



## CITY OF WASHINGTON, ILLINOIS

### City Council Agenda Communication

**Meeting Date:** Monday March 20<sup>th</sup>, 2023

**Prepared By:** Brian Rittenhouse – Public Works Director

**Agenda Item:** WWTP UV Bulbs Purchase Authorization.

**Explanation:** The Wastewater Treatment Plant's Disinfection Season is from May to October. The UV System consist of 2 Banks, A and B, and each bank has 36 UV Bulbs, 72 total. The UV Banks are on a 5-year replacement schedule to get the maximum life while maintaining a Safe Disinfection Process. In FY 21/22 Bank A was due to be replaced. Staff decided to try UV Doctor which sold generic UV Bulbs for our system at 1/3 the cost. UV Doctor Bulbs gave Staff nothing but problems. UV Doctor issued a refund and Staff had to purchase Bank A Bulbs in this FY 22/23. Funds for Bank B were used to purchase of Bank A. It would be beneficial to still purchase UV Bulbs for Bank B in this FY to stay on schedule.

**Fiscal Impact:** \$17,458.46 for 36 UV Bulbs and Maintenance Kit.

**Staff Recommendation:** Staff would recommend purchasing Bank B's Bulbs now, FY22-23, and getting them installed before the May 1<sup>st</sup> to stay on schedule and to help ensure proper disinfection of wastewater come May. Committee was in support of ordering the bulbs now.

**Action Requested:** Approve Purchase Authorization to order the UV Bulbs from Trojan Technologies for \$17,458.46 as part of the Consent Agenda.