


AGENDA

**ENGINEERING COMMITTEE MEETING
LEUCADIA WASTEWATER DISTRICT
Tuesday, July 2, 2019 – 9:00 a.m.
1960 La Costa Avenue, Carlsbad, CA 92009**

- 1. Call to Order**
- 2. Roll Call**
- 3. Public Comment**
- 4. New Business**
 - A. Authorize the General Manager to complete emergency repair of the Leucadia Pump Station Surge Tank Line at a cost of approximately \$60,000. (Pages 2 to 3)
- 5. Information Items**
 - A. Securing Manhole Covers in Easement Areas (verbal)
- 6. Directors' Comments**
- 7. General Manager's Comments**
- 8. Adjournment**

MEMORANDUM

Ref: 19-6731

DATE: June 27, 2019
TO: Engineering Committee
FROM: Paul J. Bushee, General Manager 
SUBJECT: Emergency Repair of Leucadia Pump Station Surge Tank Line

RECOMMENDATION:

Staff requests that the Engineering Committee recommend that the Board of Directors:

1. Retroactively authorize the General Manager to execute an agreement with Piperin Corporation (Piperin) for emergency repairs to the Leucadia Pump Station Surge Tank Line at an estimated cost of \$60,000.
2. Discuss and take other action as appropriate.

DISCUSSION:

On June 21, 2019 the pipeline for the Leucadia Pump Station (LPS) surge tank failed. The surge tank functions as a shock absorber to minimize pressure fluctuations that may occur in the force mains whenever the pumps turn on or off. The line that failed is an 18 inch ductile iron pipe that was installed in 2006. All wastewater that escaped from the pipe was contained within the District's site and returned to the collection system. The surge tank line was isolated and LPS was placed back in service. As per LWD policy, staff contracted with Piperin to conduct emergency repairs to the pipeline.

Accordingly, on June 24th Piperin started excavating the site to locate the pipe failure. As a result, several holes were discovered near the bottom of the pipe. Please refer to the attached photo. The failed section was removed on Jun 26th and replaced with a section of polyvinyl chloride (PVC) pipe on June 27th. The repairs were done on a time and material basis with an estimated repair cost of approximately \$60,000 and a projected completion date of July 5th.

Staff will provide an overview of this event at the upcoming meeting.

rym:PJB

Attachment

Photo of Failed Surge Tank Line

