



Key Drainage Related Guidance Documents in the Red River Basin of the North: April 2022

1. Technical and Scientific Advisory Committee (TSAC): This is a Committee of the Red River Basin Flood Damage Reduction Work Group, which has developed 15 technical papers since 1998. Important technical papers related to drainage include the following:

- Culvert Sizing for Flood Damage Reduction: Preliminary Guidance from 2007.
- Best Management Practices for Controlling Runoff from Agricultural Land: Red River Basin Flood Damage Reduction Work Group, Technical Paper No. 3 - Updated July 2021.

These technical papers can be found in the "Reference Documents" section of this website:
<https://www.rrwmb.org/fdrwg>

2. Red River Watershed Management Board (RRWMB): The RRWMB developed the following recommendations and model rules/guidance for its member watershed districts:

- Recommended Guidelines for Tile Drainage Systems - Adopted on November 19, 2013.
- Recommended Guidelines for Surface Drainage Systems - Adopted on December 16, 2014.
- Model Watershed District Rules and Guidance Document - Approved in 2014.

3. Red River Retention Authority - Basin Technical and Scientific Advisory Committee (BTSAC): This Committee was established to answer specific questions about the impacts of agricultural drainage on flooding in the Red River Basin. BTSAC developed the following three briefing papers:

- Briefing Paper #1: Impacts of Subsurface Agricultural Drainage on Watershed Peak Flows - Finalized on March 30, 2011. [btsac_briefing_paper1.pdf \(redriverretentionauthority.net\)](#)
- Briefing Paper #2: Water Management Options for Subsurface Drainage - Finalized on April 9, 2012. [btsac_briefing-paper2.pdf \(redriverretentionauthority.net\)](#)
- Briefing Paper #3: Water Management Options for Surface Drainage - Finalized on September 15, 2014. [btsac-bp3-final-9-15-14a.pdf \(redriverretentionauthority.net\)](#)

4. Local Drainage Rules and Regulations in the Red River Basin: There are 11 organized watershed districts in the Red River Basin of Minnesota (refer to map on next page), which generally have regulations and permitting processes in place related to drainage. Watershed districts, counties, and townships can be contacted to determine specific permitting processes, requirements, and rules/regulations.

5. Contact Information: Contact the RRWMB for more information about these resources.

Red River Water Management Board

Member Watershed Districts

