

Kansas River Reservoirs Flood and Sediment Study (Watershed Study)

Kansas River RAC
Topeka, KS
December 9, 2019



**US Army Corps
of Engineers.**





Shared Vision


"Identify actions within the Kansas River Basin necessary to extend the useful life of our reservoirs, to increase their resiliency and maintain capacity. Develop sustainable measures to reduce flood risk, improve sediment management, and mitigate drought, while seeking opportunities related to critical infrastructure investment, water supply availability, ecosystem restoration, water quality, and enhancing recreation."



Opportunities

- Reduce flood risk, improve resiliency and increase long-term system integrity
- Increase the reliability and availability of water supply
- Manage sedimentation in reservoirs to reduce volume loss
- Reduce risks to life safety with improved flood risk system flexibility
- Improve the ecological and aquatic habitat in the Kansas River and tributaries





Study Focus Areas

- 3 primary focus areas:
 - **Flood risk management**
 - **Sediment management**
 - **Reservoir operations**



- Other Considerations:
 - Infrastructure investment
 - Water supply availability and sustainment
 - Water quality
 - Recreation
 - Ecosystem preservation and restoration

Strategies/Alternatives

- Goal: To reduce vulnerability and create resiliency of the existing system to ensure safety and to meet the needs of Kansas
- Measures considered:
 - Structural restoration
 - Sediment removal
 - Reservoir operational changes
 - Demand management
 - Reallocation
 - Extreme event (i.e. flood and drought) planning
 - Watershed management





Outreach and Public Involvement

Public Scoping Meetings

- December 2, 2019 - 6:30-8:30 p.m. – Manhattan, Kansas Fire House
- December 5, 2019 – 6:30-8:30 p.m. – Ellsworth, Kansas American Legion
- December 10, 2019 – 6:30-8:30 p.m. – Junction City, Kansas Geary County Senior Center
- December 12, 2019 – 6:30-8:30 p.m. – Perry, Kansas Perry Lecompton High School Theater
- Come and go, open house format – Brief presentation at 7:00 p.m.



Outreach and Public Involvement

Study Website

<https://kwo.ks.gov/projects/kansas-watershed-study>

How to Comment

Comments may be sent to:

- Kansas Water Office, Attn: Josh Olson, 900 SW Jackson Street, Suite 404, Topeka, Kansas 66612
- or sent electronically by e-mail to kwo-info@kwo.ks.gov
- or submitted on the website at <https://kwo.ks.gov/projects/kansas-watershed-study>.

All comments submitted will become part of the official administrative record for the project.



Schedule

- **May – September 2019: Project Management Plan development**
- **July 2019 – June 2020: Initial Baseline and Existing Conditions, Future Conditions, Measures/Strategies/Alternatives Development**
- **September 2019 – January 2020: Initial round of stakeholder coordination and public scoping**
- **June 2020 – July 2020: Preparation of Study Summary Document**
- **November 2020: Shared Vision Milestone Meeting**
- **December 2020 – May 2023: Watershed Study Recommendations Milestone**
- **Fall 2023 – Final Watershed Study Report**