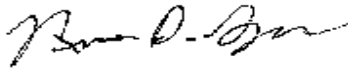


City of Calistoga

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 16, 2014
SUBJECT: Continued Declaration of Local Emergency at the Dunaweal Wastewater Treatment Plant Wet Pit Effluent Pumps

APPROVAL FOR FORWARDING:



Richard D. 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 Due to the rains the first week of December we had to cancel the electrical shut-
25 down to install the electrical breakers. The breaker installation will require that
26 the main electrical panel be de-energized for approximately 4 hours. During this
27 time critical components of the plant will be powered by the back-up generator.
28 With the anticipated rains we will need to schedule this shut down to minimize
29 impacts in our ability to discharge to the River.

30
31 The original control panel was not able to be manufactured as quickly as we
32 hoped by the initial contractor and their deliver date shifted to the end of the
33 December. This is not acceptable and we canceled that order. We are now
34 working with Telstar (the company that maintains our remote control systems) to
35 build the panel. We expect the panel to be delivered next week with an
36 estimated completion of early to mid-January. As indicated at the September 2,
37 2014 Council meeting, this will be a recurring Council action item until new
38 pumps are installed and put into service.

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

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

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

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

65

66

ATTACHMENT:

67

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 DUNAWAEL 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 6, 2015 unless sooner terminated.

PASSED, APPROVED, AND ADOPTED by the City Council of the City of Calistoga at its regular meeting held this **16th day of December 2014** by the following vote:

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

CHRIS CANNING, Mayor

ATTEST:

KATHY FLAMSON, City Clerk