

Mitchell County
Flood Risk Review Meeting

January 6, 2021 at 10:00 AM
Virtual Meeting via Zoom

KDA - Division of Water Resources
Topeka Field Office
1131 SW Winding Road, Suite 400
Topeka, KS 66615

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Wood
Environment & Infrastructure
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Topeka, KS 66612

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A web map is available to review project information:
https://gis2.kda.ks.gov/gis/lower_solomon_saline/

Important Upcoming Dates

1. Deadline to submit FRR Meeting comments	February 5, 2021
2. Estimated Public Open House	May 2021
3. Estimated Preliminary Distribution of DFIRM	December 2021
4. Estimated Community Coordinator's Officer Meeting	January 2022
5. Appeals Period <i>* Dates depend on publication in Federal Register.</i>	March-June 2022
6. Letter of Final Determination <i>* No changes to the map are made after this time. This date is exactly six months prior to effective date of new maps.</i>	October 2022
7. Effective Date of New Maps	April 2023

Please note that all dates are subject to change, particularly after preliminary distribution as there are occurrences out of KDA or Wood's control that can affect schedule, such as publishing in the Federal Register. The number of comments and appeals can also affect schedule, which is part of the reason why we believe it is important to discuss potential issues or questions early on in the process. We appreciate your participation at this time and look forward to working with you throughout the continuation of this process.

Process to create the maps:

A Discovery Meeting was held for the Solomon and Lower Saline Watersheds in Beloit in September 2019. This meeting discussed base level engineering that was performed on the watersheds and mapping needs for Mitchell County due to outdated engineering that was used for the effective maps. As a result, data development was performed for Mitchell County to produce updated floodplain maps.

The Mitchell County Mapping Update included new limited detailed modeling using two-dimensional (2D) HEC-RAS hydraulics and rainfall-runoff hydrology calibrated to gage analysis flows and HEC-HMS flows, with the inclusion of field measured structures, completed for approximately 94.7 miles of streams in and near the Cities of Cawker City, Glen Elder, Beloit, Simpson and Hunter, along with the portion of the Solomon River downstream of Glen Elder dam; resulting in enhanced Zone A floodplains.

Static Zone AE floodplains were developed for Waconda Reservoir using a statistical stage analysis.

Standard modeling using 2D HEC-RAS hydrology and hydraulics was completed for the remaining streams within the County, resulting in Zone A floodplains.

Non-regulatory flood risk products will be developed for Mitchell County. The updated digital floodplain maps will be developed on the 2011 acquired LiDAR.

Data can be downloaded from: http://bit.ly/MitchellCo_FRR

*If you have any problems with retrieving the data, please contact Joanna Rohlf.

- **Draft_DFIRM**
 - Draft DFIRM data
- **Meeting documents**
 - Power Point & Handouts (plus Sign-In sheets when available)
- **FRR.mxd**
 - MXD with data on the FTP site loaded and symbolized. It does not contain topography or imagery, but they can be easily added to the MXD.