

Agenda Report Reviewed by:
City Manager: 

**CITY OF SEBASTOPOL
CITY COUNCIL
STAFF REPORT**

Meeting Date: December 6, 2016
To: Honorable Mayor and City Councilmembers
From: Public Works Superintendent Richard Emig
Subject: Annual Performance Report on Sanitary Sewer System
Recommendation: City Council Receive Report of Annual Performance on Sanitary Sewer System (No other action required)
Funding: Currently Budgeted: ___ Yes ___ No X N/A
Net General Fund Cost: \$0
If Cost to Other Fund(s):
Fund:
Amount:

Background:

At the March 17, 2015 City Council meeting, staff and Causey Consulting presented the City Council with a revised Sanitary Sewer Master Plan (SSMP), which the City Council accepted and certified. One component of the SSMP is an annual performance report that is to be presented to Council. The City Council received the first annual performance report in November, 2015. Staff is returning at this time with the second annual performance report on the City's sanitary sewer system.

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:

- 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 1 agencies
- Portion of sewage recovered compared to total volume spilled
- Collection system performance results

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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 1 agencies average.

The City had 5 SSOs for the 29.6 miles of mains in Sebastopol, which equates to 16.75 SSOs per 100 miles of sewer mains, above the average for California Region 1 agencies, which was 4.64 SSOs per 100 miles of mains.

Three of the SSOs the City experienced involved root intrusion to the sewer mains, and the other two involved general debris (rags) and grease.

Recommendation:

Staff recommends the 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	5	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
2016	5	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
2016	3	1	1	0	0	0	0	0	0	5
Total	12	12	3	0	0	1	2	1	0	30

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
2016	1310	328	982

Sanitary Sewer Overflows by Calendar Year

