

MEMORANDUM

August 5, 2017

TO: MEMBERS, PORT COMMISSION
Hon. Willie Adams, President
Hon. Kimberly Brandon, Vice President
Hon. Leslie Katz
Hon. Doreen Woo Ho

FROM: Elaine Forbes
Executive Director

SUBJECT: Request approval of the Port Sanitary Sewer Management Plan

DIRECTOR'S RECOMMENDATION: Approve Resolution

EXECUTIVE SUMMARY

Port staff manages a wastewater collection system that is subject to a state permit. This permit requires the Port to prepare a sanitary sewer management plan (SSMP) that must be updated and approved by the Port Commission every five years. The Port last updated its SSMP in 2010. In January 2017, the San Francisco Bay Regional Water Quality Control Board (Water Board) issued a notice of violation (NOV) to the Port for failure to certify the SSMP within the required period and other violations of the permit. Port staff has corrected the violations and updated the SSMP to incorporate improvements to the program over recent years.

PORT'S STRATEGIC PLAN OBJECTIVE

The Port's management of the wastewater collection system, the SSMP, and compliance with the state permit implement the following goals of the Port's Strategic Plan:

Sustainability: Limit climate change and employ strong environmental stewardship principles through implementation of Port-wide practices that protect the environment and promote ecological balance.

Resiliency: Lead the City's efforts to address infrastructure and sea wall resiliency to earthquake, sea level rise and natural hazards.

BACKGROUND

On May 2, 2006, the State Water Resources Control Board adopted Statewide General Waste Discharge Requirements for Sanitary Sewer Systems, Water Quality Order No. 2006-0003-DWQ (Order). The Order requires public agencies that own or operate sanitary sewer systems to develop and implement sewer system management plans and report all sanitary sewer overflows (SSOs) to the State Water Board's online SSO database.

On February 20, 2008, the State Water Board Executive Officer issued an Executive Order (WQ 2008-002-EXEC) that revised the requirements of the Monitoring and Reporting Program component of the original Order to improve notification of sewer spills to first responders. On August 6, 2013, the State further amended the Order with the issuance of Executive Order WQ-2013-0058-EXEC to further clarify the objectives and requirements of the State's program to reduce sanitary sewer overflows.

On September 15, 2008, the Port Commission approved a plan and schedule for staff to develop a sanitary sewer management plan. In April 2010, a consultant completed the Port's SSMP and shortly thereafter staff uploaded the plan to the state website.

In 2010, the Port initiated a program to improve the prevention of SSOs through an annual inspection program of the under-pier wastewater system. In 2012, staff developed written inspection protocols that included training materials. The protocols were revised in 2015 and have been incorporated into the most recent SSMP. Port Maintenance staff performs the inspections and makes repairs when there is a likelihood of failure before the next annual inspection. This inspection program has contributed to a reduction in the number of SSOs from a high of eighteen (18) in 2013 to a low of two (2) in 2016.

INSPECTION AND NOTICE OF VIOLATION

On December 8, 2016, the Water Board inspected the Port for compliance with the Order and amendments to the Monitoring and Reporting Plan. On January 30, 2017 the Water Board issued a NOV to the Port. The NOV requires the Port to prepare a completion report to address the following items:

- Prevention of sanitary sewer overflows to the San Francisco Bay
- Improved sanitary sewer overflow reporting
- SSMP update and re-certification by the Port Commission
- Describe methods to update and implement the SSMP
- Describe methods to ensure five year record retention
- Upgrade pump stations to ensure effective response during power outages.

Port staff has updated the SSMP and addressed the additional items to resolve the NOV. Staff will submit the required completion report to the Water Board by August 10, 2017. Port staff remains committed to compliance with the Order and protecting the water quality of the San Francisco Bay.

RECOMMENDATION

Port staff recommends that the Port Commission approve the Sanitary Sewer Management Plan that Port staff prepared and has been posted on the Port's website at <http://sfport.com/sites/default/files/Planning/Docs/SSMP%20-%202017%20FINAL.pdf>

Prepared by: Richard Berman, Utility Specialist
Planning and Environment

For: Diane Oshima, Deputy Director
Planning and Environment

**PORT COMMISSION
CITY & COUNTY OF SAN FRANCISCO**

RESOLUTION NO. 17-35

- WHEREAS, Port manages a wastewater collection system; and
- WHEREAS, the Port's operation of this wastewater collection system is subject to State Water Resources Control Board Waste Discharge Requirements for Sanitary Sewer Systems Order No. 2006-0003-DWQ, WQ 2008-002-EXEC, and WQ-2013-0058-EXEC (Order); and
- WHEREAS, the Order requires Port to prepare a Sanitary Sewer Management Plan (SSMP) that meets the specifications of the Order; and
- WHEREAS, the Order requires Port to present the SSMP for approval to the Port Commission at a public meeting; and
- WHEREAS, the requirements and intent of the Order are consistent with the Port's strategic goals of sustainability and resiliency, therefore be it
- RESOLVED, that the San Francisco Port Commission hereby approves the Sanitary Sewer Management Plan as required by the Order.

I hereby certify that the foregoing resolution was adopted by the San Francisco Port Commission at its August 8, 2017 meeting.

Secretary