KCWATER

ORDINANCE NO. 250524

Regulatory Compliance and Capital Improvements Planning Optimization, Amendment No. 1

Authorizing a $900,000.00 Design Professional Services Amendment No. 1 to Contract No. 1704 with Burns and McDonnell Engineering Company Inc., for the Regulatory Compliance and Capital Improvement Planning Optimization project for a total contract amount of $5,500,000.00; and recognizing this ordinance as having an accelerated effective date.

July 15, 2025

Transportation, Infrastructure & Operations Committee

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- Continue services for technical and financial analyses to complete the Integrated Management Plan (IMP) and to support consent decree modifications

- Hydraulic modeling services to verify:
  - Performance of completed overflow control projects
  - Achievement of Consent Decree performance criteria for the 2024 interim milestone
  - Projection of system performance at future 2030 and 2035 interim milestones
  - Collection system performance assessment with future service area expansion opportunities
  - Impacts of wholesale customer wet weather flows on City's collection system capacity

Regulatory Compliance and CIP Optimization

- Dynamic Smart Sewer Program with Affordability Challenges & Wet Weather Overflow Control Optimization Opportunities
- New regulations (P, PFAS/PFOS, Lead & Copper, etc.)
- Use of Consent Decree Financial Safeguard

- **Integrated Planning** is KC Water's approach to achieving regulatory compliance across Water, Wastewater, and Stormwater utilities

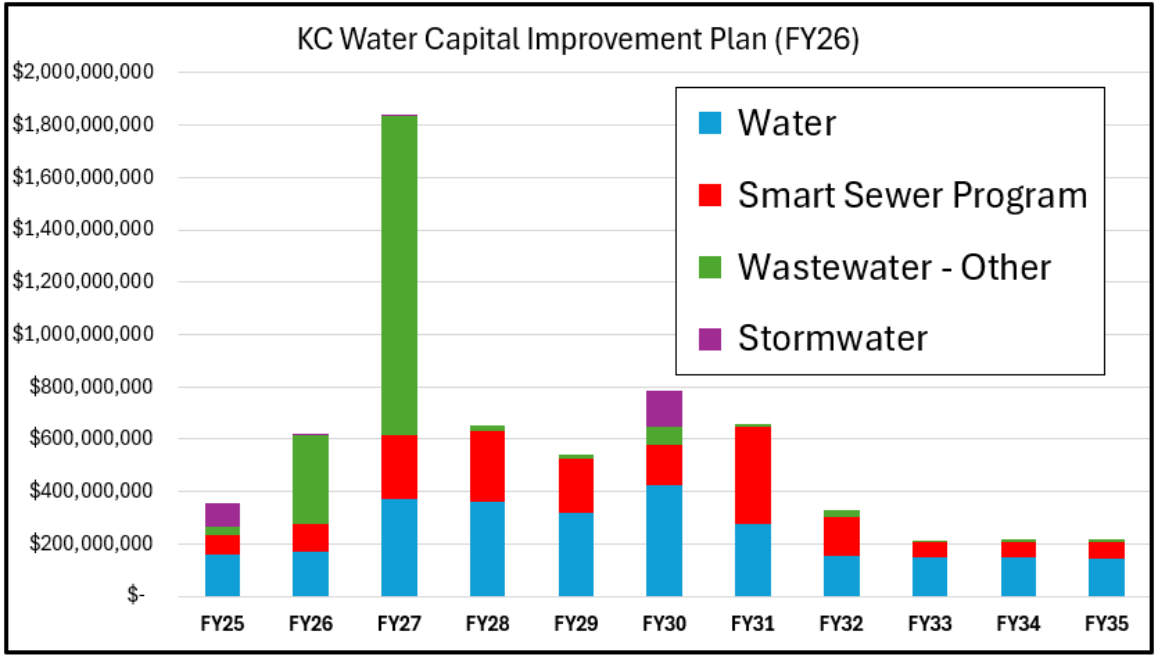
- Support 4th Consent Decree Modification

What is Integrated Planning?

- **EPA's definition:** A process that identifies efficiencies from separate wastewater and stormwater programs to best prioritize capital investments and achieve a community's human health and water quality objectives.
- **Compliance with State and Federal Regulations is a requirement.**

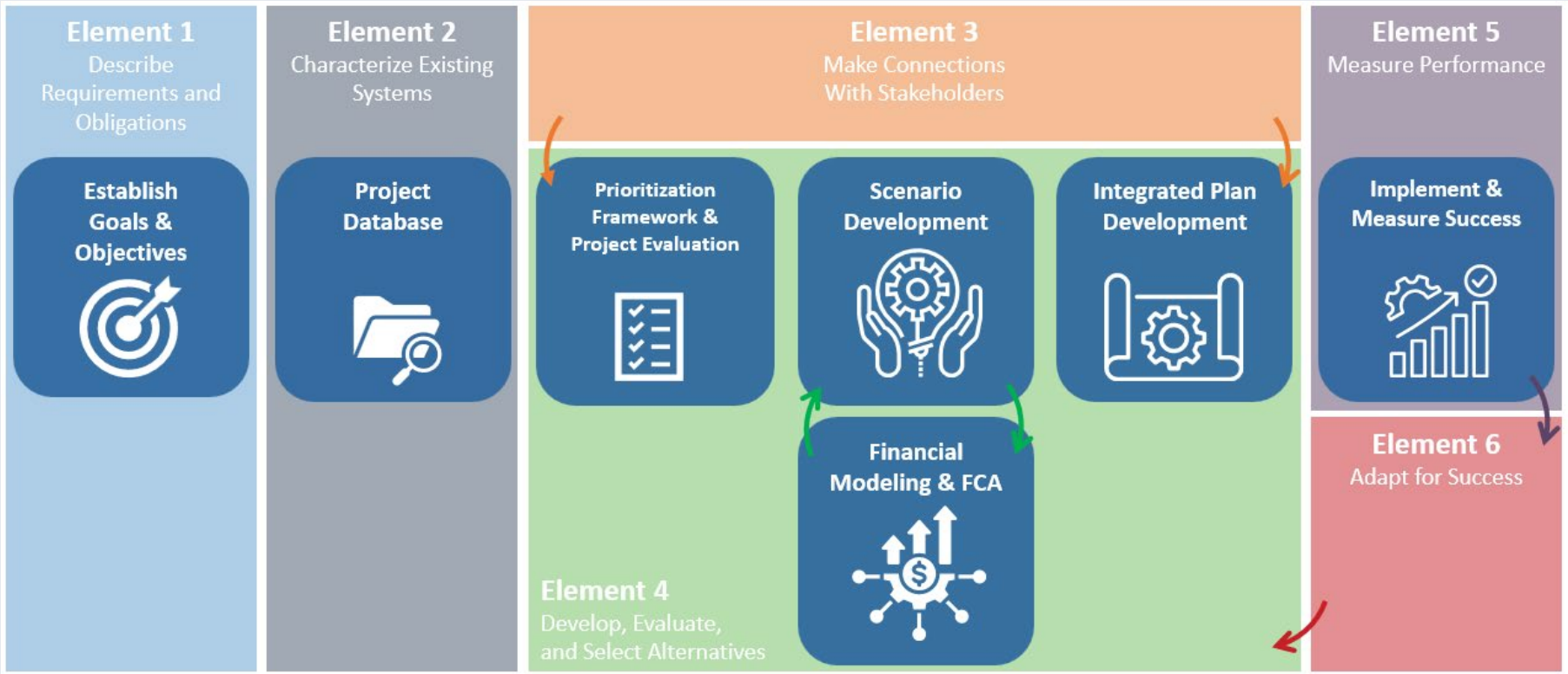
Drivers for Integrated Management Plan (IMP)

- Consent Decree-driven Overflow Control Plan - by 2035 (total planned investment ~ $2.2B vs forecasted $3B)
- New plant effluent total phosphorus limit (MoDNR October 2023, ~ $1B)
- New Water Treatment Plant (~$740M)
- Lead and Copper Rule Service Line Replacement (2025 – 2034, ~$20M/year)
- Large stormwater projects for Brush Creek and Little Blue River



Integrated Management Planning for KC Water

Guidance set by MDNR and EPA



Ongoing Community Engagement

- Mayoral-appointed **Public Advisory Committee**
- Objective:
  - To bring together a diverse group of Kansas Citians to collaboratively assess and provide input into KC Water's approach to prioritizing the community's most pressing water, wastewater, and stormwater utility needs and challenges
- Engagement Process:
  - Broad cross-section of community stakeholder groups
  - Educational component on KC Water’s water, wastewater, and stormwater systems
  - Feedback focused on consideration of community’s needs

IMP Public Advisory Committee

- 6 sessions over six months (April to Sept 2025)
- 3 sessions completed
- Next session in July

Sector / Interest	Identified Organizations / Individuals
Environmental	Heartland Conservation Alliance
Public Works	Kansas City Public Works Department - City Engineer
Higher Education	UMKC Center of Neighborhoods in the Department of Architecture, Urban Planning, and Design
African American	National Society of Black Engineers - Kansas City Chapter
Hispanic	Hispanic Chamber of Commerce of Greater Kansas City
Women	National Association of Woman in Construction - Kansas City Chapter
Business / Health	Garney Construction / Children's Mercy Hospital
Construction	Builders - Kansas City Chapter of Associated General Contractors

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M/WBE CREO KC Goals and Participation

CREO KC established goals of 15% MBE and 10% WBE on this Design Professional Services project on June 22, 2023.

The Contractor Utilization Plan was approved on June 23, 2023 with 15% MBE and 10% WBE participation and will remain to be met with this amendment.

MBE Firms

3T Design & Development, LLC
Dubois Consultants, Inc.
HG Consult, Inc.
NEER Technologies, Inc.
Parson & Associates, LLC
Taliaferro & Browne, Inc.

WBE Firms

3T Design & Development, LLC
Lynchpin Ideas, LLC
Macy Consulting Services, Inc.
TREKK Design Group, LLC
Vireo

THANK YOU