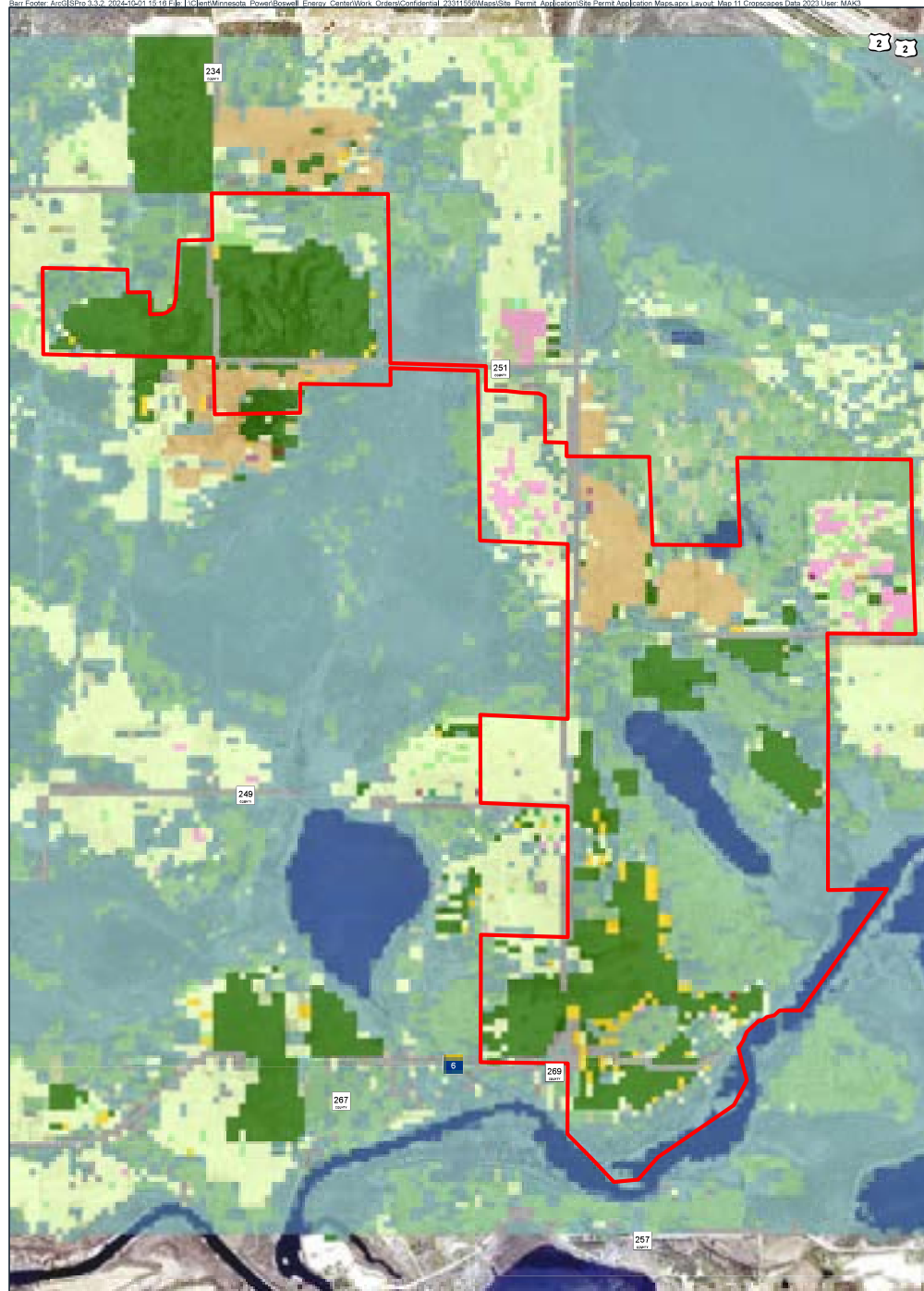
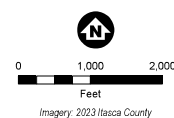




- | | | |
|---|---|---|
| ■ Site | ■ Dry Beans | ■ Developed/High Intensity |
| ■ Corn | ■ Potatoes | ■ Barren |
| ■ Soybeans | ■ Other Crops | ■ Deciduous Forest |
| ■ Spring Wheat | ■ Sod/Grass Seed | ■ Evergreen Forest |
| ■ Rye | ■ Fallow/Idle Cropland | ■ Mixed Forest |
| ■ Oats | ■ Open Water | ■ Shrubland |
| ■ Alfalfa | ■ Developed/Open Space | ■ Grassland/Pasture |
| ■ Other Hay/Non Alfalfa | ■ Developed/Low Intensity | ■ Woody Wetlands |
| | ■ Developed/Med Intensity | ■ Herbaceous Wetlands |

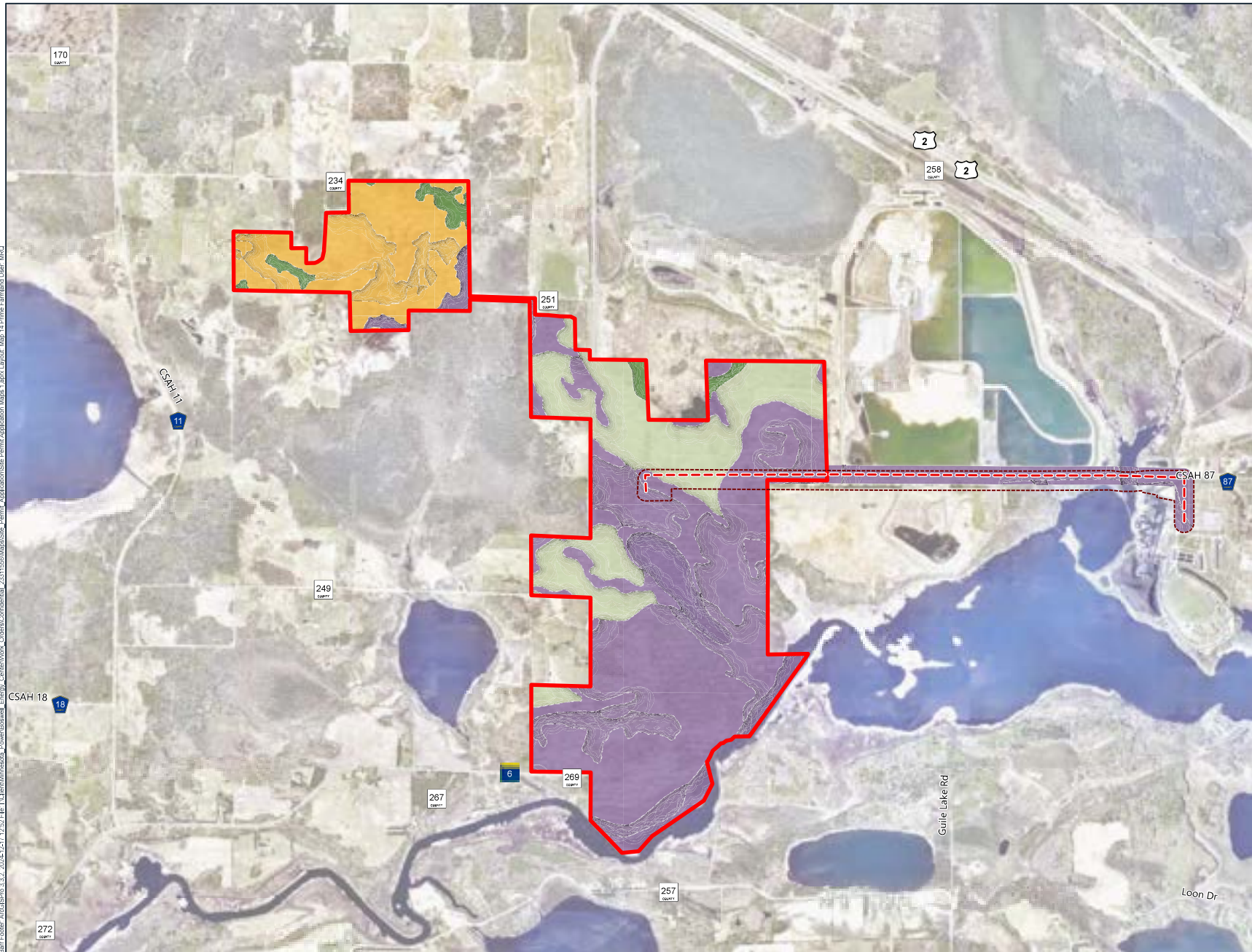


CROPSCAPES DATA 2023
Site Permit Application
Minnesota Power

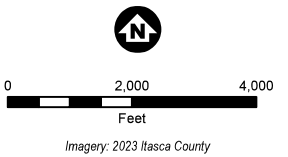
Map 11



Bar Footer: ArcGISPro 3.3.2, 2024-11-17 12:52 File: I:\Client\Minnesota Power\Basin\Energy_Center\Work_Octom\Confidential_2311555\MapSeries_Permit_Application\Site Permit_Application\Map 14 Prime Farmland User_RFC



- Site
- Gen-Tie Line
- Route Width
- Farmland Classification
 - All areas are prime farmland
 - Farmland of statewide importance
 - Not prime farmland
 - Prime farmland if drained

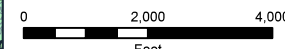
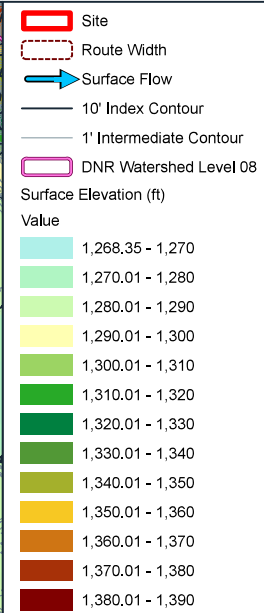
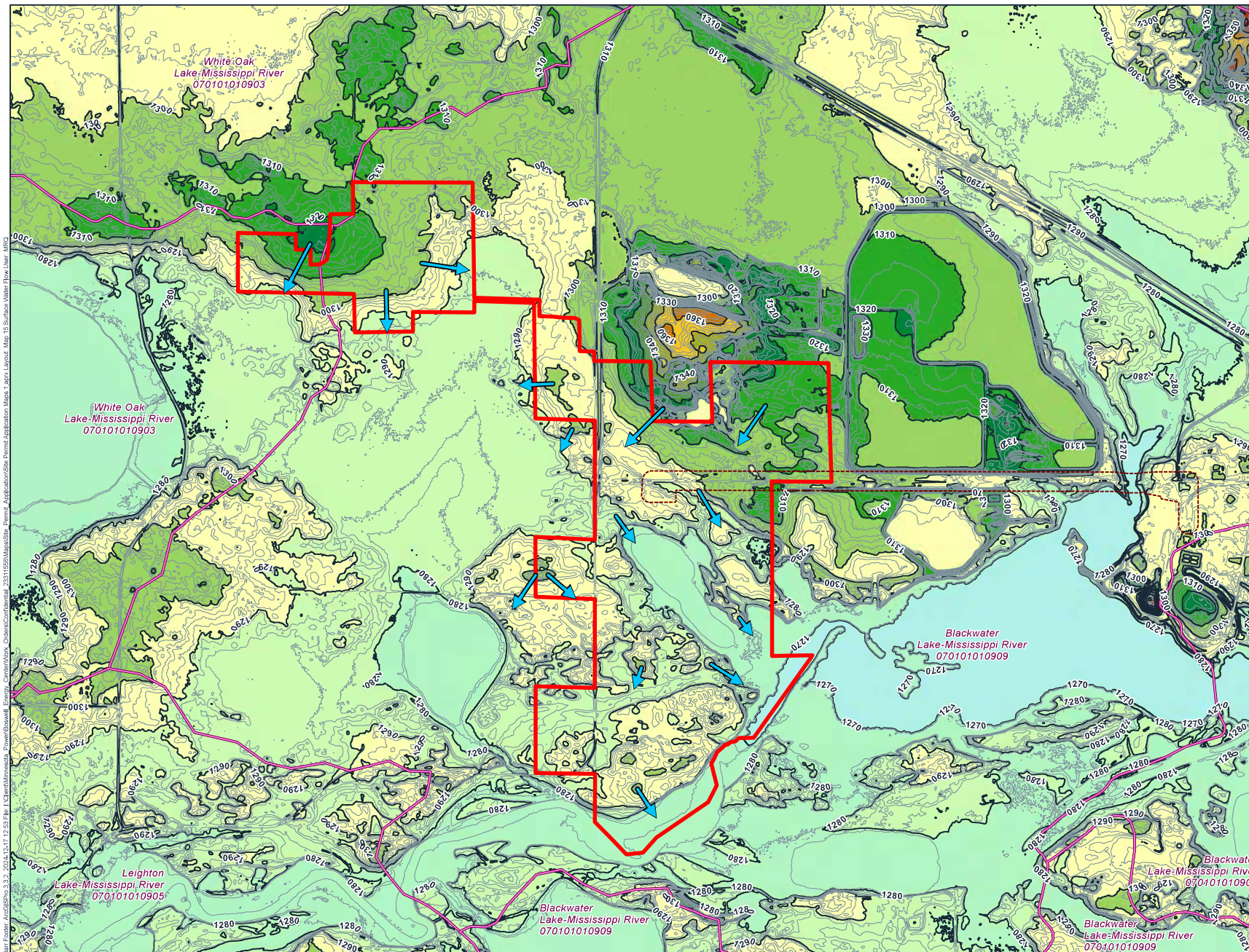


Imagery: 2023 Nasca County

**PRIME FARMLAND
WITHIN PROJECT AREA**
Site Permit Application
Minnesota Power

Map 14





Imagery: 2023 Nasca County

SURFACE WATER FLOW
Site Permit Application
Minnesota Power

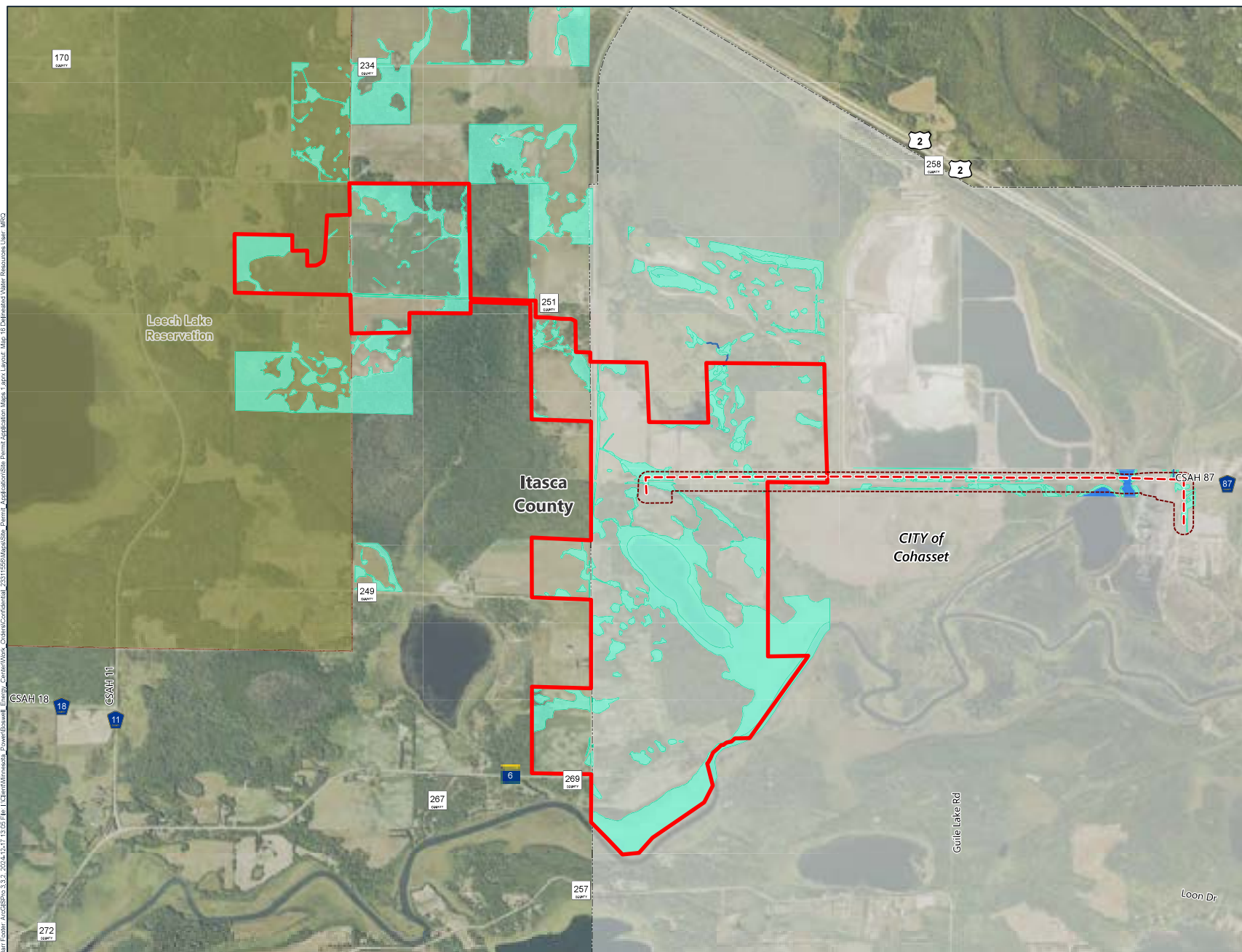
Map 15



Maps
Page 15 of 21

Docket No. E015/GS-24-425
Docket No. E015/TL-24-426

Bar Footer: ArcGISPro 3.3.2, 2024-12-11 13:05 File: I:\Client\Minnesota_Energy_Center\Work_Octom\Confidential_2311559\MapSite_Permit_Application\Site_Permit_Application_Maps_1.aprx Layout: Map 16 Delineated Water Resources User: RPO



- Site
- Route Width
- Gen-Tie Line
- Delineated Waterway
- Field Delineated Wetland
- Delineated Waterbody
- County Boundary
- Municipal Boundary
- Native American Reservation



0 2,000 4,000
Feet

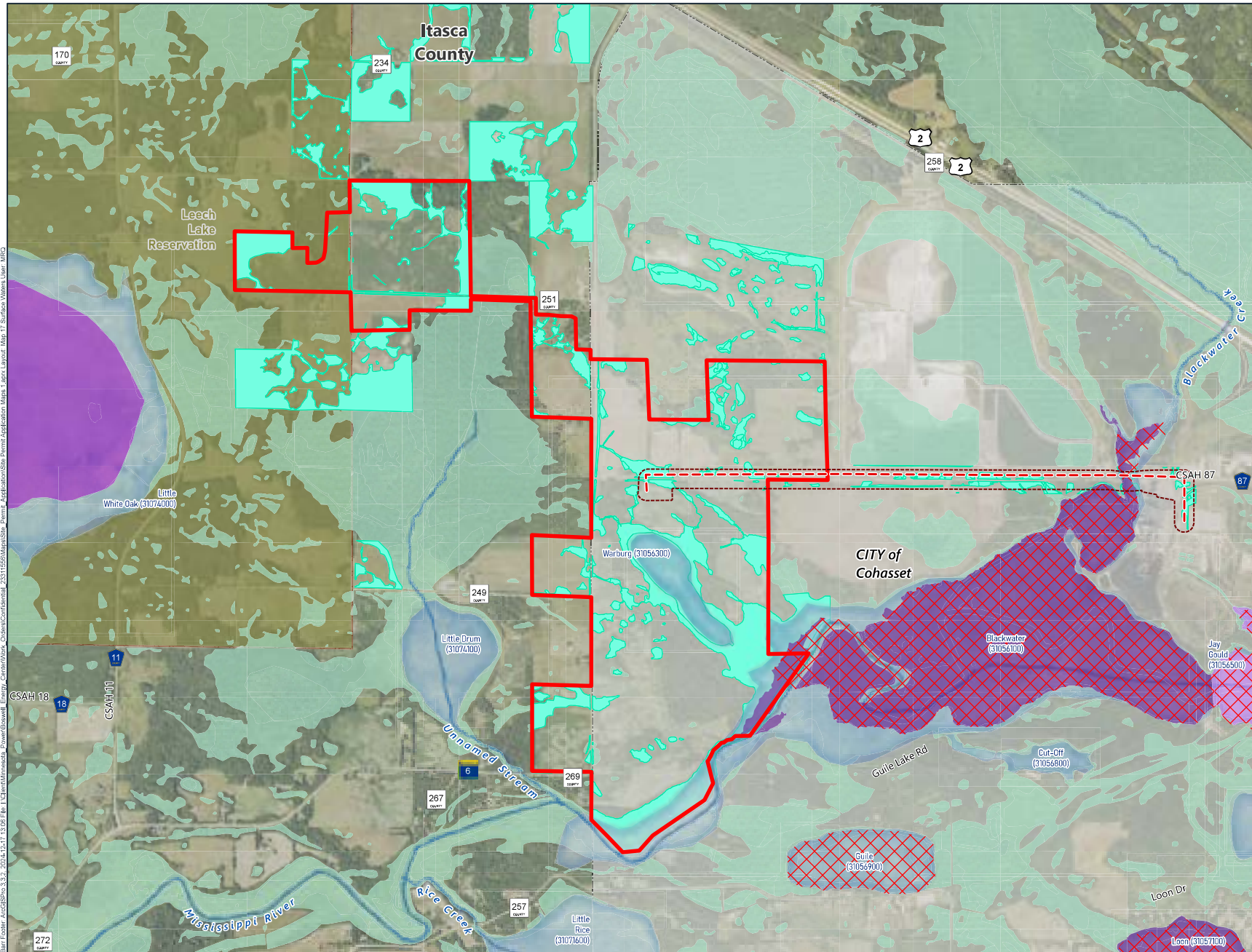
Imagery: 2023 Itasca County

**DELINEATED
WATER RESOURCES**
Site Permit Application
Minnesota Power

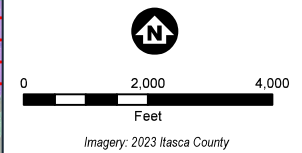
Map 16



Barr Footer: ArcGISPro 3.3.2, 2024-12-17 13:09 File: I:\Client\Minnesota Power\Barr_Energy_Center\Work_Colony\Confidential_2311559\MapSeries_Permits_Application\Site Permit_Application\Map 17_Surface Waters User_MPCO



- Site
- County Boundary
- Municipal Boundary
- Native American Reservation
- Gen-Tie Line
- Route Width
- Field Delineated Wetland
- NW Minnesota
- MPCA Impaired Streams - Draft 2022
- MPCA Impaired Lakes - Draft 2022
- Public Watercourses
- Public Water Watercourse
- Public Waters Basins
- Lakes of Biological Significance
- Class
- Outstanding
- High
- Moderate



SURFACE WATERS
Site Permit Application
Minnesota Power

Map 17

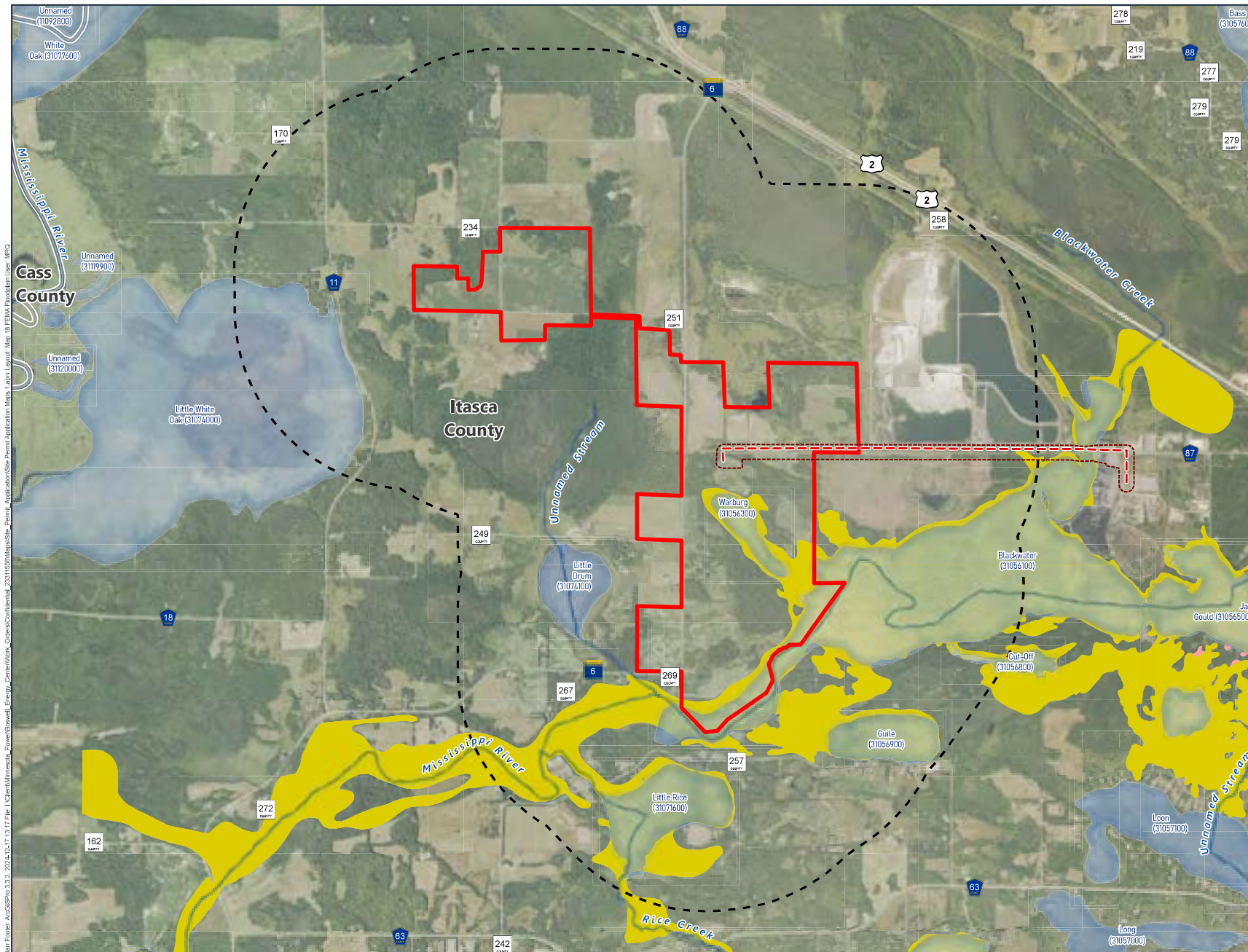


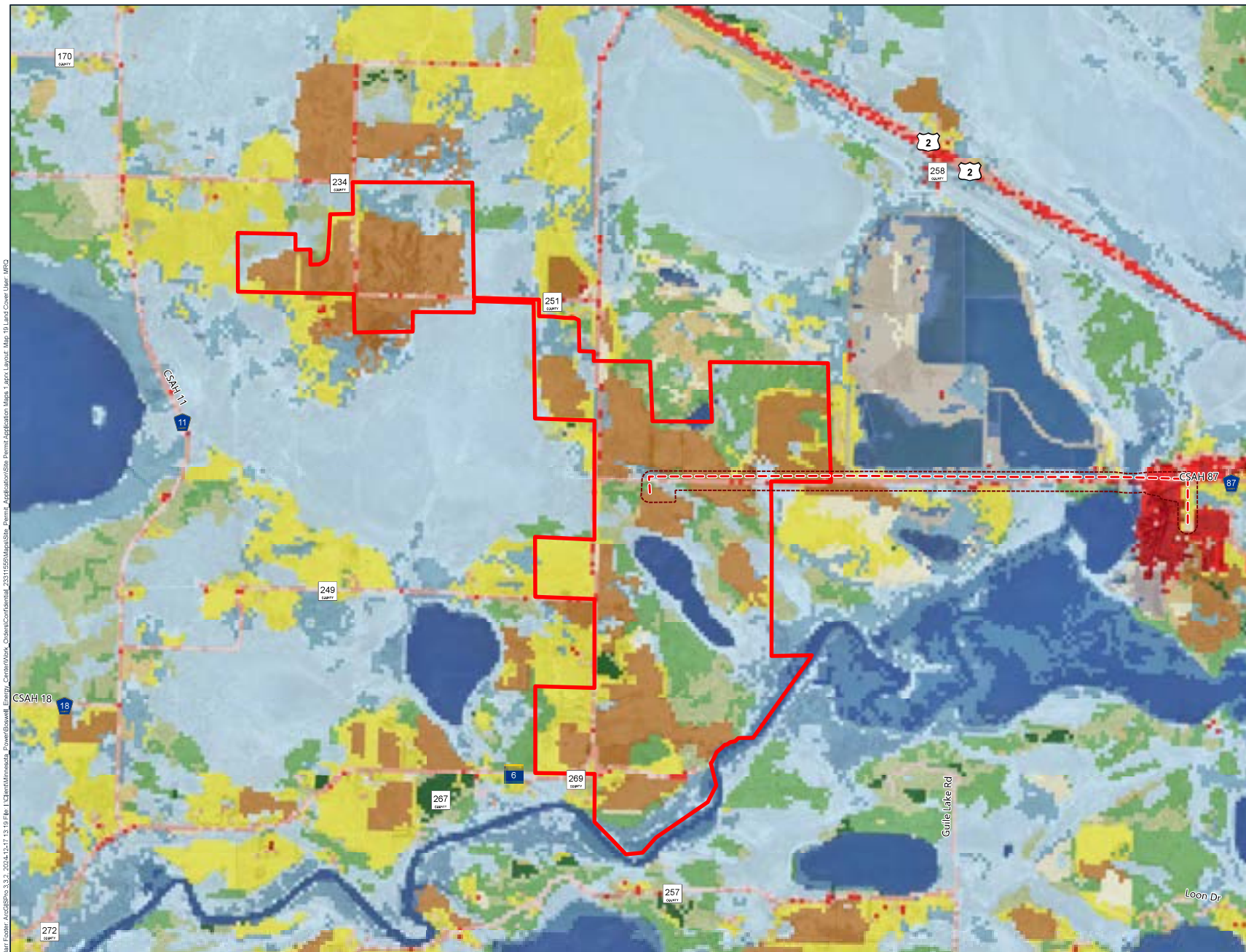
Maps

Page 17 of 21

Docket No. E015/GS-24-425

Docket No. E015/TL-24-426





- Site
- Gen-Tie Line
- Route Width
- Land Use, NLCD 2021
- Cultivated Crops
- Deciduous Forest
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, Open Space
- Emergent Herbaceous Wetlands
- Evergreen Forest
- Hay/Pasture
- Herbaceous
- Mixed Forest
- Open Water
- Shrub/Scrub
- Woody Wetlands



0 2,000 4,000
Feet

Imagery: 2023 Itasca County

LAND COVER Site Permit Application Minnesota Power

Map 19



Maps
Page 19 of 21

Docket No. E015/GS-24-425
Docket No. E015/TL-24-426

Bar Footer: ArcGISPro 3.3.2, 2024-12-11 13:20 File I:\Client\Minnesota_Energy\Barrwell_Energy\Center\Work_Colony\Confidential_2311559\MapSeries\Map 20 Wildlife Resources and Sensitive Ecological Resources User Map20

