

LEUCADIA WASTEWATER DISTRICT
Minutes of an Engineering Committee Meeting
April 7, 2021

A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD) was held on Wednesday, April 7, 2021 at 9:00 a.m., via video conference.

1. Call to Order

Chairperson Juliussen called the meeting to order at 9:00 a.m.

2. Roll Call

DIRECTORS PRESENT: Juliussen, Omsted

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 Specialist Ian Riffel; Administrative Specialist Mark Brechbiel; District Engineer Natalie Fraschetti

3. Public Comment

None.

4. New Business

None.

5. Information Items

A. Development Projects Summary

DE Fraschetti began by stating there are three projects of the 15 that have made very minor progress.

President Omsted asked if the NCTD project along North Coast Highway 101 would impact any of the District's sewer lines. FSSpc Riffel answered that there are no impacts.

B. Leucadia Pump Station Rehabilitation Project Update

TSM Morishita presented an update to the Leucadia Pump Station Rehabilitation Project. As a reminder he began by showing an overhead image of the District grounds where the project is taking place. He continued by describing the work taking place in the meter vault. He stated that the side stream lines have been installed for the ECO₂ Super-Oxygenation System.

TSM Morishita continued by showing the FRP (Fiber-Reinforced Plastic) grating platform that is being installed on top of the surge tank line that runs adjacent to the generator. He explained that the grating will allow staff and vendors to walk safely on the south side of the generator and improve access to the generator for maintenance.

TSM Morishita moved to the work taking place in the wet well. He stated that the grease and debris blanket was removed by a Stanek subcontractor. He then displayed images of the FRP stairs, railings and deck grating that was installed in 2006 and noted that

they are still in very good condition. He used photos from the 2006 pump station rehabilitation project to show significant corrosion resistance of the FRP material compared to concrete in the wet well environment.

President Omsted asked how often does staff use the stairs to enter the wet well. FSSup Gonzalez stated that it is very infrequent. FSS Stecker clarified that staff typically enters the wet well once or twice per year.

TSM Morishita went on to describe work that has taken place in the dry well. He stated that the installation of the discharge header is progressing. He continued that the new concrete pedestals have been constructed for the five new pumps. He explained that the installation of the pumps and associated piping has started.

President Omsted asked what percentage of wastewater would be diverted to the ECO₂ Liquid Oxygen system. TSM Morishita stated that approximately 25% of the wastewater would be diverted. However, this would vary based on flow levels.

C. FY20 Gravity Sewer Repair / Quebrada Realignment Project Update

FSSpc Riffel presented an update to the FY20 Gravity Sewer Repair project. He started by providing a background of the project and stated that all underground work on the project has been completed. He continued that all that is left is the final paving of the various areas.

FSSpc Riffel described work that took place on Babilonia Street in Carlsbad where a cleanout was replaced due to major root intrusion. He displayed images of where the street was excavated and a new cast in place manhole was constructed. He indicated that as result of installing the new manhole, a lateral connection required realignment.

President Omsted asked if all projects were taking place in the same general area. GM Bushee and FSSpc Riffel stated that they were spread over different areas within the District. FSSpc Riffel stated that repairs were done at nine locations in Encinitas and eleven in Carlsbad.

6. **Directors' Comments**

Chairperson Juliussen commended DE Frascchetti for all her years of service and hard work.

7. **General Manager's Comments**

GM Bushee provided an update pertaining to COVID-19. He stated that there are no new staff cases and staff is in the process of getting vaccinated.

8. **Adjournment**

Chairperson Juliussen adjourned the meeting at approximately 9:50 a.m.



Paul J. Bushee,
Secretary/Manager
(Seal)