

**Lower Cottonwood/Chase County
Flood Risk Review Meeting**

November 6, 2018

Strong City Depot ♦ 204 Topeka Street, Strong City, KS

**KDA - Division of Water Resources
Topeka Field Office**
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Draft Data available for download: http://bit.ly/Lower_Cottonwood

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

Important Upcoming Dates

This FRR is for the Lower Cottonwood watershed. The projected dates for Preliminary Distribution and beyond are for the Chase County portion of the project.

1. Deadline to submit FRR Meeting comments	December 7, 2018
2. Estimated Public Open House	January 2019
3. Estimated Preliminary Distribution of DFIRM	May 2019
4. Estimated Community Coordinator's Officer Meeting	June 2019
5. Appeals Period <i>* Dates depend on publication in Federal Register.</i>	November 2019– January 2020
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>	May 2020
7. Effective Date of New Maps	November 2020

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

Discovery meetings were held for the Lower Cottonwood watershed in Cottonwood Falls in April 2015 and for the Neosho Headwaters in Emporia in February 2017. These meetings discussed watershed mapping needs due to outdated engineering on the effective maps, and the Chase County floodplains were still on paper maps. The Lower Cottonwood project has produced updated floodplain mapping for all of Chase County and those portions of the watershed in Lyon and Marion Counties.

New detailed modeling using rainfall/runoff hydrology and 1D HEC-RAS hydraulics was completed for 5.5 miles of streams near Emporia.

Limited detailed modeling using gage analysis calibrated hydrology and 2D HEC-RAS hydraulics was completed for 17.6 miles of streams, including the Cottonwood River near Cedar Point, Elmdale, Strong City and Cottonwood Falls. Limited detailed modeling was also completed for another 6.2 miles of streams near Strong City and Cottonwood Falls using rainfall/runoff hydrology and 2D HEC-RAS hydraulics.

The project included incorporation of a LOMR project for the Cottonwood River in Lyon County. Re-delineation of several previously studied streams in Lyon County on the 2011 LiDAR topography was also done for this project.

Approximate Zone A hydraulics was completed for the remaining streams within the study area using 2D HEC-RAS hydrology and hydraulics.

The Lyon County portion of this watershed will be discussed and continue forward with the Neosho Headwaters project.

Non-regulatory flood risk products will be developed watershed-wide. Chase County will have countywide updated digital floodplain maps on the 2011 acquired LiDAR.

Data on FTP site:

- **Draft_DFIRM**
 - Shapefiles of the draft DFIRM data
- **Meeting documents**
 - Power Point & Handouts (plus Sign-In sheets when available)
- **Chase_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.

DRAFT DFIRM Web Map

KDA has created and is hosting a web map to view the Chase County Draft DFIRM data. Comments may be directly submitted through the web map using a comment tool. Use the tool to draw a box around the area in question and fill out the associated text boxes with the pertinent comment information. Comments can also be submitted via email using the contact information provided on the reverse side of this handout.

The web map can be accessed at the following web address: http://gis2.kda.ks.gov/gis/lower_cottonwood/