

**Approving a contract with Trojan
Technologies for Ultraviolet Disinfection
Equipment for the Wilbarger Creek Regional
Wastewater Treatment Facility**



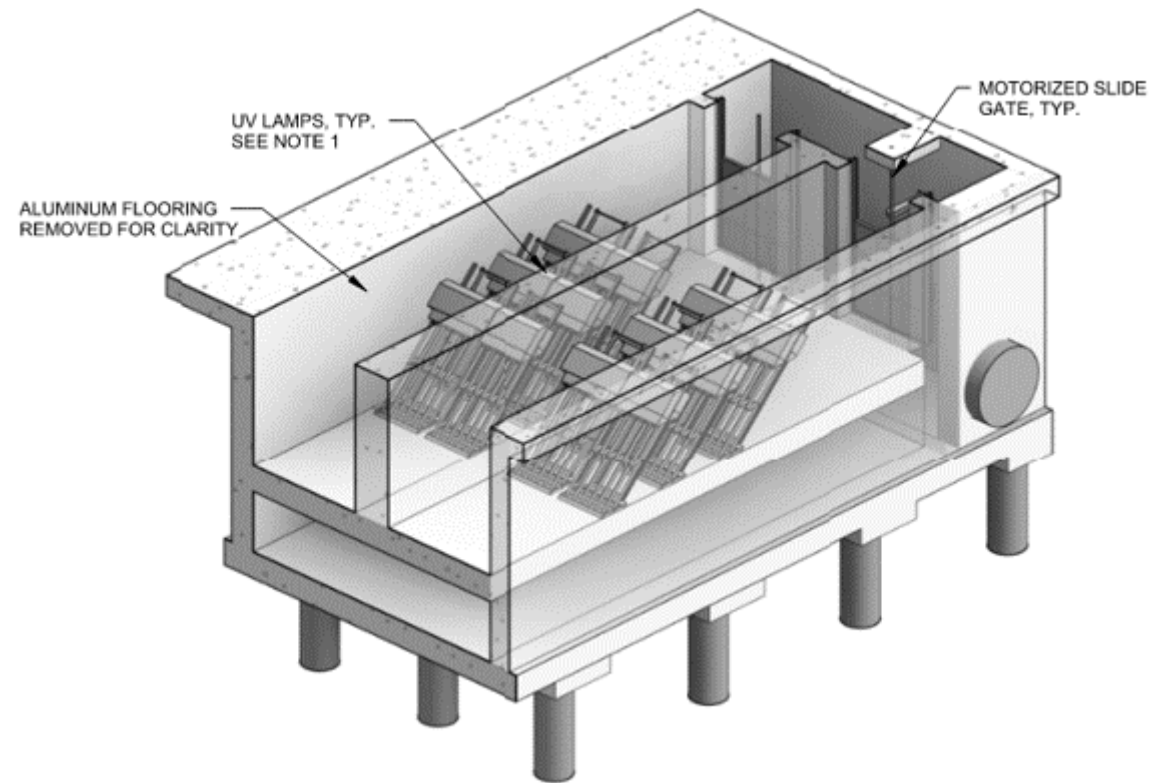
Wilbarger Creek Regional Wastewater Treatment Facility

- 6 Million Gallon per Day (MGD) average daily flow/ 24 MGD peak flow
- Optimize site buildout for future expansions
- Addresses rapid growth in the Wilbarger and Cottonwood Basins
- Relieves flows to the Central Wastewater Treatment Plant
- Competitive Sealed Proposal (CSP) procurement method approved in July



Ultraviolet (UV) Disinfection Equipment Summary

- Complete UV Disinfection system:
 - UV bulbs and modules
 - Electric panels and drivers
 - Automated controls to vary dose (bulb intensity) according to flow
 - Automatic cleaning system
 - Hydraulic lift system for maintenance
- Meets TCEQ Chapter 217 requirements for redundancy and dosing



Supplier Selection Process

Competitive Sealed Proposals (CSP)

- The CSP was published on 7/20/2022. The selection criteria includes consideration items for:
 - Phase 1 and Phase 2 Capital & Operation and Maintenance Cost
 - Phase 1 and Phase 2 UV System Hydraulics
 - Facility Sizing
 - Interviews
 - Previous Experience.
- Two CSP responses were received on 8/4/2022
- Trojan Technologies was determined to be the best value to the City



Recommended Action

Approve a contract with Trojan Technologies for Ultraviolet Disinfection Equipment for the Wilbarger Creek Regional Wastewater Treatment Facility Project

