

# City of Calistoga

## Staff Report

**TO:** Honorable Mayor and City Council Members  
**FROM:** Derek Rayner, Deputy Public Works Director  
**VIA:** Michael Kirn, Public Works Director/City Engineer  
**DATE:** March 6, 2018  
**SUBJECT:** Consideration of a Resolution Authorizing a Consultant Services Agreement with Trussell Technologies, Inc. for an Amount not to exceed \$50,000 for Professional Services related to reducing Disinfection Byproducts (TTHMs/HAA5s) in Calistoga’s Domestic Drinking Water System and Reducing THMs in Wastewater Effluent Discharge, Authorizing the City Manager to Execute the Contract

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**APPROVAL FOR FORWARDING:**



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Dylan Feik, City Manager

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**ISSUE:** Consideration of a Resolution that:

1. Authorizes a Consultant Services Agreement with Trussell Technologies, Inc. for an Amount not to exceed \$50,000, subject to Trussell Technologies, Inc. providing required insurance documents.
2. Authorizes the City Manager to execute the Consultant Services Agreement on behalf of the City of Calistoga.

**RECOMMENDATION:** Adopt the Resolution.

**BACKGROUND / DISCUSSION:** The City’s water system has exceeded California Division of Drinking water maximum contaminant levels (MCLs) for Disinfection Byproducts - Haloacetic Acids (HAA5s) and Total Trihalomethanes (TTHMs). The City is also under a Cease and Desist Order by the San Francisco Regional Water Quality Control Board at our Dunaweal Wastewater Treatment Plant for TTHMs. Staff has implemented many different solutions over the last few years to try to get the City into compliance on both the drinking water and wastewater facilities. Although the efforts

19 have gotten the City closer to compliance the City still occasionally has violations with  
20 both issues throughout the year. In an effort to expedite compliance on both water and  
21 wastewater requirements staff recommends hiring a consultant with expertise in process  
22 treatment to get the City back into compliance as soon as possible. This will also help  
23 improve both the consumer and regulators confidence that the City is doing everything  
24 possible to improve water quality.

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26 Staff issued a request for qualifications (RFQs) on December 14, 2017 and received  
27 three statements of qualifications (SOQs) on January 16, 2018. Staff short listed two of  
28 the three firms after evaluating their qualification submittals and conducted interviews  
29 with Carollo Engineers and Trussell Technologies. After the interviews staff identified  
30 Trussell Technologies as best suited to assist the City in addressing the THM and HAA5  
31 compliance issues.

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33 The scope of work for the project will consist of jar and bench scale testing at both  
34 treatment plants and may include pilot testing alternatives to identify the most cost  
35 effective long term solutions that the City can rely on to bring us into compliance. The  
36 final recommendations will likely consist of both simple process and chemical control  
37 solutions, while others may be larger capital projects that become future recommended  
38 projects.

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40 Staff has reviewed the proposal from Trussell for an amount not to exceed \$50,000 and  
41 recommends that a Consultant Services Agreement be authorized.

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43 **COUNCIL GOALS:** The project conforms to Council Goal 3: Establish, Improve and  
44 Maintain City Infrastructure; Objective 1: Maintain the high level of service and reliability  
45 of the City's infrastructure systems and facilities.

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47 **CEQA REVIEW:** The project involves analysis, testing and recommendations for  
48 process improvements within our existing treatment facilities that will serve the same  
49 purpose at the same site, without increasing capacity. As such the project is exempt from  
50 the provisions of the California Environmental Quality Act pursuant to Title 14, the  
51 California Code of Regulations, Section 15302(c).

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53 **FISCAL IMPACT:** The recommended agreement is for an amount not to exceed  
54 \$50,000. Funds for the recommended agreement are budgeted in FY 2017/18 under the  
55 Wastewater Capital Budget Account No. 13-5534-4915 and Water Capital Budget  
56 Account No. 12-5551-4915 and would be charged \$35,000 and \$15,000 respectively.

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58 **ATTACHMENTS:**

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60 1. Resolution  
61 2. Consultant Services Agreement  
62 3. Trussell Technologies Scope of Work and Budget

**RESOLUTION NO. 2018-XXX****RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALISTOGA, COUNTY OF NAPA, STATE OF CALIFORNIA, AUTHORIZING A CONSULTANT SERVICES AGREEMENT WITH TRUSSEL TECHNOLOGIES, INC. FOR PROFESSIONAL SERVICES RELATED TO CONTROL OF DISINFECTION BY-PRODUCTS IN DRINKING WATER AND WASTEWATER EFFLUENT DISCHARGE FOR AN AMOUNT NOT TO EXCEED \$50,000, AND AUTHORIZING THE CITY MANAGER TO EXECUTE THE CONTRACT**

**WHEREAS**, the City's water system has exceeded California Division of Drinking water maximum contaminant levels (MCLs) for Haloacetic Acids (HAA5s) and Total Trihalomethanes (TTHMs), and the City is also under a Cease and Desist Order by the San Francisco Regional Water Quality Control Board at the Dunawear Wastewater Treatment Plant for Trihalomethanes (THMs), and

**WHEREAS**, although Staff has implemented many different solutions over the last few years to try to get the City into compliance on both the drinking water and wastewater facilities, the City still occasionally has violations with both issues throughout the year; and

**WHEREAS**, in an effort to expedite compliance on both water and wastewater requirements staff recommends hiring a consultant with expertise in process treatment to get the City back into compliance as soon as possible; and

**WHEREAS**, Staff issued a request for qualifications (RFQs) on December 14, 2017 and received three statements of qualifications (SOQs) on January 16, 2018. Staff short listed two of the three firms after evaluating their qualification submittals and requested interviews with Carollo Engineers and Trussell Technologies, Inc. After the interviews staff deliberated and identified Trussell Technologies, Inc. as best suited to complete the project; and

**WHEREAS**, Staff has reviewed the proposal from Trussell Technologies, Inc. in the amount of \$50,000 and recommends that a Consultant Services Agreement be authorized; and

**WHEREAS**, the Project involves analysis, testing and recommendations for process improvements within our existing treatment facilities that will serve the same purpose at the same site, without increasing capacity. As such the project is exempt from the provisions of the California Environmental Quality Act pursuant to Title 14, the California Code of Regulations, Section 15302(c); and

**WHEREAS**, funds are available in the Wastewater Capital Budget Account No. 13-5534-4915 in the amount of \$35,000 and Water Capital Account No. 12-5551-4915 in the amount of \$15,000 to fund the agreement.

**NOW, THEREFORE BE IT RESOLVED** by the City Council of the City of Calistoga as follows:

1. Finds that the Project is Exempt from pursuant to Title 14, the California Code of Regulations, Section 15302(c).

52 2. A Consultant Services Agreement is authorized with Trussell Technologies, Inc.  
53 to provide professional services to support the City of Calistoga with control of  
54 disinfection by-products in the drinking water system and in the wastewater effluent  
55 for an amount not to exceed \$50,000.

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57 3. Finds that the cost of the agreement will be funded as follows: \$35,000 from  
58 Wastewater Capital Account No. 13-5534-4915 and \$15,000 from Water Capital  
59 Account No. 12-5551-4915.

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61 4. The City Manager is hereby authorized to execute the Agreement on behalf of  
62 the City of Calistoga, subject to receipt of required insurance documents from  
63 Trussell Technologies, Inc.

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65 **PASSED, APPROVED, AND ADOPTED** by the City Council of the City of Calistoga  
66 at a regular meeting held this **6<sup>th</sup> day of March 2018**, by the following vote:

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68 **AYES:**  
69 **NOES:**  
70 **ABSTAIN:**  
71 **ABSENT:**

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**CHRIS CANNING, Mayor**

74 **ATTEST:**  
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**KATHY FLAMSON, City Clerk**