



**The City of
OKLAHOMA CITY**
UTILITIES DEPARTMENT

September 14, 2021

Project Title: Deer Creek Wastewater Treatment Plant Electrical Improvements

Project Location: Deer Creek Wastewater Treatment Plant (WWTP)

Project Number: ST-0161

Estimated Project Cost: \$10,000,000

Project Description: This project will upgrade the electrical infrastructure at the Deer Creek Wastewater Treatment Plant (WWTP) to ensure that permit compliance will be maintained and systems and reliable and safe operation of processes.

Background: Constructed in the 1980s, the Deer Creek WWTP serves northwest Oklahoma City with a rated capacity of 15 million gallons per day. The existing electrical infrastructure is primarily from the original plan construction. A recent study (WY-0002/SY-0003) evaluated the electrical infrastructure and developed an immediate and near-term improvements plan.

Project Intent: This project will upgrade the electrical systems for the Deer Creek WWTP to current industry standards so that staff and operators can safely and efficiently operate treatment processes to ensure permit compliance. The Engineer will utilize the recent electrical study that identified the need for electrical improvements and operator knowledge to finalize and design the necessary electrical improvements. The improvements will generally consist of replacing outdated electrical equipment and electrical ductbanks while maintaining the facility's operation in compliance with discharge permit requirements. The Engineer will provide preliminary engineering, final design, bidding, construction administration, construction inspection, and as-built services for the improvements.