



Agenda Date: 12/6/2017
Agenda Placement: 7H

Napa Sanitation District Board Agenda Letter

TO: Honorable Board of Directors

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

REPORT BY: Andrew Damron, Technical Services Director - 707-258-6000

SUBJECT: Approve the Flash Mixer Replacement Project (CIP 18737) and Concur with CEQA Determination

RECOMMENDATION

Approve the Flash Mixer Replacement Project (CIP 18737) and concur with staff's CEQA determination that project is Categorically Exempt.

EXECUTIVE SUMMARY

NapaSan operates two flash mixers in the chlorine contact basin to mix sodium hypochlorite for disinfection. One flash mixer (east channel) was installed in 1998. The second flash mixer (west channel) was installed as part of the recent Phase 1 Recycled Water Expansion Project in 2015. The older mixer in the east channel has failed beyond repair and requires replacement.

The east channel of the chlorine contact basin is required to be able to produce recycled water during treatment of water for river discharge. This happens during dry periods in winter months when a recycled water demand exists from irrigators at the same time as ongoing discharge to the river. Additionally, both mixers (east and west channels) are required to meet peak recycled water demand in the summer. Replacement of the broken flash mixer in the east channel is critical.

FISCAL IMPACT

| | |
|---------------------------|------------------------------------------------------------------------------|
| Is there a Fiscal Impact? | Yes |
| Is it currently budgeted? | Yes |
| Where is it budgeted? | This is an unexpected project and it is not budgeted in the FY 17/18 budget. |

The project is expected to cost approximately \$45,000. The project will be funded by savings from other projects in the FY 17/18 capital budget.

Is it Mandatory or Discretionary? Discretionary

Discretionary Justification: The existing flash mixer for the east channel of the chlorine contact basin has failed, limiting NapaSan's ability to treat wastewater.

Is the general fund affected? Yes

Future fiscal impact: None.

Consequences if not approved: The flash mixer will not be replaced.

Additional Information: None.

ENVIRONMENTAL IMPACT

Staff performed a preliminary CEQA review of this project and determined the project is Categorical Exempt. The project consists of a minor alteration of an existing public facility involving negligible or no expansion of use, which corresponds to Categorical Exemption 15301 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

None.

SUPPORTING DOCUMENTS

A . Notice of Exemption

Napa Sanitation District: Approve

Reviewed By: Timothy Healy