Revised May 16, 2016

County of Sonoma
Agenda Item
Summary Report

To:
Boards of Directors: Sonoma County Water Agency, Occidental, Russian River, Sonoma Valley, and South Park County Sanitation Districts

Board Agenda Date: June 14, 2016
Vote Requirement: Majority

Department or Agency Name(s):
Sonoma County Water Agency, Occidental, Russian River, Sonoma Valley, and South Park County Sanitation Districts

Staff Name and Phone Number:
Kevin Booker / 521-1865

Title:
Sewer System Management Plans

Recommended Actions:

a) Adopt Resolution of the Board Of Directors of the Sonoma County Water Agency and the Board of Directors of Sonoma Valley South Park, Russian River and Occidental County Sanitation Districts, approving the implementation of the Sewer System Management Plans for facilities managed by the Sonoma County Water Agency (Airport-Larkfield-Wikiup, Geyserville, Penngrove and Sea Ranch Sanitation Zones), and Sonoma Valley, South Park, Russian River and Occidental County Sanitation Districts in Accordance with State Water Resources Control Board Order No. WQO 2013-0058-Exec; and

b) Authorize the General Manager to periodically update the Sewer System Management Plans as necessary to reflect current regulatory requirements and best practices.

Executive Summary:

The State Water Board circulated a waste discharge requirement (WDR) permit on May 2, 2006 to regulate sanitary sewer systems. This permit is known as State Water Regional Control Board Order No. 2006-0003-DWQ, Statewide General Waste Discharge Requirements for Sanitary Sewer Systems. On July 30, 2013, Attachment A to the Order was circulated and became effective on September 9, 2013 and is known as Attachment A, State Water Regional Control Board Order No. WQ 2013-0058-EXEC, amending the Monitoring and Reporting Program for Statewide General Waste Discharge Requirements for Sanitary Sewer Systems (together these documents constitute the WDR).

Sanitary sewer overflows are overflows from sanitary sewer systems that may be of domestic, industrial and/or commercial wastewater. Sanitary Sewer overflows may cause a public nuisance, particularly when raw untreated wastewater is discharged to areas with high public exposure.
The WDR requires system-specific Sewer System Management Plans to be developed and implemented. The Sewer System Management Plan must include provisions to provide proper and cost effective management, operations, and maintenance of sanitary sewer systems, while taking into consideration risk management and cost benefit analysis. Additionally, the Sewer System Management Plan must contain a spill response plan that establishes standard procedures for immediate response to a Sanitary Sewer Overflow in a manner designed to minimize water quality impacts and potential nuisance conditions.

These plans are designed to create programs that reduces untreated wastewater discharges and ensure effective responses to any discharges that occur. The requirements for a Sewer System Management Plan specifies eleven (11) mandatory elements that must be addressed and that the Sewer System Management Plan is made available to the public.

The goal of the Sewer System Management Plan is to implement a program that works toward:

1. Preventing any Sanitary Sewer Overflow that results in a discharge of untreated or partially treated wastewater to the waters of the United States; and
2. Preventing any Sanitary Sewer Overflow that creates a nuisance (as defined by the California Water Code (Section 13050(m)). This will ensure that:
   a) The sanitary sewer system will be properly managed, operated and maintained to minimize sanitary sewer overflows and their impacts on receiving waters and public health.
   b) When Sanitary Sewer Overflows occur, the corresponding response will be prompt and all feasible steps will be taken to mitigate impact from the overflow, and reporting, recordkeeping and, when appropriate, public notifications will be adequate.

Both the Sonoma County Water Agency and the Sonoma Valley, South Park, Russian River and Occidental County Sanitation Districts’ Sewer System Management Plan and the programs to implement the Sewer System Management Plan must be approved by the Sonoma County Water Agency and Districts’ Boards of Directors to be in compliance with the requirements set forth in the WDR and must be presented to the Sonoma County Water Agency and Districts’ Boards of Directors for approval at a public meeting.

Implementation of the programs include routine operation and maintenance activities, including training and use of the Pipeline Assessment and Certification Program Condition Assessment program to assess sewer lines, development of rehabilitation/replacement plans; development of a protocol for evaluating the impact of Sanitary Sewer Overflows to receiving water, and outreach to residents on the impacts of disposing of fats, oil and grease down the drain.

The Sewer System Management Plans are an opportunity to document and formalize operations and maintenance procedures that were already in place, with the added benefit of establishing a regular auditing schedule in addition to requirements of regular communications with the public on the implementation of the Sanitary Sewer Management Plans.

Sewer System Management Plans must be self-audited at least every two (2) years and updated and approved every five (5) years by the Enrollee’s governing board. The Sewer System Management Plans must be approved by the governing board of the Enrollee at a public meeting and adopted.
Staff recommends the Sonoma County Water Agency and the District Boards approve the Sewer System Management Plans for the Sonoma County Water Agency (Airport-Larkfield-Wikiup, Geyserville, Penngrove, and Sea Ranch Sanitation Zones), and the Sonoma Valley, South Park, Russian River and Occidental County Sanitation Districts in accordance with State Water Resources Control Board Order No. WQ 2013-0058-EXEC; adopt the resolution approving the Sewer System Management Plans and the implementation of the Sewer System Programs managed by the Sonoma County Water Agency (Airport-Larkfield-Wikiup, Geyserville, Penngrove, and Sea Ranch Sanitation Zones), and the Sonoma Valley, South Park, Russian River and Occidental County Sanitation Districts in accordance with State Water Resources Control Board Order No. WQ 2013-0058-EXEC; and authorizing the General Manager to periodically update the Sewer System Management Plans as necessary to reflect current regulatory requirements and best practices.

Prior Board Actions:
None

Strategic Plan Alignment
Goal 3: Invest in the Future

The Sewer System Management Plans will assist in County goal #4, Civic Service and Engagement, through public partnership and participation.

Water Agency Sanitation Goals and Strategies, Goal 1: Meet or exceed environmental regulations and public health standards.

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<th>Fiscal Summary - FY 15-16</th>
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<tr>
<td><strong>Expenditures</strong></td>
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<td>Budgeted Amount</td>
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<td><strong>Total Expenditure</strong></td>
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Narrative Explanation of Fiscal Impacts (If Required):

No fiscal impact with this item.
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<tr>
<th>Position Title (Payroll Classification)</th>
<th>Monthly Salary Range (A – I Step)</th>
<th>Additions (Number)</th>
<th>Deletions (Number)</th>
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**Narrative Explanation of Staffing Impacts (If Required):**

N/A

**Attachments:**

Resolution (R1)

**Related Items “On File” with the Clerk of the Board:**

Sewer System Management Plan