


Agenda Report Reviewed by:
City Manager: 

CITY OF SEBASTOPOL
CITY COUNCIL
AGENDA ITEM

Meeting Date: August 4, 2020
To: Honorable Mayor and City Councilmembers
From: Public Works Superintendent, Dante Del Prete
Subject: Annual Performance Report on Sanitary Sewer System
Recommendation: City Council Receive Report of Annual Performance on Sanitary Sewer System
(No action required)

Funding: Currently Budgeted: _____ Yes _____ No X N/A
Net General Fund Cost: N/A
Amount: \$0

Account Code/Costs authorized in City Approved Budget (if applicable) AK (verified by Administrative Services Department)

INTRODUCTION:

This informational report to City Council is one of the required components of the approved Sewer System Management Plan (SSMP).

BACKGROUND:

In March of 2015, the City Council accepted and certified a revised Sewer System Management Plan for the City of Sebastopol. One element of this plan is an annual review of system performance.

DISCUSSION:

The SSMP consists of eleven elements, one of which is the annual performance report to the City Council. Per the SSMP Element XI, staff is to present annually to the City Council the following for calendar year 2019:

- Number of Sanitary Sewer Overflows (SSOs) in the past year
- Number of SSOs per cause
- SSO rate per year per 100 miles of sewer mains compared to the average for California Region 1
- Portion of sewage recovered compared to total volume spilled
- Collection system performance results

The attachment to this report provides the information described above, except for the SSO rate per year per 100 miles of sewer mains and the comparison to the California Region 1 agencies' average.

During the calendar year 2019, the City had **0 (Zero) SSOs** for the **32.3** miles of sewer mains in Sebastopol, which equates to **0** SSOs per 100 miles of sewer mains. This is below the average for California Region 1 system size comparison, which was **3.31** SSOs per 100 miles of sewer mains.

While the city did not have any sewer overflows for the 2019 calendar year the sewer pump stations continue to require significant additional maintenance due the use of personal sanitary wipes that do not breakdown in water throughout our collection system. This creates a very labor-intensive manual removal process.

PUBLIC COMMENT:

As of the writing of this staff report, the City has not received any public comment. However, staff anticipates receiving public comment from interested parties following the publication and distribution of this staff report. Such comments will be provided to the City Council as supplemental materials before or at the meeting. In addition, public comments may be offered during the public hearing.

PUBLIC NOTICE:

This item was noticed in accordance with the Ralph M. Brown Act and was available for public viewing and review at least 72 hours prior to schedule meeting date.

FISCAL IMPACT:

None

RECOMMENDATION:

Staff recommends that the City Council receive this annual performance report on the City of Sebastopol's sanitary sewer system information. No action is required.

Attachments:

Sanitary Sewer Overflows shown in tables and graph

| Calendar Year | Gravity Sewer SSOs | Pump Station SSOs | Force Main SSOs | Total Volume Spilled (Gallons) | Portion Contained and Returned to Sewers (Gallons) | Total Volume Entering Surface Waters (Gallons) |
|---------------|--------------------|-------------------|-----------------|--------------------------------|--|--|
| 2010 | 3 | 0 | 1 | 143,405 | 1 | 143,404 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2012 | 1 | 0 | 0 | 194 | 100 | 94 |
| 2013 | 3 | 0 | 0 | 527 | 11 | 516 |
| 2014 | 2 | 0 | 0 | 826 | 1 | 825 |
| 2015 | 6 | 0 | 0 | 28,341 | 12 | 28,329 |
| 2016 | 5 | 0 | 0 | 1,310 | 328 | 982 |
| 2017 | 1 | 1 | 0 | 2,039 | 0 | 2,039 |
| 2018 | 4 | 0 | 0 | 1,655 | 271 | 1,384 |
| 2019 | 0 | 0 | 0 | 0 | 0 | 0 |

| CY | Roots | Debris | Grease | Cap./Infil. | Vndl. | Pipe Failure | PS Failure | Force Main Failure | Other | Total |
|--------------|-----------|-----------|----------|-------------|----------|--------------|------------|--------------------|----------|-----------|
| 2010 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 |
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2012 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 2013 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 2014 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 2015 | 2 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 6 |
| 2016 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 2017 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 2 |
| 2018 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 2019 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 11 | 12 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 27 |

