



**Project Fact Sheet**  
**WTP2: Electrical Modifications and Improvements**  
**PN 5-C-028-20**  
**WTP2: Chemical Feed Modifications**  
**PN 5-C-026-20**  
**April 2, 2024**

**Project Manager:** Nate Baldwin / Aaron Wasko

**Description:** This project will install a secondary power utility feed to the plant that provides redundancy in the case of a utility outage. Additionally, a medium voltage loop around the plant site will provide redundant feeds to each of the critical systems at the plant. Finally, this project will include the replacement of aging chemical lines and various chemical feed improvements recommended in the 2015 Facility Plan.

**Justification:** The utility and standby power systems at WTP2 and associated collector wells are inefficient in providing reliable power. Since WTP2 was originally constructed in the 1960's, the facilities, including utilities and standby power, have been added and expanded over multiple projects. The result of these expansions has yielded electrical systems which are complex and counterintuitive. The capacity of the electrical system and its respective arrangement is not suitable for the City to grow its production capabilities. There are also various chemical feed improvements recommended in the 2015 Facility Plan that have not been completed.

<b>Schedule:</b>	<b>Item</b>	<b>Date</b>
Design:	RFQ	05/21/2019
	Professional Service Agreement	09/17/2019
	Supplemental Agreement No. 1	03/16/2021
	Supplemental Agreement No. 2	06/20/2023
Construction:	Bid Award	06/20/2023
	Completion	Spring 2026 – Estimate
<b>Council Actions:</b>	<b>Date</b>	<b>Amount</b>
Approved in CIP	2023-2027	\$19,039,000
Professional Services Agreement	09/17/2019	\$ 107,910
Project Authorization	03/17/2020	\$35,050,423
Report on Electrical Study	04/20/2021	N/A
Supplemental Agreement No. 1	03/16/2021	\$ 1,220,027
Supplemental Agreement No. 2	06/20/2023	\$ 1,036,179
Accept Bid/Award Contract	06/20/2023	\$14,150,000
Evoqua Contract	04/02/2024	\$172,217
Evergy Agreement		
<b>Funding Sources:</b>	<b>Amount</b>	<b>CIP Year</b>
Revenue Bonds	\$17,375,000	2021-2024
<u>Water &amp; Sewer Fund</u>	<u>\$ 1,664,000</u>	2021-2024

<b>Total</b>	<b>\$19,039,000</b>	
<b>Expenditures:</b>	<b>Budget</b>	<b>Amount to Date</b>
Design	\$ 1,330,000	\$1,220,027
Utilities	\$ 225,000	\$ 0
Construction	\$14,375,000	\$1,442,169
Inspection	\$ 1,040,000	\$ 255,805
Staff	\$ 255,000	\$ 103,732
<u>Contingency</u>	<u>\$ 1,814,000</u>	<u>\$ 0</u>
<b>Total</b>	<b>\$19,039,000</b>	<b>\$3,021,733</b>