

Online / Remote Assessment Resources

USDA – Web Soil Survey

- Hydric Soils (Suitabilities & Limitations < Land Classifications)
- Drainage Class
- Depth to Water Table
- Ponding Frequency
- MN Engineering Properties (Soil Data Explorer < Soil Reports<Soil Physical Properties)

LiDAR – Contours, hydrology calculations

USFWS NWI Classifications

Aerial Photography

- MnGeo Web Map Services
 - MN Geospatial Image Service
 - Composite Image Service
- U of MN Historical Aerial Photographs

AgACIS Weather Data – (eFOTG < Section II < Climatic Data)

Beacon – plat ownership information, public drainage, topographic information

MnDOT Geodetics Monument Viewer – Permanent Benchmark

Design -Practice Standards

Tile Block / Break: 657 (Criteria for Subsurface Drainage Alteration)

Scrape: 657 (Criteria for Hydric Soil / Hydrology Restoration)

Embankment: 657 points to 356 (Dike)

Tile outlet and re-routes: 620

Other resources and guidance: EFH Chapter 13, MN Supplements; MN Wetland Restoration Guide (BWSR website)