

**COUNCIL ACTION FORM**

**SUBJECT: WATER POLLUTION CONTROL FACILITY RAW WATER PUMP  
STATION ELBOW REPLACEMENT**

**BACKGROUND:**

The Water Pollution Control Facility (WPCF) was constructed in 1989. The piping in the facility is original to the 1989 construction. On September 4, 2014 a 30" elbow pipe sprung a leak due to age and wear on the pipe. An emergency repair was made, but staff became concerned about the integrity of two other elbows in the process piping.

A project was added in the first year of the CIP to have the two 30" elbows replaced. Staff has prepared plans and specifications for the replacement two elbows. The estimated cost for this project is as follows:

Elbow Pipes	\$13,900	Included in operating budget, to be included in bid
Elbow Pipe Installation	\$57,400	Included in CIP, to be included in bid
Pump Rental	\$ 8,000	Included in CIP, direct City cost
Contingency, 15%	\$10,700	

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Total Replacement Cost \$90,000

The estimated cost of the project included in the specifications is \$82,000. The pump rental costs will be paid directly by the City. The FY 2015/16 WPC CIP includes \$74,000 for the elbow replacement project and the current operating budget includes \$16,000 to buy the elbows.

**ALTERNATIVES:**

1. Issue preliminary approval of plans and specifications for the replacement of the WPCF Raw Water Pump Station elbows and issue a notice to bidders setting May 14, 2015, as the bid due date and May 26, 2015, as the date of public hearing.
2. Do not issue preliminary approval of plans and specifications and a notice to bidders at this time.

**MANAGER'S RECOMMENDED ACTION:**

The WPCF's Raw Water Pump Station is critical for the operation of the WPCF. Elbows

of this size are not always readily available. Another pipe failure could shut down the plant and could result in environmental harm. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative 1, thereby issuing preliminary approval of plans and specifications for the replacement of the WPCF Raw Water Pump Station elbows and issue a notice to bidders setting May 14, 2015, as the bid due date and May 26, 2015, as the date of public hearing.