

# 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:** May 15, 2018  
**SUBJECT:** Consideration of a Resolution Authorizing Purchase of Pumps and Other Materials to Repair the Recycle Water Irrigation Pump Station on Lower Washington Street and Approving a Budget Adjustment in the Amount of \$55,000.

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APPROVAL FOR FORWARDING:




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Dylan Feik, City Manager

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1 **ISSUE:** Consideration of a Resolution authorizing the purchase of pumps and  
2 other materials to repair the Recycle Water Irrigation Pump Station on Lower  
3 Washington Street and approving a budget adjustment in the amount of \$55,000.  
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5 **RECOMMENDATION:** Adopt the Resolution.  
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7 **BACKGROUND/DISCUSSION:** The City of Calistoga owns a recycle water  
8 irrigation pump station on Lower Washington Street that pumps recycled water to  
9 Town and to irrigation spray fields. The pump that sends water to Town is over  
10 15 years old and has reached the end of its useful life and does not provide  
11 sufficient pressure to effectively deliver water to our largest user – the golf  
12 course. There are two pumps that deliver recycled water to the Fox Spray Field  
13 – one of which has failed.  
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15 The main distribution pumps are located in a concrete wet well adjacent to the  
16 recycled water storage ponds. The wet well is covered by a flat concrete lid  
17 which is spalling, cracking and the rebar has become exposed. The concrete lid  
18 needs to be replaced along with plumbing to connect to the recommended  
19 replacement pumps. The final item that needs to be addressed is upgrading the  
20 motor control panels to support the more efficient variable frequency drive  
21 pumps.  
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Consideration of a Resolution Authorizing Purchase of Pumps and Materials for the Recycle Water Irrigation Pump Station Improvements on Lower Washington Street  
May 15, 2018



Photo 1 – Existing Irrigation Pump Station

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Photo 2 – Failing Flat Top Lid

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Design of the project is being completed in house to save costs. The estimated costs for material for the project are as follows:

No.	Item	Cost
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1	Pumps	\$50,000
2	Electrical	\$90,000
3	Plumbing	\$32,000
4	Concrete Lid	\$5,300
5	Parts & Misc	\$2,700

Grand Total = \$180,000

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There is \$125,000 in the FY 17/18 Budget under CIP Recycled Water Pump and Installation, Account No. 13-5565-4915, leaving a delta of \$55,000 to purchase the pumps and materials. The installation of the pumps, plumbing and electrical work will be completed in FY 18/19 under separate Council authorization.

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The recommended resolution authorizes staff to purchase two new VFD pumps, plumbing and electrical materials from funds currently budgeted in FY 17/18 Wastewater Capital and approves a budget adjustment in the amount of \$55,000 from Wastewater Connection Fees to fund the Capital project.

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

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**ENVIRONMENTAL REVIEW:** The project meets the criteria for exemption from the California Environmental Quality Act (CEQA) under Section 15301 (Class 1 - Existing Facilities) of the CEQA Guidelines.

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**FISCAL IMPACT:** Funds are available in FY 17/18 budget account 13-5556-4915 (Wastewater Capital) in the amount of \$125,000. A budget adjustment in the amount of \$55,000 from Wastewater Connection Fees to the Capital Improvement Project is needed to fund the recommended purchases.

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**ATTACHMENTS:**

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1. Resolution

**RESOLUTION 2018 - XXX**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CALISTOGA, COUNTY OF NAPA, STATE OF CALIFORNIA, AUTHORIZING PURCHASE OF PUMPS AND OTHER MATERIALS TO REPAIR THE RECYCLE IRRIGATION PUMP STATION ON LOWER WASHINGTON STREET AND APPROVING A BUDGET ADJUSTMENT IN THE AMOUNT OF \$55,000**

**WHEREAS**, the City owns a recycled irrigation pump station on Lower Washington that pumps recycled water to Town and to the Fox Spray Field on Lower Washington; and

**WHEREAS**, the pump that sends recycled water to town was installed in 2003 during the Wastewater Treatment Plant Upgrade Project and in recent years it has been declining in its pumping capability and efficiency sending less water, under lower pressure, to Town and has reached the end of its useful life and one of the irrigation spray field pumps has failed; and

**WHEREAS**, the concrete wet well lid is failing and needs to be replaced for safety purposes, in addition to plumbing and control panels to support the replacement pumps; and

**WHEREAS**, the staff has completed design of the pump station upgrades "in-house" to reduce overall project costs and recommends the purchase of the replacement pumps and materials (the Project) this fiscal year, with construction/installation next fiscal year; and

**WHEREAS** the Project meets the criteria for exemption from the California Environmental Quality Act (CEQA) under Section 15301 (Class 1 - Existing Facilities) of the CEQA Guidelines;

**WHEREAS**, the estimated cost for the Project is \$180,000 which exceeds current appropriations by \$55,000, requiring a Budget Adjustment derived from Wastewater Connection Fees in the same amount to fund the total cost of the Project under Account No. 13-5556-4915.

**NOW THEREFORE BE IT RESOLVED** by the City Council of the City of Calistoga hereby authorizes the following:

1. Purchase of two replacement pumps, plumbing and electrical controls for repair of the Recycle Irrigation Pump Station on Lower Washington Street.
2. Finds that the Project is exempt from the California Environmental Quality Act (CEQA) under Section 15301 (Class 1 - Existing Facilities) of the CEQA Guidelines.
3. Approves a budget adjustment in the amount of \$55,000 derived from the Wastewater Connection Fees to fund the Project under CIP - Recycled Water Pump & Installation, Account No. 13-5556-4915.
4. Authorizes the City Manager or the Public Works Director to sign the necessary Purchase Orders and budget adjustment for the Project.

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50 **PASSED, APPROVED, AND ADOPTED** by the City Council of the City of Calistoga at a  
51 regular meeting held this **15th day of May 2018**, by the following vote:  
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53 **AYES:**  
54 **NOES:**  
55 **ABSTAIN:**  
56 **ABSENT:**  
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60 **CHRIS CANNING, Mayor**

61 **ATTEST:**

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**KATHY FLAMSON, City Clerk**