CAPITAL IMPROVEMENT PLAN

CIP WATER TREATMENT PLANT PROJECTS

Total: $30,785,000.00

Electrical Upgrades

Includes Phases 1 & 2 along with SCADA and instrumentation upgrades.

This project will update obsolete systems, increase resiliency, and provide enhanced cybersecurity at the plant.

$9,084,000.00

Sedimentation Basin Rehabilitations

Restores critical water clarification equipment, improving the efficiency of early treatment processes. This project will enhance CBU's ability to remove organic and inorganic materials from the raw water drawn from Lake Monroe, helping to address seasonal taste and odor issues.

$8,332,000.00

Chemical Building Improvements and Feed Line Replacement

Addresses treatment reliability and staff safety along with restoring a safe and sustainable fluoride delivery system.

$6,011,000.00

High-Service Pump Rebuilds & Variable Frequency Drives

High Service pump rebuilds will provide redundancy and increase resiliency in the treatment process.The addition of variable frequency drives will help prevent service interruptions by preventing wear on the pipes at the plant and throughout our system.

$4,620,000.00

CIP WATER TREATMENT PLANT PROJECTS

Total: *(cont.)*
$30,785,000.00

Miscellaneous Maintenance Projects

Completion of an asset management system that will allow for improved maintenance assessment and replacement practices, improving longevity of critical equipment at the plant.

$1,300,000.00

Treatment Plant Water Handling & Delivery Updates

Addition of air quality monitoring to improve worker safety, maintenance to address leaks in the pipe gallery, and replacement of a backwash header valve actuator. This will also provide funds for IDEM required tank inspections and maintenance.

$772,000.00

Bypass Pumping Improvements

This resiliency project will establish a contingency for lake withdrawals should the main intake tower suffer a mechanical failure, ensuring continued water production.

$524,000.00

Residuals Projects

Backwash pump replacement will improve efficiency and consistency of filter cleaning at the Monroe Plant, helping to maintain water quality and reliable treatment capacity.

$142,000.00

CIP DISTRIBUTION SYSTEM MAINTENANCE

Total: $34,470,000.00

Booster Station and Storage Tank Rehabilitations and Upgrades

Upgrades to Booster stations and tanks will help to ensure consistent water pressure and flow throughout the system. Addition of emergency generators will improve preparedness and reliability during natural disasters, electrical grid issues, or other emergencies.

$14,620,000.00

Water Main Projects, Maintenance, Testing, and Replacement

Replacing aging water mains and servicing valves proactively is more cost-effective than emergency repairs, leads to fewer service disruptions for our ratepayers, and is safer for our crews. Hydrant maintenance and testing ensures water is available when it's needed most by emergency personnel.

$19,850,000.00

CIP WINSTON THOMAS SERVICE CENTER

Total Water Funding: $18,750,000.00

CBU has outgrown the current facility in regards to personnel, equipment, and adequate inventory storage. A purpose-built service center improves logistics for field crews, allowing faster deployment and better emergency response. It also allows for stronger protection of capital assets, such as specialized service vehicles, which are currently being stored in the elements. Building a service center that meets the utility's needs moving forward is an investment that will save resources over time. By investing now, CBU is setting up for operational excellence, fiscal responsibility, and community resilience.