



Agenda Date: 1/15/2020
Agenda Placement: 8A

Napa Sanitation District Board Agenda Letter

TO: Honorable Board of Directors
FROM: Timothy Healy - General Manager
NS-Technical Services/Engineer
REPORT BY: Karl Ono, Associate Engineer - (707) 258-6013
SUBJECT: Receive Presentation from Staff on the 66-inch Trunk Sewer Rehabilitation Project and Provide Direction

RECOMMENDATION

Receive presentation from staff on the 66-inch Trunk Sewer Rehabilitation Project (CIP 19701) and provide direction.

EXECUTIVE SUMMARY

The presentation from staff will provide the Board with an update on the project schedule, current status, cost estimate, and environmental review.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact? No

ENVIRONMENTAL IMPACT

An IS/MND is being prepared under CEQA for this project.

BACKGROUND AND DISCUSSION

The 66-inch trunk sewer conveys over 90 percent of the flow from the collection system to the Soscol Water Recycling Facility (SWRF). The trunk sewer is approximately three miles long and parallels the Napa River from Imola Avenue to the SWRF. Observations from a partial closed-circuit television (CCTV) inspection conducted in 2017 indicated that the pipeline has deteriorated significantly since the previous inspection in 2012. After discovering that the pipeline degradation had accelerated between 2012 and 2017, NapaSan hired GHD to perform a condition assessment via manhole entries and test pits, then hired Woodard & Curran to conduct a full-length CCTV inspection and comprehensive condition assessment in 2018.

The Woodard & Curran condition assessment evaluated the pipe's integrity along the entire alignment. The report states that the southern portion of the alignment (between Kaiser Road and the SWRF) has significant structural degradation and should be rehabilitated as soon as possible. The northern portion of the alignment (between Imola Avenue and Kaiser Road) is in poor condition but the 2018 report estimated that it had 10-15 years of remaining useful life.

SUPPORTING DOCUMENTS

A . Presentation Slides

Napa Sanitation District: Approve

Reviewed By: Timothy Healy