



CITY OF WASHINGTON, ILLINOIS
Committee of the Whole Agenda Communication

Meeting Date: Monday March 13th, 2023

Prepared By: Brian Rittenhouse – Public Works Director

Agenda Item: WWTP UV Bulbs Purchase Discussion

Explanation: The wastewater treatment plant’s disinfection season is from May to October. The UV system consists 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 for 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 kits.

Staff’s Recommendation: Staff would recommend purchasing bank B’s bulbs now, FY 22-23, and getting them installed before the May 1st to stay on schedule and to help ensure proper disinfection of wastewater come May.

Action Requested: Committee discussion and direction.