

COUNCIL ACTION FORM

**SUBJECT: WATER POLLUTION CONTROL FACILITY TRICKLING FILTER
PUMPING STATION CHECK VALVE REPLACEMENT**

BACKGROUND:

The Water Pollution Control Facility (WPCF) was constructed in 1989. The pump check valves in place at the Trickling Filter Pumping Station (TFPS) are original to the 1989 construction. The check valves on the TFPS's four process pumps have reached the end of their useful life and are beginning to fail. The check valves are needed to ensure that process flows are conveyed to the next step of the treatment process without short circuiting through pumps that are not running.

Staff has prepared plans and specifications for the replacement of four check valves. The estimated cost for this project is as follows:

Check Valve Replacement	\$62,000
Contingency, 15%	\$ 9,300
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Total Valve Cost	\$71,300

The FY 14/15 Capital Improvements Plan includes \$73,000 for this check valve replacement project.

ALTERNATIVES:

1. Issue preliminary approval of plans and specifications for the replacement of the WPC Trickling Filter Pumping Station pump check valves and issue a notice to bidders setting November 26, 2014 as the bid due date and December 9, 2014 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:

These pump check valves are critical for the operation of the WPCF, and failing to address these issues now could result in significant failures in the future that could result in environmental harm.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative 1 as described above.