

Agenda Report Reviewed by:
City Manager: 

**CITY OF SEBASTOPOL
CITY COUNCIL
STAFF REPORT**

Meeting Date: November 3, 2015

To: Honorable Mayor and City Councilmembers

From: Public Works Superintendent Richard Emig

Subject: Annual Performance Report on Sanitary Sewer System

Recommendation: City Council Receive and Receipt of Annual Performance Report on Sanitary Sewer System (No other action required)

Funding: Currently Budgeted: Yes No N/A

Net General Fund Cost: \$0

If Cost to Other Fund(s):
Fund:
Amount:

Background:

At the March 17, 2015 City Council meeting, City Staff and Causey Consulting presented the City Council with a revised Sanitary Sewer Master Plan (SSMP), which the City Council accepted and certified in Resolution No. 6031.

Discussion:

The SSMP consists of eleven Elements, some of which contain update and reporting requirements. An annual performance report to the City Council is one of those requirements contained in Element XI: the Monitoring, Measurements, and Program Modifications section.

Per the SSMP Element XI, staff is to present annually to the City Council, the following:

- Number of Sanitary Sewer Overflows (SSOs) in the past year
- Number of SSOs per cause
- SSO rate per 100 miles per year, compared to the average for California Region 2 agencies
- Portion of sewage recovered compared to total volume spilled
- Volume of spilled sewage discharged to surface water
- Collection system performance results

The attachment to this report provides 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 2 agencies average.

The City had 6 SSOs for the 29.6 miles of mains in Sebastopol, which equates to 20 SSOs per 100 miles of sewer mains, above the average for California Region 2 agencies, which was 7 SSOs per 100 miles of mains.

Two of the SSOs the City experienced involved repairs to the sewer mains, which will mitigate future spills at those locations, and one was caused by concrete debris falling in the sewer main from the manhole ring. The remaining spills were caused by general debris. Staff will increase the frequency of the maintenance cleaning on those sewer mains in an attempt to avoid future spills at those locations.

Recommendation:

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

Attachment: Sanitary Sewer Overflows Shown in Tables and Chart

CY	Gravity Sewer SSOs	Pump Station SSOs	Force Main SSOs
2009	2	1	0
2010	3	0	1
2011	0	0	0
2012	1	0	0
2013	3	0	0
2014	2	0	0
2015	6	0	0

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
Total	9	10	2	0	0	1	2	1	0	25

CY	Total Volume Spilled, gallons	Portion Contained and Returned to Sewers, %	Total Volume Entering Surface Waters, gallons
2008	3,210	6	3,000
2009	11,575	78	2,575
2010	143,405	1	142,500
2011	0	0	0
2012	194	100	0
2013	527	11	449
2014	826	1	742
2015	28341	12	24579

Sanitary Sewer Overflows by Calendar Year

