

**LEUCADIA WASTEWATER DISTRICT**  
Minutes of an Engineering Committee Meeting  
July 1, 2024

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A meeting of the Engineering Committee (EC) of Leucadia Wastewater District (LWD or District) was held on Monday, July 1, 2024 at 2:15 p.m., at the LWD Administration Office located at 1960 La Costa Avenue, Carlsbad, California.

**1. Call to Order**

Chairperson Omsted called the meeting to order at 2:17 p.m.

**2. Roll Call**

DIRECTORS PRESENT: Omsted, Pacilio

DIRECTORS ABSENT: None

OTHERS PRESENT: General Manager Paul Bushee; Field Services Supervisor Gabe Mendez; Project Coordinator Ian Riffel; District Engineer Dexter Wilson (via zoom); and Tim Lewis from Water Works Engineers (via zoom)

**3. Public Comment**

None.

**4. FY2025 Gravity Pipeline Rehabilitation Project - Final Design Services**

Authorize the General Manager to execute Task Order No. 8 to the Engineering Design Services Agreement with Water Works Engineers for final design services for the FY2025 Gravity Pipeline Rehabilitation Project in an amount not to exceed \$89,621.

PC Riffel presented the recommendation noting that the FY2025 Gravity Pipeline Rehabilitation Project (FY2025 Project) is a Fiscal Year 2025 tactical goal. He provided background information and stated that the District uses a prioritized list of sewer pipelines and sewer manholes, known as the Repair Priority List, to form annual gravity rehabilitation projects that are grouped together based on the construction method.

The EC asked several questions regarding the project and staff provided responses.

PC Riffel stated that the goal of the FY2025 Project is to repair defects that require open trench construction. He continued that the District has selected (3) sewer pipelines at (2) different locations that require repair. The first defect is located near the intersection of El Camino Real and Encinitas Boulevard, in a utility road behind Discount Tire.

Chairperson Omsted asked what is causing the pipe deformity. Staff answered that they are not sure, but will find out once the repair is excavated. Director Pacilio asked how old the pipe is. Staff answered the pipe was installed in the 1980's.

PC Riffel continued that the second and third defects are consecutive sewer pipelines that are located near the intersection of Piraeus Street and Olympus Street, on Piraeus Street. Staff explained that the defective sewer pipelines have major sags which creates a pipe full of sewer water. In order for the field services team to perform a Closed-Circuit Television (CCTV) inspection, the crew must simultaneously operate the CCTV and Vactor Trucks.

PC Riffel stated that Water Works has submitted a proposal to complete project final design up to the bid phase. He said the Engineer's Estimate is approximately \$703K and that Water Work's

proposed fee is \$89,621 which includes geotechnical investigation and survey services. He noted that the sub-consultant services account for almost half of the design fee. PC Riffel continued that Staff believes the proposal is fair and reasonable given the size and complexity of the project.

Director Pacilio asked for clarification on the geotechnical investigation costs. Staff clarified that these costs are included in the design proposal.

Following discussion, the EC concurred with staff to recommend that the Board of Directors authorize the General Manager to execute Task Order No. 8 to the Engineering Design Services Agreement with Water Works Engineers for final design services for the FY2025 Gravity Pipeline Rehabilitation Project in an amount not to exceed \$89,621.

**5. Information Items**

Staff provided an update for the Batiquitos Pump Station Emergency Basin Lining Project (Project). PC Riffel stated that in March 2024 the Board approved the design contract. Subsequently, Water Works further investigated the concrete defect in the dry well and determined that the defect is worse than originally thought and will require a more detailed evaluation. As a result, this portion of the Project will be removed in order for the emergency basin lining portion to continue final design and meet a construction deadline related to the bird nesting season.

Additionally, PC Riffel mentioned the San Marcos Creek Crossing Diversion Project is currently out for bids. He continued that bids are due July 23<sup>rd</sup>, 2024 and he plans to bring the recommended construction contract to the EC Meeting in August.

**6. Directors' Comments**

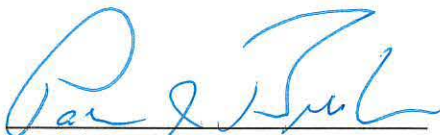
None.

**7. General Manager's Comments**

None.

**8. Adjournment**

Chairperson Omsted adjourned the meeting at approximately 2:54 p.m.



Paul J. Bushee,  
Secretary/Manager  
(Seal)