the District's capacity fee and amending the Equivalent Dwelling Unit Factors Capacity Fee Schedule.

FSSpec Riffel presented staff's recommendation noting this item is a FY16 tactical goal. He stated that two events, a legal suit against the Ramona Water District and the Board adoption of Ordinance No. 131 in November 2014 which amended the District's EDU factors, served as the impetus to review the District's EDU factors. He explained that EDU factors are used to calculate capacity and sewer service fees for District customers.

FSSpec Riffel said it is critical that these factors are evaluated to ensure they are established on a well-founded, logical and justifiable basis. He continued that to begin the evaluation staff researched and assessed the methods neighboring and regional agencies use to determine their EDU factors. He stated that as a result staff used wastewater strength and flow to validate the District's current EDU factors. FSSpec Riffel stated that the evaluation confirmed that the District's EDU factors are appropriate and are established on a well-founded, logical and justifiable basis. He said that staff recommends that no changes be made to the existing District EDU factors.

Director Kulchin asked how the EDU factors affect capacity and sewer service fees. FSSpec Riffel answered that the factor is used to determine the actual amount an individual or business is required to pay in capacity and sewer service fees.

FSSpec Riffel explained the recommendation for a minor administrative change to clarify the descriptions for Limited Food Preparation Establishments and All Other Food Establishments.

After discussion, the EC concurred with staff to recommend this item to the Board for adoption at the April 2016 Board meeting.

5. Information Items

A. Network Intrusion Testing Results

TSM Morishita presented this item noting this item is a FY16 tactical goal. He presented the results of the network intrusion test performed by Progent Corporation. He went on to explain the actions DataNet, District's Information Technology Consultants, took to increase the network security level to prevent intrusion as a result of the test.

B. Saxony Pump Station Rehabilitation Project

TSM Morishita presented a status update of the Saxony Pump Station Rehabilitation Project. He stated that the installation of the new submersible pumps and valve vault piping and valves have been completed. He continued that the bypass pumping system has been removed. TSM Morishita stated that three manholes have been rehabilitated. He said that several site work items have been completed to include replacement of the perimeter fencing, generator gate, and pump station entrance gate. He stated that TC Construction will have to replace the new flow meter because the cabling is too short.

C. Evaluation of Solid Material Discovered During Pipeline Hydro-Cleaning

FSTIII Amos presented the topic. He said that recently the Field Services Staff has been finding solid chalk like material during hydro-cleaning of the gravity lines. He continued that the substance is light blue in color. FSTIII Amos passed around a sample of the substance. FSTIII Amos said that the substance was tested at the Encina Wastewater Authority laboratory and TestAmerica Laboratories and was found to be composed of silica, calcium, magnesium and aluminum. He went on to say that collection systems members of SCAP (Southern California Alliance of POTWs (Publicly Owned Treatment Works)) were surveyed to see if other agencies have experienced this situation. He also indicated that the District presented this topic at the March SCAP Collection Systems meeting.

FSTIII Amos indicated that the consensus is that the substance is pool plaster. He stated that Field Service Staff is taking action to mitigate the problem. Actions include, notifying residents when dig alerts are received by the District or when residents submit improvement plans to add a pool and placing a notification on the District's website to inform the public.

Director Kulchin recommended that the presentation be given to the Board at the April meeting.

6. Directors' Comments

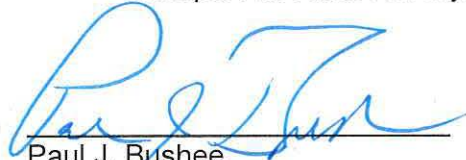
None.

7. General Manager's Comments

None.

8. Adjournment

Chairperson Juliussen adjourned the meeting at approximately 9:45 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)