



Agenda Date: 5/18/2016
Agenda Placement: 7C

Napa Sanitation District Board Agenda Letter

TO: Honorable Board of Directors

FROM: Timothy Healy - General Manager
NS-Technical Services/Engineer

REPORT BY: Matthew Lemmon, Associate Engineer - 707-258-6004

SUBJECT: Approve the Project, concur with CEQA determination, and Authorize the General Manager to Issue Notice Inviting Bids for the Prioritized Rehabilitation Project Phase 1 - South Trunk (CIP 17704)

RECOMMENDATION

Approve the Project, concur with Staff's determination that the Project is categorically exempt, and authorize the General Manager to issue Notice Inviting Bids for the Prioritized Rehabilitation Project Phase 1 - South Trunk (CIP 17704).

EXECUTIVE SUMMARY

The scope of this project is the result of ongoing investigations which have indicated the project area as a contributor to chloride loading.

The general scope of work for this project includes the following:

- | Rehabilitate 10-inch, 15-inch, 18-inch, and/or 24-inch VC sewer main using CIPP (quantity to be determined during ongoing design investigations)
- | Rehabilitate up to 17 sewer manholes
- | Plug area drain connections and leaking pipe stubs connected to the sewer system

A project map is attached.

The current budget for this project is \$400,000. The scope of the project may be reduced to rehabilitate only critical areas and to remain within the project budget. The allowed contract time for substantial completion is expected to be 60 calendar days. In order for the Board to award the construction contract at its July 13th meeting, the project

needs Board approval and authorization to advertise for bids now to meet the short timeline associated with this critical project.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	The project is budgeted in the proposed FY 16/17 Capital Improvement Program.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	This project will rehabilitate sewer mains and manholes in the collection system that have been identified as contributors to chloride loading.
Is the general fund affected?	Yes
Future fiscal impact:	Construction will be completed in FY 16/17.
Consequences if not approved:	Infiltration and inflow containing chloride will continue to enter the collection system.
Additional Information:	

ENVIRONMENTAL IMPACT

Staff performed a preliminary CEQA review of this project and determined the project is Categorical Exempt. This project consists of rehabilitating existing sewer mains and laterals involving negligible expansion of capacity, which corresponds to Categorical Exemption 15302 (c) of the California Environmental Quality Act (CEQA) Guidelines. If the Board concurs with this determination, staff will file the attached Notice of Exemption.

BACKGROUND AND DISCUSSION

The District rehabilitated seven sewer manholes during Spring 2016 that were identified as sources of chloride. Since rehabilitating the initial seven manholes, the District continued an ongoing investigation to identify sources of chloride using CCTV data, laboratory sampling, and data loggers that record electrical conductivity at strategic locations.

Though the investigations identified this project area as a source of chloride, thorough investigations of pipelines and manholes within the project area are not yet complete. Spring rains have made it difficult to identify sources of chloride during April and early May. Staff will continue to investigate sources of chloride within the extents of this project throughout May and June to identify pipelines and manholes that do not need repair.

To construct this project before chloride concentrations are anticipated to peak during the fall, Staff recommends that the Board approve this Project with the knowledge that the scope may be reduced following ongoing investigations in May and June.

Due to the ongoing nature of the investigation and seasonality of chloride concentrations, additional projects will

be created as information becomes available.

SUPPORTING DOCUMENTS

A . Project Map

B . CEQA Notice of Exemption

Napa Sanitation District: Approve

Reviewed By: Timothy Healy