



ORDINANCE NO. 240492 (Committee Substitute)

South Water Supply Resiliency

Authorizing a \$4,619,205.00 design professional services contract with HDR Engineering, Inc., for the South Water Supply Resiliency project.

June 11, 2024

Transportation, Infrastructure & Operations
Committee



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Project Drivers

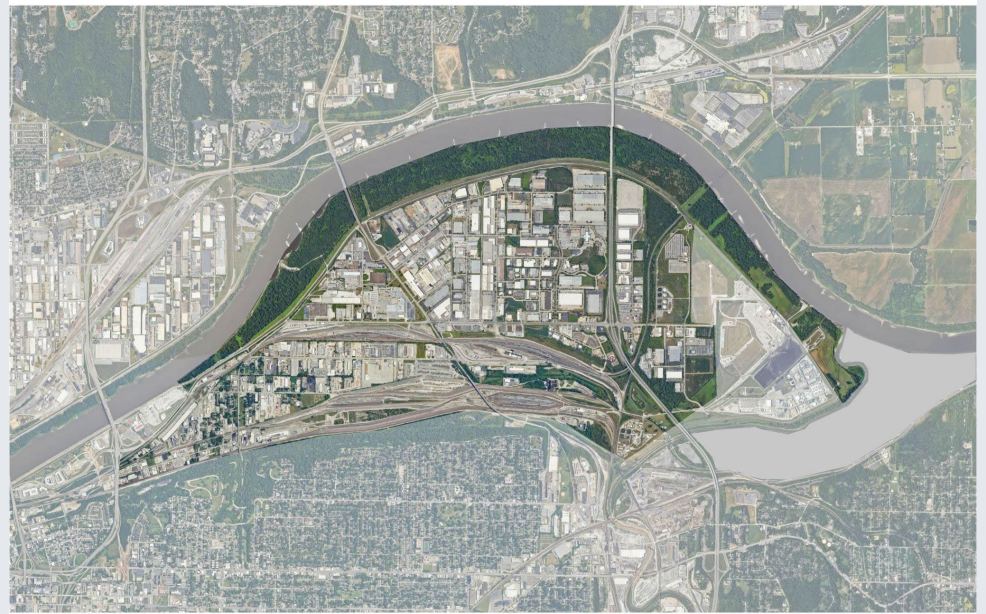
- KCMO has one water treatment plant and lacks supply redundancy
- New treatment regulations require new processes
- Existing plant site has space and height constraints for new technology, processes and future expansion.



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Site Evaluation and Community Engagement

- Engagement with community during site evaluation process
- Five sites will be screened initially
- Three sites will be selected for detailed evaluation
 - Community engagement
 - Environmental assessment
 - Geotechnical evaluation



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Scope

- Evaluation of potential raw water sources
- Evaluation of potential site locations
- Development of recommended process treatment technologies
- Preliminary design of a new Water Supervisory Control and Data Acquisition (SCADA) system
- Preliminary design to enable accurate cost estimation



This contract work will enable the Department to pursue external funding for further design and construction.



THANK YOU

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