

CITY OF SEBASTOPOL
CITY COUNCIL
STAFF REPORT

Meeting Date: August 7, 2018
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 N/A
Net General Fund Cost: \$0.00

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 2017:

- 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 attachments to this report provide the information described above, with the exception of the SSO rate per year per 100 miles of sewer mains and the comparison to the California Region 1 agencies' average.

The City had 2 SSOs for the 32 miles of sewer mains in Sebastopol, which equates to 6.25 SSOs per 100 miles of sewer mains. This is below the average for California Region 1 system size comparison, which was 6.7 SSOs per 100 miles of sewer mains.

One SSO was identified as root intrusion, and the other was categorized as a pump station communication failure.

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.

ATTACHMENT:

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 (%)	Total Volume Entering Surface Waters (Gallons)
2008	N/A	N/A	N/A	3,210	6	3,000
2009	5	1	0	11,575	78	2,575
2010	3	0	1	143,405	1	142,500
2011	0	0	0	0	0	0
2012	1	0	0	194	100	0
2013	3	0	0	527	11	449
2014	2	0	0	826	1	742
2015	6	0	0	28,341	12	24,579
2016	5	0	0	1,310	328	982
2017	1	1	0	2039	0	2039

CY	Roots	Debris	Grease	Cap./Infil.	Vndl.	Pipe Failure	PS Failure	Force Main Failure	Other	Total
2008	1	1	1	0	0	0	0	0	0	3
2009	3	1	1	0	0	0	1	0	0	6
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
Total	13	12	3	0	0	0	3	1	0	32

