



**Project Fact Sheet**  
**Super Critical Water Oxidation Pilot**  
**PN 1-C-019-25**  
**June 16, 2026**

**Project Manager:** Nate Baldwin / Sabrina Parker

**Description:** This project will pilot a Super Critical Water Oxidation (SCWO) unit that will destroy poly- and perfluoro alkylated compounds (PFAS) that have become an increasing concern amongst the public and regulatory agencies. On January 14, 2025, the EPA released the Draft Sewage Sludge Risk Assessment for PFAS compounds which outlines potential risks to human health and the environment from PFAS present in biosolids.

**Justification:** This project is needed to pilot a technology that destroys PFAS compounds from Cedar Creek biosolids. If the pilot is successful, the SCWO unit could be upscaled to be an economical solution for solids handling in advance of the closure of the landfill our Cedar Creek solids are currently sent to as well as protecting the plant from potential future regulations.

**Comments:** This project has been awarded \$5,777,000 in Kansas State Revolving Funds (100% loan forgiveness) through the Kansas Water Pollution Control Revolving Loan Program.

<b>Schedule:</b>	<b>Item</b>	<b>Date</b>
Design:	RFQ	09/13/2024
	Consultant Selection	04/01/2024
Construction Manager:	RFQ	10/18/2024
	CMAR Selection	04/01/2025
Construction	GMP #1	10/21/2025
	GMP #2	Fall 2026 - Estimate
	Completion	Winter 2027 - Estimate
<b>Council Actions:</b>		
	<b>Date</b>	<b>Amount</b>
Approved in CIP	2025-2029	\$ 5,658,000
Project Authorization	01/21/2025	\$193,905,150
Resolution for SRF Application	02/04/2025	\$ 4,568,000
Professional Services Agreement	04/01/2025	\$ 2,635,459
CMAR Agreement	04/01/2025	\$ 40,000
Project Re-Authorization	10/21/2025	\$ 8,864,429
Accept Bid/Award Contract – GMP#1	10/21/2025	\$ 6,188,970
Project Re-Authorization	06/16/2026	\$ 8,881,429
SRF Loan Amendment	06/16/2026	\$ 1,209,000
Accept Bid/Award Contract – GMP#2		
<b>Funding Sources:</b>		
	<b>Amount</b>	<b>CIP Year</b>
State Revolving Fund	\$5,777,000	2025/2026

Revenue Bonds	\$2,154,000	2025/2026
Water and Sewer Fund	\$ 950,429	2024/2025
<b>Expenditures:</b>	<b>Budget</b>	<b>Amount to Date</b>
Construction	\$6,245,970	\$ 482,161
Design	\$2,635,459	\$ 2,426,658
<b>Total</b>	<b>\$8,881,429</b>	<b>\$ 2,908,819</b>