



Memo

TO: Mayor Manier and City Council
FROM: Ed Andrews, Public Works Director
DATE: December 28, 2017
SUBJECT: STP#2 UV Bulb Replacement

EXECUTIVE SUMMARY:

STP#2 was expanded in 2009 and as part of that expansion Trojan UV was selected as the exclusive provider of disinfection equipment. The UV treatment was put in service in early 2011 and the bulbs used in the disinfection of the plant effluent have a life expectancy of 12,000 hours at 100% power, however the bulbs rarely see this power requirement unless the plant is experiencing peak flow or if there is an equipment failure. After approximately 26,280 hours of use the bulbs are ready for replacement.

Staff has budgeted \$15,000 for replacement of the UV bulbs in this budget year and Trojan UV has quoted replacement of the bulbs at \$10,695.60 and the wiper seals at \$909.00 plus shipping for a total of \$11,774.12.

It is staff's recommendation to purchase these bulbs in the amount of \$11,774.12. Installation of these bulbs will be by plant personnel.

This matter has been placed on the City Council consent agenda of Tuesday, January 2nd, 2018 or review and approval.

cc: File