

## Capital Improvement Projects 2023-2027

<b>Project Name:</b> Water Plant Improvements	<b>Department:</b> Public Works - Utilities
<b>Type of Project:</b> Capacity	<b>Contact:</b> Bob Lemley
<b>Total Project Cost:</b> <b>\$1,000,000</b>	

### Description:

The proposed water treatment plant improvements will keep the 2.5 million gallons per day (MGD) plant operating and improve plant efficiencies. Highlighted items for this improvement include, remove and land apply lagoon residuals, rehab/paint primary and secondary basins, replace filter valve pneumatic actuator, and replace volumetric feeder.

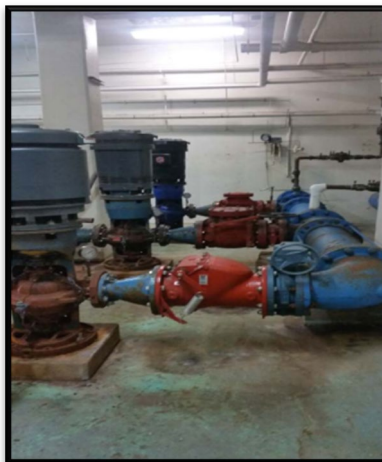
#### Primary Settling Basin



#### Second Rapid Mixing Basin



#### High Service Pumps



**Justification:**

This project is necessary to maintain the production capacity and meet State Drinking water standards. The project has been submitted for ARPA funding from Missouri Department of Natural Resources through Resolution 1080 approved by the Board of Aldermen.

**Impact on Operating Costs**

There will be ongoing operating costs for the Water Plant. These improvements are the start for the future Water Plant expansion.

**Planned Expenditures**

Phase	FY 2023
Engineering	TBD
Construction	TBD
Total	\$1,000,000

**Funding Sources**

Fund	FY 2023
CWWS Fund	\$1,000,000
Total	\$1,000,000

**Updated:** August 16, 2022