KCWATER

ORDINANCE NO. 250846

High Rate Treatment: Blue River Wastewater Treatment Plant

Authorizing a $2,350,000.00 design professional services contract with Carollo Engineers, Inc., for the High Rate Treatment: Blue River Wastewater Treatment Plant (WWTP) Project; and recognizing this ordinance as having an accelerated effective date.

October 14, 2025

Transportation, Infrastructure & Operations Committee

ORDINANCE NO. 250846

Project Site Map:

Work will be performed at the Blue River Wastewater Treatment Plant primary treatment site, located at 7300 Hawthorne Road, Kansas City, Jackson County, Missouri.

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This design professional services contract is a continuation of the Blue River Wastewater Treatment Plant Facility Plan and Improvements design Contract No. 1677 that included provisions for three contract years (base year plus two follow-on years).

Scope Summary

- Conceptual design of a high-rate treatment facility at the Blue River Wastewater Treatment Plant primary treatment site to treat wet-weather combined sewer flows.
- Provide regulatory support for the City's Federal Consent Decree and with the Missouri Department of Natural Resources.
- Provide owner's advisory services during procurement of a design-build construction contract for construction of the high-rate treatment facility.
- State Revolving Fund (SRF) loan application assistance.

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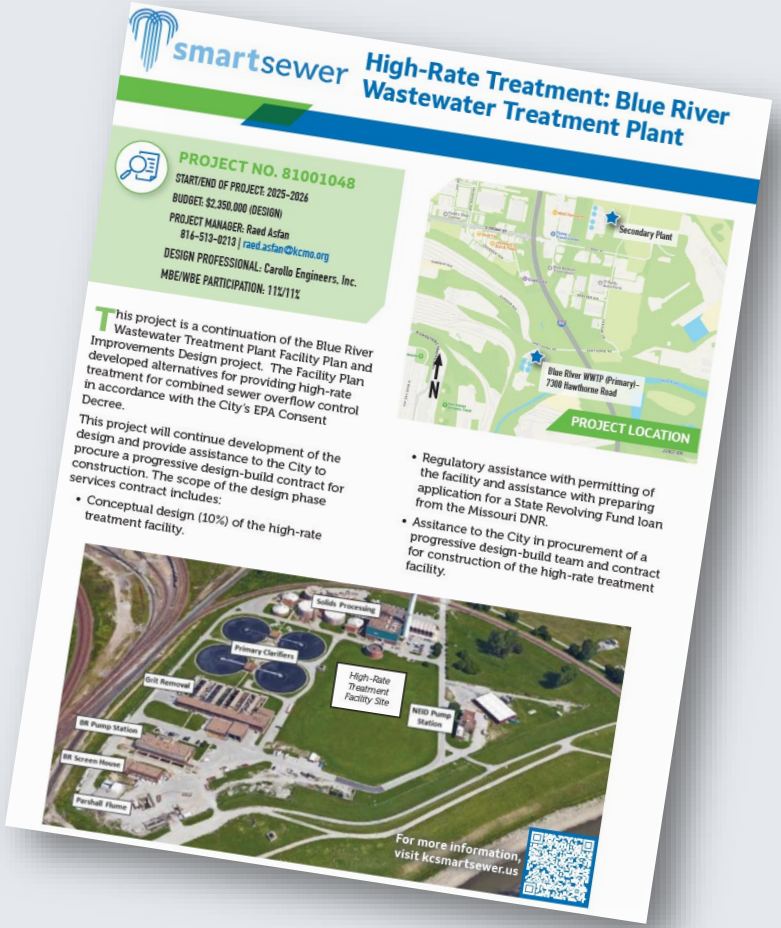
PUBLIC ENGAGEMENT

Public information sheet posted: http://www.kcsmartsewer.us/projects/high-rate-treatment-blue-river-wastewater-treatment-plant

This project area is in a neighborhood that is primarily industrial and will be entirely within the boundaries of the existing wastewater treatment plant which is surrounded by City-owned parcels and parcels belonging to the Missouri Pacific Railroad.



smartsewer

High-Rate Treatment: Blue River Wastewater Treatment Plant

PROJECT NO. 81001048

START/END OF PROJECT: 2025–2026

BUDGET: $2,350,000 (DESIGN)

PROJECT MANAGER: Raed Asfan

816-513-0213 | raed.asfan@kcmo.org

DESIGN PROFESSIONAL: Carollo Engineers, Inc.

MBE/WBE PARTICIPATION: 11%/11%

This project is a continuation of the Blue River Wastewater Treatment Plant Facility Plan and Improvements Design project. The Facility Plan developed alternatives for providing high-rate treatment for combined sewer overflow control in accordance with the City's EPA Consent Decree.

This project will continue development of the design and provide assistance to the City to procure a progressive design-build contract for construction. The scope of the design phase services contract includes:

- Conceptual design (10%) of the high-rate treatment facility.
- Regulatory assistance with permitting of the facility and assistance with preparing application for a State Revolving Fund loan from the Missouri DNR.
- Assitance to the City in procurement of a progressive design-build team and contract for construction of the high-rate treatment facility.

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M/WBE Subcontractor Participation

CREO KC approved subcontracting participation on September 11, 2025, with 11% MBE and 11% WBE participation.

MBE Firms	WBE Firm
Taliaferro & Browne, Inc.	TREKK Design Group, LLC
TSI Geotechnical, Inc.	Environmental Advisors & Engineers, Inc.
Custom Engineering, Inc.	KMB Engineering, LLC
Parson & Associates, LLC	McCurdy Engineers

THANK YOU