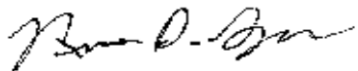


City of Calistoga

Staff Report

TO: Honorable Mayor and City Council Members
FROM: Derek Rayner, Senior Civil Engineer
VIA: Michael Kirn, Public Works Director/City Engineer
DATE: December 2, 2014
SUBJECT: Continued Declaration of Local Emergency at the Dunaweal Wastewater Treatment Plant Wet Pit Effluent Pumps

APPROVAL FOR FORWARDING:



Richard Spitler, City Manager

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.

4
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.

10
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 The contractor has completed all mechanical components of the pump station
25 and is now working on the electrical system. New wires have been pulled from
26 the control building to the pump station and the electrical breakers are scheduled
27 for installation on December 2, 2014. The breaker installation will require that the
28 main electrical panel be de-energized for approximately 4 hours. During this time
29 critical components of the plant will be powered by the back-up generator. A side
30 benefit is that the back-up generator will be run for an extended period of time
31 during non-emergency operations, and will provide a “test-run” to make sure the
32 system is functioning properly. Delivery of the new motor control panel has been
33 delayed and is now expected to arrive December 8th. Completion of the project
34 is expected by the end of December. As indicated at the September 2, 2014
35 Council meeting, this will be a recurring Council action item until new pumps are
36 installed and put into service.

37

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.

44

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.

49

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.

54

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 2014- 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 DUNAWEAR 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 December 16, 2014 unless sooner terminated.

PASSED, APPROVED, AND ADOPTED by the City Council of the City of Calistoga at its regular meeting held this **2nd day of December 2014** by the following vote:

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

CHRIS CANNING, Mayor

ATTEST:

KATHY FLAMSON, City Clerk