



Agenda Date: 6/7/2017

Agenda Placement: 8D

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: Receive Presentation from Staff on Updates to the Sanitary Sewer and Recycled Water Standards

RECOMMENDATION

Receive presentation from Staff and approve the updates to the Sanitary Sewer and Recycled Water Standards.

EXECUTIVE SUMMARY

NapaSan Code Section 3.02.020 requires "Minimum standards for the design and construction of sewers within the District shall be in accordance with the District Standard Specifications heretofore adopted by the Board, together with the subsequent amendments. Copies are on file at the District Office. The General Manager, may permit modifications or may require higher standards where unusual conditions are encountered."

NapaSan's Standard Specifications for Sanitary Sewer Construction were originally adopted in 1962 and were updated several times between 1962 and 1999. The 1999 did not include any information regarding recycled water improvements. Also, the 1999 version needed revisions to the specifications and details to reflect NapaSan practices for installation of sewer improvements. In 2012 staff prepared a reformatted update to the 1999 standard sanitary sewer specifications and details and drafted new recycled water standard specifications and details. The 2012 updated and new standards were collectively referred to as the Sanitary Sewer and Recycled Water Standards.

In June 2012 the Board adopted the Sanitary Sewer and Recycled Water Standards with an effective date of September 1, 2012.

The Sanitary Sewer and Recycled Water Standards are treated as a living document or work-in-progress. New material options, changes in technology, and new field practices justify periodic changes in NapaSan's standards.

In December 2012 staff made minor revisions to correct typographical errors, fix minor mistakes, make clarifications, and add inadvertent omissions to the published September 2012 edition. The December 2012 version was posted on NapaSan's website and was the active edition until January 2016.

In January 2016 staff updated the specifications with clarifications and to be consistent with field practices. Additionally, updates were made to the standard details.

Staff is currently proposing changes to the specifications and details to address changes in materials and consistency issues between field practice and the written document.

Per NapaSan Code, the Board is required to adopt the Sanitary Sewer and Recycled Water Standards. In June 2012, the Board approved the attached resolution adopting the Sanitary Sewer and Recycled Water Standards. The resolution also grants the District Engineer the authority to make minor revisions to the specifications and requires the District Engineer to report changes to the Board for approval.

The updated Sanitary Sewer and Recycled Water Standards, and previous versions (in track-changes) are available for review in the District's Administrative Office, and will be available at the District Board meeting on June 7.

FISCAL IMPACT

Is there a Fiscal Impact? No

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND AND DISCUSSION

The Sanitary Sewer and Recycled Water Standards govern all design and construction of typical public and private sanitary sewer and recycled water improvements including new construction, modification of existing improvements, and abandonment/removal of existing improvements. The standards are used by civil engineering designers and contractors. In some cases, the standards apply to capital projects. However, they are not intended to cover the design requirements for large diameter transmission lines in the sewer or recycled water system. Project specific designs are required for larger projects.

The current version of the Sanitary Sewer and Recycled Water Standards are available at no charge on the District's website.

SUPPORTING DOCUMENTS

A . Resolution 12-008

B . Presentation Slides

Napa Sanitation District: Approve

Reviewed By: Timothy Healy