

# City of Calistoga

## Staff Report

**TO:** Honorable Mayor and City Council

**FROM:** Michael Kirn, Public Works Director/City Engineer

**DATE:** December 6, 2016

**SUBJECT:** Cross Connection Control Survey and Notification

APPROVAL FOR FORWARDING:




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Dylan Feik, City Manager

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2 **ISSUE:** Cross Connection Control Survey and Notification Letters.

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4 **RECOMMENDATION:** Receive the report from staff.

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6 **BACKGROUND/DISCUSSION:** The State Water Resources Control Board,  
7 Division of Drinking Water periodically reviews the City public water supply operating  
8 permit and issues operating requirements. One of the requirements issued is a  
9 directive for the City to conduct cross connection control surveys to identify potential  
10 sources of non-City water entering the distribution system – cross connections.

11  
12 Examples of potential cross connections are private wells, elevated storage tanks  
13 and reservoirs, swimming pool and spa pumps, commercial kitchens, recycled water  
14 users, and industrial operations such as bottling plants.

15  
16 There are approximately 914 connections that need to be inspected. Over the past  
17 two years we have contracted with a certified back flow prevention specialist and  
18 have completed approximately 150 inspections (see attached maps) leaving 764  
19 connections to be inspected over the next four years.

20  
21 If a property is determined to have the potential to cross contaminate the public  
22 water system, the property owner is notified of the potential threat and the cause of  
23 the threat. The notice also provides the property owner with the option to eliminate

**Cross Connection Control Survey**

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24 the threat or install a back flow prevention device. Typically we allow the property  
25 owner 45-60 days to remedy the threat. Initial installations costs average \$750 but  
26 are dependent on meter size. Once installed, we require the device to be tested  
27 annually to ensure they are working properly with annual inspections and  
28 certifications running around \$100 - plus any repairs that may be required.

29

30 The purpose of this report is to advise the Council and the public that letters from the  
31 first two phases of inspections will be going out shortly requesting that those  
32 properties that have cross connection threats take the necessary steps to install  
33 back flow prevention devices or demonstrate that the cross connection threat has  
34 been eliminated.

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36 We will also be starting the next round of inspections shortly which will focus on the  
37 area bound by Lake, Lincoln and Washington Streets.

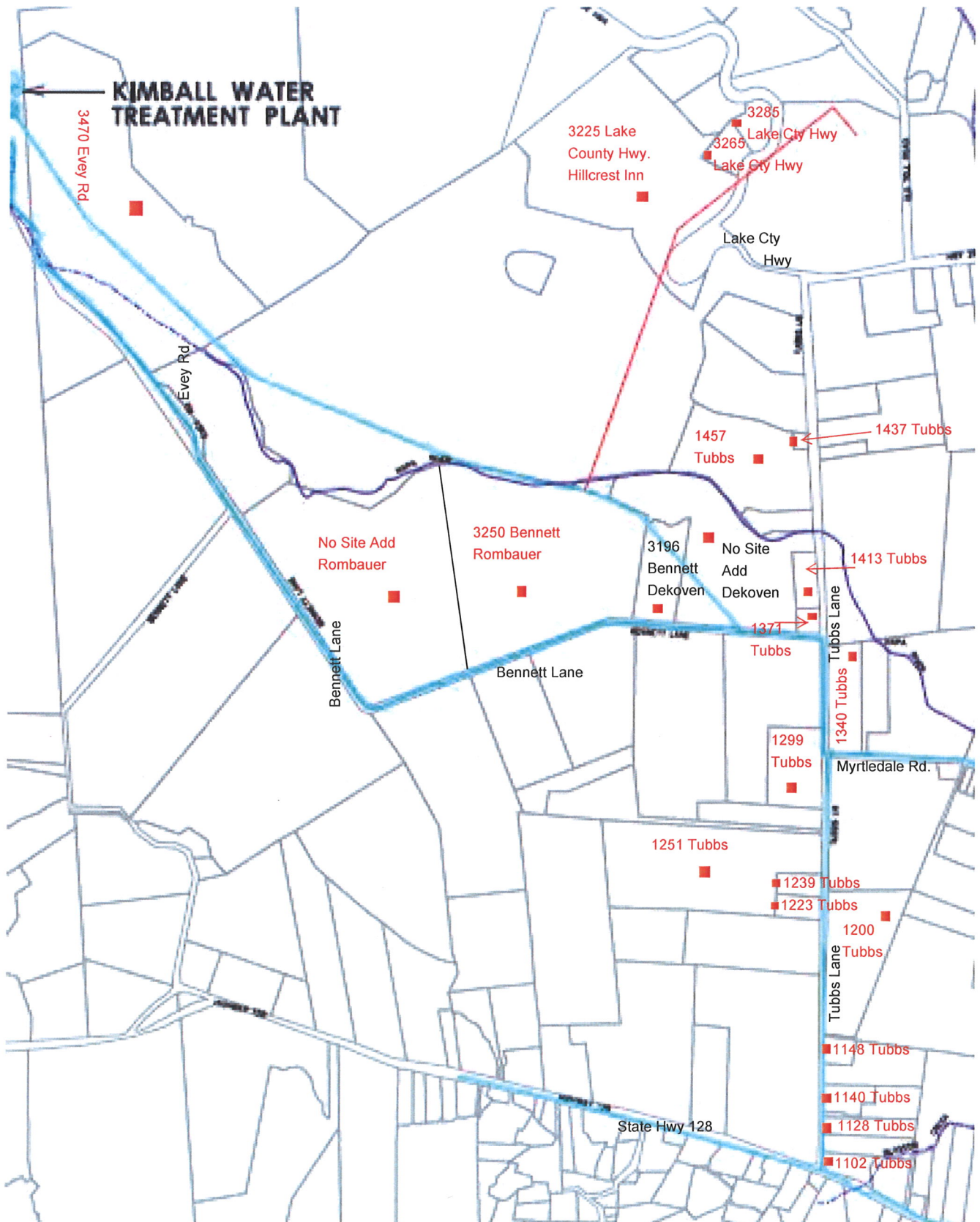
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39 **FISCAL IMPACT:** For FY 16/17 we have budgeted \$20,000 (Account No. 12-  
40 5528-4905) to conduct the next phase of the inspections and over the next four  
41 years we expect to expend an additional \$155,000.

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43 **Attachments:**

44 1. Maps showing areas inspected.



# Calistoga Street Map

CROSS CONNECTION SURVEYS  
PHASE 2

