



Agenda Date: 12/1/2021

Agenda Placement: 7E

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: Approve the Project, Concur with CEQA Determination, and Authorize the General Manager to Issue Notice Inviting Bids for the North Napa Siphon Gate Replacement Project (CIP 21718)

RECOMMENDATION

Approve the project, concur with staff's CEQA determination, and authorize the General Manager to issue Notice Inviting Bids for the North Napa Siphon Gate Replacement Project (CIP 21718).

EXECUTIVE SUMMARY

The North Napa Siphon Gate Replacement Project will replace three existing flow control slide gates within the inlet structure of the North Napa Siphon that have reached the end of their useful lives. These components serve an important role for operation and maintenance, allowing each of the three individual siphon pipelines to be isolated for repairs and to increase flow velocities and facilitate self-cleaning.

Notice to proceed is expected to be issued in February 2022 and construction is expected to be complete by October 2022. The majority of construction is scheduled for late summer/early fall 2022 to take advantage of lower flows in the collection system and reduced bypass pumping requirements.

The engineer's estimate for construction is \$330,000.

Plans are available for review at NapaSan's office and will be available at the Board meeting on December 1, 2021.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact? Yes

Is it currently budgeted?	Yes
Where is it budgeted?	The project is budgeted in the FY 2021/22 and the proposed FY 2022/23 CIP budget. There are sufficient budget for this project to cover projected costs.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	The existing assets need to be replaced.
Is the general fund affected?	Yes
Future fiscal impact:	Construction will be completed in FY 2022/23. Unused budget in the current fiscal year will be carried forward into the next fiscal year.
Consequences if not approved:	The North Napa Siphon would continue to operate without the ability to isolate each of the three individual pipelines, resulting in a decreased ability to conduct repairs and increased operation and maintenance costs.
Additional Information:	None.

ENVIRONMENTAL IMPACT

Staff performed a preliminary CEQA review of this project and determined the project is Categorical Exempt. This project consists of replacement or reconstruction of existing systems and/or facilities involving no 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 North Napa Siphon was constructed in 2007 and conveys wastewater flow across the Napa River between Water Street and Third Street, approximately 500 feet east of Soscol Avenue. The inlet structure controls flow between two 30-inch siphons and one 18-inch siphon with wall mounted slide gates. Corrosion of the original aluminum slide gates has made them inoperable, and the original gates have been removed by NapaSan maintenance staff. This project will replace the original slide gates with new corrosion resistant fiberglass reinforced plastic slide gates.

SUPPORTING DOCUMENTS

- A . Project Location Map
- B . CEQA Notice of Exemption

Napa Sanitation District: Approve

Reviewed By: Timothy Healy