



- Legend**
- FEMA Flood Zone**
- Zone A (Unstudied; Flood Elevations Not Determined Yet)
 - Zone AE (Flood Elevations Determined & Published)
 - Hydric Soils (Saturated / High Water Table / Poorly Drained)
- DAMS**
- EARTH EMBANKMENT IMPONDMENT
 - ROCK OF THE RIVER DAM
 - REMOVED
 - Stormwater Flow Path (Begins at 0.1 acre of drainage area)
- Storm Sewer**
- STORM SEWER
 - ROADWAY CULVERT
 - KNOWN DRAIN TILE
 - DRIVEWAY CULVERT
 - RAILROAD CULVERT
- Stormwater Storage Areas**
- | Function |
|----------------------------|
| AGRICULTURAL POND |
| QUARRY |
| WETLAND |
| STORMWATER RETENTION BASIN |
| REGULATIONAL POND |
| UNCLASSIFIED POND |
- Wetlands**
- ADD Wetlands (2004)
 - NRCS Farmed Wetlands (2004)

**Drainage Map
St Charles Township
Draft**

0 200 400 800 1,200 1,600 2,000 Feet

Kana County
Department of Environment
& Water Resources

Date of Aerial Photo: Spring 2021
Map Updated: Jun 29, 2022

The purpose of this map is to provide a comprehensive, illustrative map that illustrates where stormwater may accumulate and how it flows across Kana County. Storm sewers and detention basins shown on this map are not intended to be used for engineering purposes. This data is considered planning level information and is not intended to serve as a regulatory map. Regulatory floodplain boundaries prepared by FEMA are shown on this map as a courtesy.

Areas of POTENTIAL flooding (see graduated color scale on the left) were determined through a simple surface "wet" analysis using the latest Digital Elevation Model (DEM) for Kana County (created from 2017 LiDAR data, ±2ft vertical accuracy). The analysis illustrates the maximum potential flooding depth of all depressions in the landscape. These areas of potential inundation reflect the maximum possible level of flooding if the underlying drain tile, storm sewer or culvert intended to drain these areas were not functional under extreme storm conditions. This provides the viewer with a "worst case scenario" illustration of possible flooding if the manmade infrastructure malfunctioned or became inoperable.

For specific questions about possible flooding within in a given municipality, contact the municipal public works or engineering department for that municipality to obtain more information.

GIS Mapping Disclaimer
This map was prepared by a contractor under contract to the State of Kansas. The contractor is not responsible for any errors or omissions in this map. The contractor is not responsible for any damages or losses resulting from the use of this map. The contractor is not responsible for any claims or lawsuits filed against the contractor or the State of Kansas.