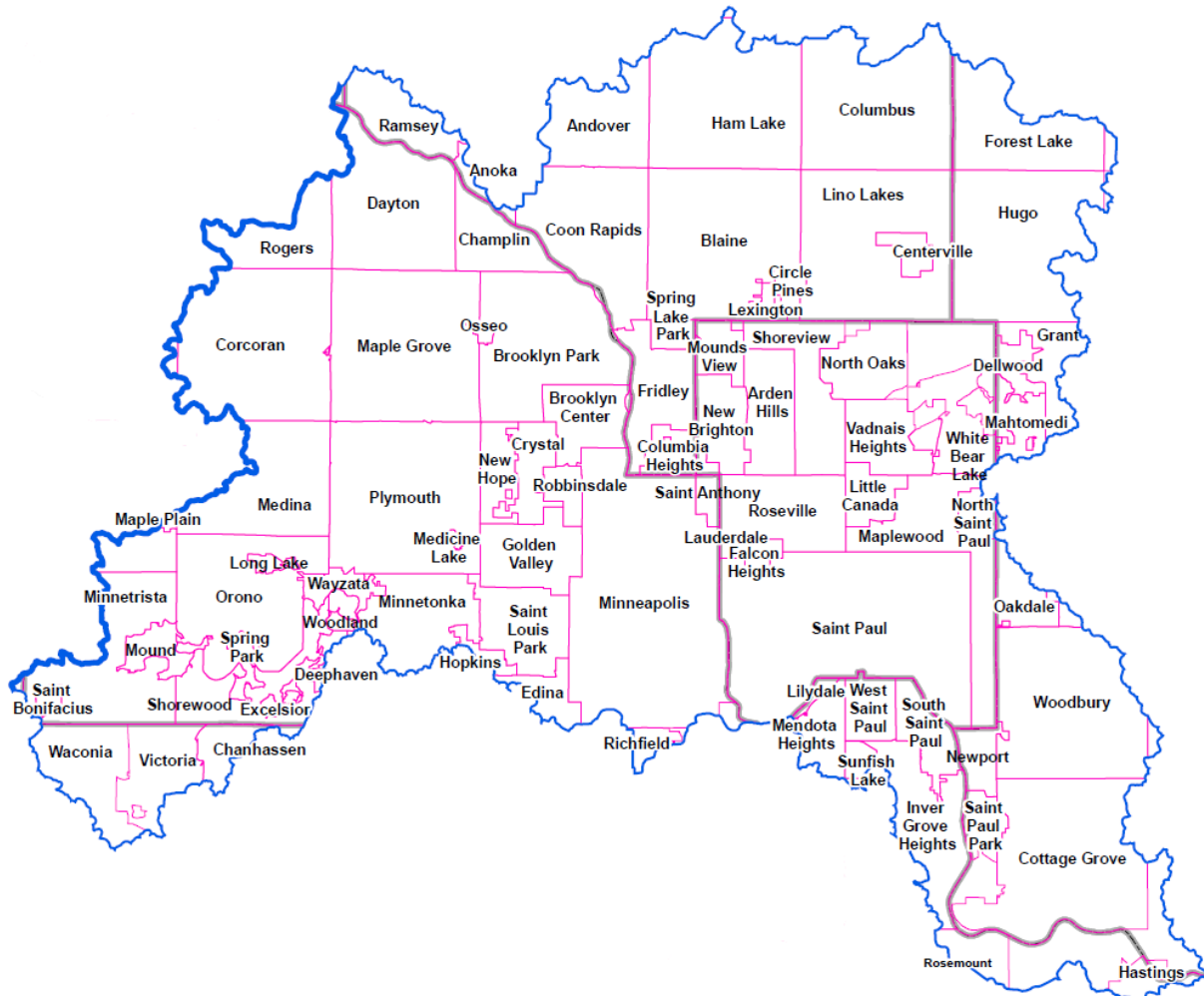




DNR Updates – Twin Cities HUC8

January 21, 2021

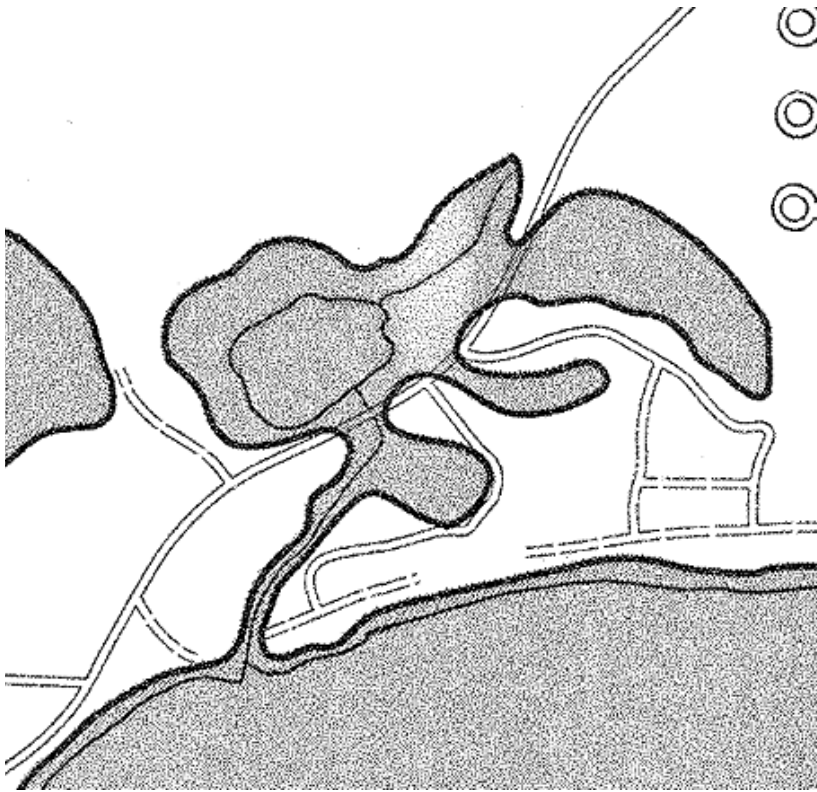
Twin Cities HUC-8



- 2018 – 2020
- Getting supporting data for A zones
- Delineating A and AE Zones with LiDAR
- Working with watershed districts when possible

Earlier FEMA Map Updates (under Map Modernization) Used “Digital Capture”

Anoka County Example



1980 FIRM

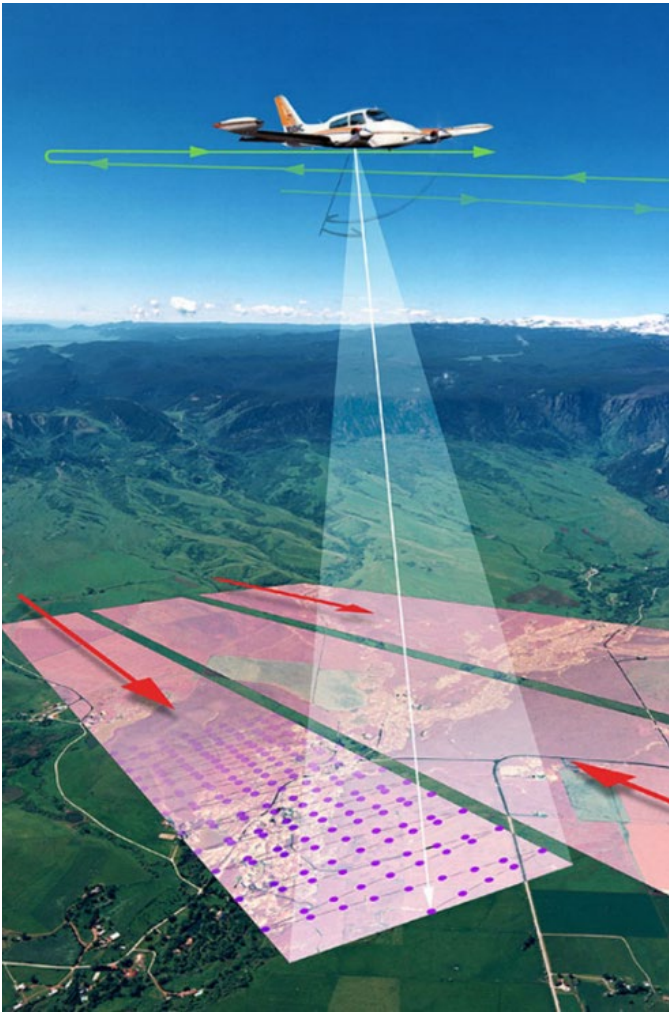


2015 FIRM Layer

Types of Floodplain Delineation

- **Zone AE (or Zone A1-A30, AO, AH):**
Detailed engineering analysis supports Base Flood Elevations (BFEs) shown on maps, profiles, floodway data tables
- **Zone A:**
Approximate delineations without BFEs on the map and no profiles or data tables in the report

We have LiDAR statewide



Twin Cities HUC8 Better Mapping Timeline

When will the data be digitally available online?

The data will be available digitally when we hold the Flood Risk Review meetings next winter.

When can the new data be used?

- **A Zone** data can be used immediately after the Flood Risk Review meetings for zoning decisions, to apply for FEMA map appeals and flood insurance rating. It's considered "best available data."
- **Zone AE** updated data can only be used once it is on a new official map.
 - New FEMA maps – we anticipate that will be about 3 years out
 - Letter of Map Revision (LOMR) – Cities can do "better data" LOMR. No FEMA review costs. Can do 1-2 panels per LOMR. Process takes ~ 1 year (if no complications)
 - If any higher flood elevations or new floodways, we encourage ordinance amendment to use current map or updated data, whichever is more restrictive.

Thank You!

Stacy Harwell

stacy.harwell@state.mn.us

651-295-5088