

# City of Calistoga

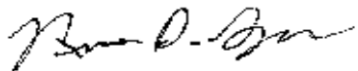
## Staff Report

**TO:** Honorable Mayor and City Council Members  
**FROM:** Derek Rayner, Senior Civil Engineer  
**VIA:** Michael Kirn, Public Works Director/City Engineer  
**DATE:** January 6, 2015  
**SUBJECT:** Continued Declaration of Local Emergency at the Dunaweal Wastewater Treatment Plant Wet Pit Effluent Pumps

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APPROVAL FOR FORWARDING:



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Richard Spitler, City Manager

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1 **RECOMMENDATION:** Adopt a resolution that continues the declaration of a  
2 local emergency due to the failed effluent pumps at the Dunaweal Wastewater  
3 Treatment Plant.

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5 **BACKGROUND:** The two main treated effluent/recycled water pumps have  
6 failed and it is not economically practical to have them rebuilt. These pumps are  
7 critical in our ability to handle peak winter flows at the wastewater treatment plant  
8 and without expeditious replacement the plant is subject to hydraulic overloading  
9 and possible release of partially treated wastewater to the Napa River.

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11 At the September 2, 2014 City Council meeting the City Council adopted  
12 Resolution 2014-73 which included findings that there is a local emergency  
13 pursuant to Sections 20168 and 22050 of the Public Contract Code and  
14 emergency provisions in Chapter 3.34 of the Municipal Code, and authorized  
15 staff to negotiate purchase orders for the purchase and installation of new  
16 Xylem/Flygt effluent pumps, modifications to the sewer utility wet pit, and  
17 appurtenant changes to the electrical motor control center.

18 **DISCUSSION:** The recommended resolution continues the declaration of a local  
19 emergency and staff recommends that the Council adopt a resolution declaring  
20 that the failed effluent pumps at the Dunaweal Wastewater Treatment Plant is a  
21 continuing local emergency. Staff has executed purchase orders for the

22 purchase of the replacement pumps, and demolition and replacement of the  
23 failed equipment.

24 Manufacturing of the control panel continues to be challenging due to the  
25 holidays and was finally delivered to the plant on December 29, 2014. The  
26 contractor will be installing the panel the week of December 29<sup>th</sup> and the  
27 electrical contractor making the pump electrical connections immediately  
28 thereafter. We remain optimistic that completion of panel and pump start-up will  
29 happen by mid-January.

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31 We were able to discharge treated effluent (tertiary and secondary) during the  
32 past rain events in compliance with our permit dilution ratios using a rented  
33 portable pump. This action allowed us to regain significant effluent storage  
34 capacity and operate the plant without bypass discharges - which we were forced  
35 to do last January. As indicated at the September 2, 2014 Council meeting, this  
36 will be a recurring Council action item until new pumps are put into service.

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38 **ENVIRONMENTAL ANALYSIS:** The corrective pump replacement and sewer  
39 utility wet pit modifications are exempt from the California Environmental Quality  
40 Act, pursuant to Section 15269 (b and c) of Title 14, the California Code of  
41 Regulations because the repairs are necessary to prevent or mitigate the state of  
42 emergency that currently exists, and to repair publicly owned sewer facilities to  
43 maintain services that are essential to public health, safety and property.

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45 **CONSISTENCY WITH CITY COUNCIL GOALS AND OBJECTIVES:** This  
46 project is consistent with Goal No. 3, Establish, improve and maintain City  
47 infrastructure; and Objective No. 1, maintain the high level of service and  
48 reliability of the City's infrastructure systems and facilities.

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50 **FISCAL IMPACT:** There is no fiscal impact associated with adoption of the  
51 recommended Resolution. All costs associated with the actual repairs are  
52 budgeted for in the FY 2014-15 CIP budget under project 13-5493, Effluent  
53 disposal improvements.

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55 **ALTERNATIVES:** The City Council could opt not to declare a continued local  
56 state of emergency and direct staff to prepare plans and specifications and bid  
57 the pump replacement, installation and wet pit modifications. Under this  
58 alternative the wet pit and pumping capacity would not be corrected before this  
59 winter creating the potential for the WWTP to become hydraulically overloaded  
60 and release of partially treated wastewater into the Napa River. Staff would either  
61 rent or purchase temporary portable pumps to minimize this potential as best as  
62 possible.

63  
64 **ATTACHMENT:**  
65 1. Resolution

**RESOLUTION 2015- XXX**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALISTOGA,  
COUNTY OF NAPA, STATE OF CALIFORNIA, PROCLAIMING CONTINUED  
EXISTENCE OF A LOCAL EMERGENCY CAUSED BY FAILURE OF THE  
DUNAWAAL WASTEWATER TREATMENT PLANT WET PIT EFFLUENT PUMPS**

**WHEREAS**, a period of local emergency presently exists in the City of Calistoga in accordance with the declaration thereof by the City Council on September 2, 2014 as a result of the existing conditions of extreme peril at the Dunaweal Wastewater Treatment Plant and without immediate corrective action the threat of serious harm to life, health and property will continue; and

**WHEREAS**, Section 22050 of the Public Contracts Code requires that the City Council of the City of Calistoga make a determination, at each subsequent City Council meeting until the emergency condition is terminated, the need for continuing emergency action; and

**WHEREAS**, the City Council of the City of Calistoga has reviewed the need to continue the previously approved emergency action and direction to staff; and

**WHEREAS**, the situation resulting from said conditions of extreme peril is still deemed to be beyond the control of normal protective services, personnel, equipment and facilities of and within said City of Calistoga.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Calistoga, State of California, hereby proclaims the extension of the period of local emergency through January 20, 2015 unless sooner terminated.

**PASSED, APPROVED, AND ADOPTED** by the City Council of the City of Calistoga at its regular meeting held this **6<sup>th</sup> day of January 2015** by the following vote:

- AYES:**
- NOES:**
- ABSTAIN:**
- ABSENT:**

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**CHRIS CANNING, Mayor**

**ATTEST:**

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**KATHY FLAMSON, City Clerk**