



Agenda Date: 5/20/2020

Agenda Placement: 8C

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: Make Environmental Determination and Approve the Project for the 66-inch Trunk Sewer Rehabilitation Project: Kaiser Road to SWRF (CIP 19701)

RECOMMENDATION

Concur with the recommended mitigations and CEQA determination that by implementing specific mitigation measures the project's impacts would be reduced to a less-than-significant level per Section 15064 (f) of the CEQA Guidelines, approve the project, and adopt resolution for the 66-inch Trunk Sewer Rehabilitation Project: Kaiser Road to SWRF (CIP 19701).

EXECUTIVE SUMMARY

The 66-inch Trunk Sewer Rehabilitation Project: Kaiser Road to SWRF includes rehabilitation of approximately 6,985-linear feet of 66-inch diameter trunk sewer pipeline from Kaiser Road to the Soscol Water Recycling Facility (SWRF). The Project also includes rehabilitation/replacement of the manholes associated with the 66-inch sewer rehabilitation.

To conduct the sewer rehabilitation and manhole replacement work, installation of temporary sewer bypass pipelines are necessary because flow in the existing trunk sewer cannot be diverted within the existing sewer system, and rehabilitation work cannot be conducted in live flow.

Woodard and Curran (W&C) performed an Initial Study / Mitigated Negative Declaration (IS/MND) which was submitted to the State Clearinghouse on March 25, 2020 for a 30-day public review period that ended on April 24, 2020. Staff received a message from the State on April 27th, 2020 acknowledging that the IS/MND is in compliance with the State Clearinghouse review requirements for draft environmental documents pursuant to CEQA.

Excerpts of the Final IS/MND are attached to this report. The complete Final IS/MND will be presented at the

NapaSan Board of Directors meeting on May 20, 2020, and is available for review at NapaSan offices upon request and via the following link: www.napasand.com/66inchtrunk

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact? No

ENVIRONMENTAL IMPACT

W&C performed an initial study and determined that through implementation of specific mitigation measures the project would have impacts at the less-than-significant level as specified in Section 15064 (f) of the CEQA Guidelines. If the Board concurs with this determination, staff will file the Notice of Determination with the Napa County Recorder.

BACKGROUND AND DISCUSSION

The 66-inch trunk sewer conveys over 90 percent of the system's wastewater flow to the SWRF. The trunk sewer is approximately three miles long and parallels the east side of the Napa River, extending from Imola Avenue to the SWRF. The trunk sewer was constructed in the 1960s and consists entirely of reinforced concrete pipe (RCP) without a protective coating.

Routine inspections of the trunk sewer conducted in 2012 and again in 2017 revealed significant concrete deterioration had occurred on the inside of the pipeline during those five years. In response, NapaSan initiated a physical condition assessment evaluation in late 2017, which indicated that portions of the RCP trunk sewer were structurally compromised and had exposed and corroded reinforcement. An additional condition assessment of the entire alignment was performed in early 2019. The 2019 condition assessment concluded with recommendations for a near-term structural rehabilitation project for the portion of the alignment south of Kaiser Road.

SUPPORTING DOCUMENTS

- A . Resolution
- B . IS/MND Section 2.1 - Project Overview
- C . IS/MND Section 4 - Comment Letters
- D . IS/MND Section 5 - Responses to Comments
- E . IS/MND Section 6 - Mitigation Monitoring and Reporting Program
- F . Notice of Determination
- G . State Clearinghouse Acknowledgement
- H . Presentation Slides

Napa Sanitation District: Approve

Reviewed By: Timothy Healy