

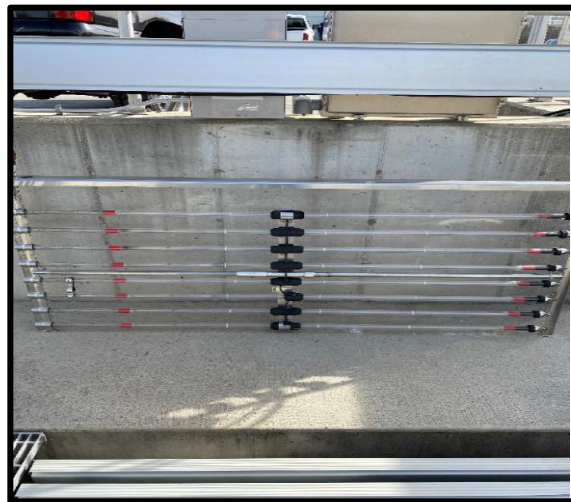
## Capital Improvement Plan Projects 2022 – 2026

<b>Project Name:</b> UV Lights	<b>Department:</b> Public Works - Utilities
<b>Type of Project:</b> Replacement	<b>Contact:</b> Bob Lemley
<b>Total Project Cost:</b> \$57,424.47	

### Description:

The Waste Water Treatment Plant uses ultra-violet (UV) disinfection as a final process to eliminate coliform bacteria before discharging the effluent into the Little Platte River. These UV bulbs need to be replaced at a regular interval to maintain their effectiveness. Staff does a great maintaining the bulbs and cleaning them every season to extend the useful life. There are 64 bulbs and wipers and other miscellaneous parts to replace. These bulbs have been in service since 2007.

The budget included \$40,000 in 2022 for the replacement. There is sufficient funding in the combined Water and Wastewater Fund for this expenditure. The reason for the price being over the estimated budget is due to a computer upgrade, and there is only one provider for the specific UV bulbs.



### Justification:

This replacement project is mandated by the State of Missouri and Environmental Protection Agency (EPA). This is a one phase project and is considered preventive maintenance.

### Planned Expenditures

Phase	FY 2022
Est. Installation Cost	\$40,000
Actual Installation Cost	\$57,424.47

### Funding Sources

Fund	FY 2022
FY22 Budget CWWS	\$40,000
Actual CWWS	\$57,424.47

### Progress of this Project (**Current Phase**)



Updated 3/2/22