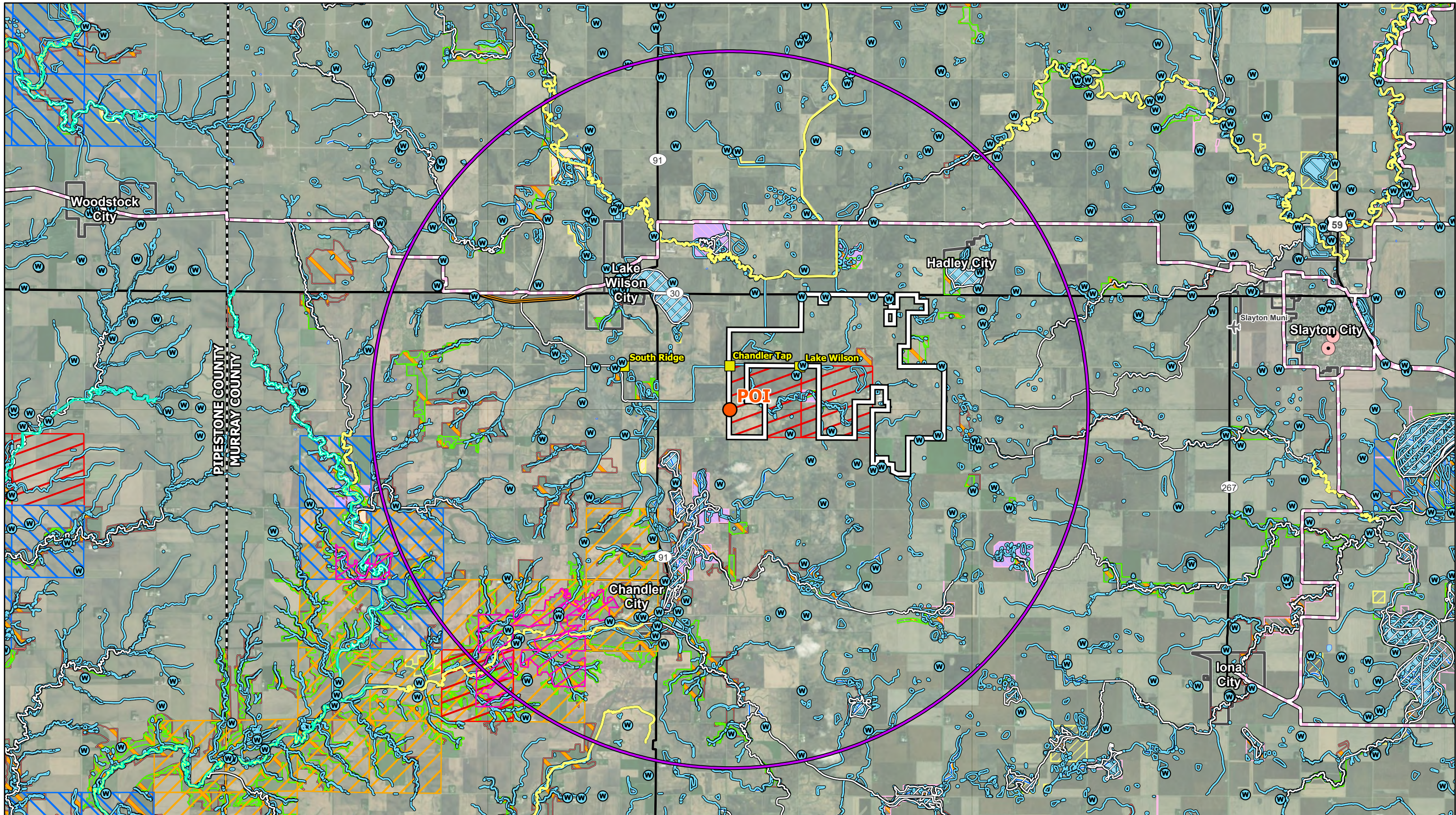




Data Source(s): Westwood (2022); ESRI WMS Imagery Basemap (Accessed 2021); U.S. Census Bureau (2020); MNDNR (2021); U.S. Geological Survey (2020); USFWS (2021); Venturix Velocity Suite (2021); USGS NHD (2015); PAD-US (2021).

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Legend

- Project Area
- Project Point of Connection (POI)
- POI 5-Mile Buffer
- Existing Substation Near Project Area
- Water Well

- NRHP Point
- Airport
- Snowmobile Trail
- State Trail/Road
- PWI Watercourse
- PWI Basin

- NWI Wetland
- NHD Flowline
- NHD Waterbody
- Impaired Stream
- NCED Easement Location

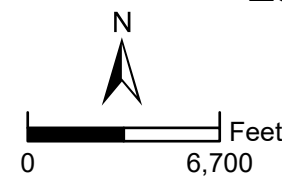
- Native Plant Community
- Minnesota Wildlife Management Area
- MBS Site of Biodiversity Significance

- Dakota Skipper/Poweshiek Skipperling Critical Habitat
- Topeka Shiner Critical Habitat
- Vascular Plant
- Vertebrate Animal

- Invertebrate Animal
- Major Road
- Municipal Boundary
- County Boundary

PADUS Designation Type

- Conservation Easement
- State Conservation Easement

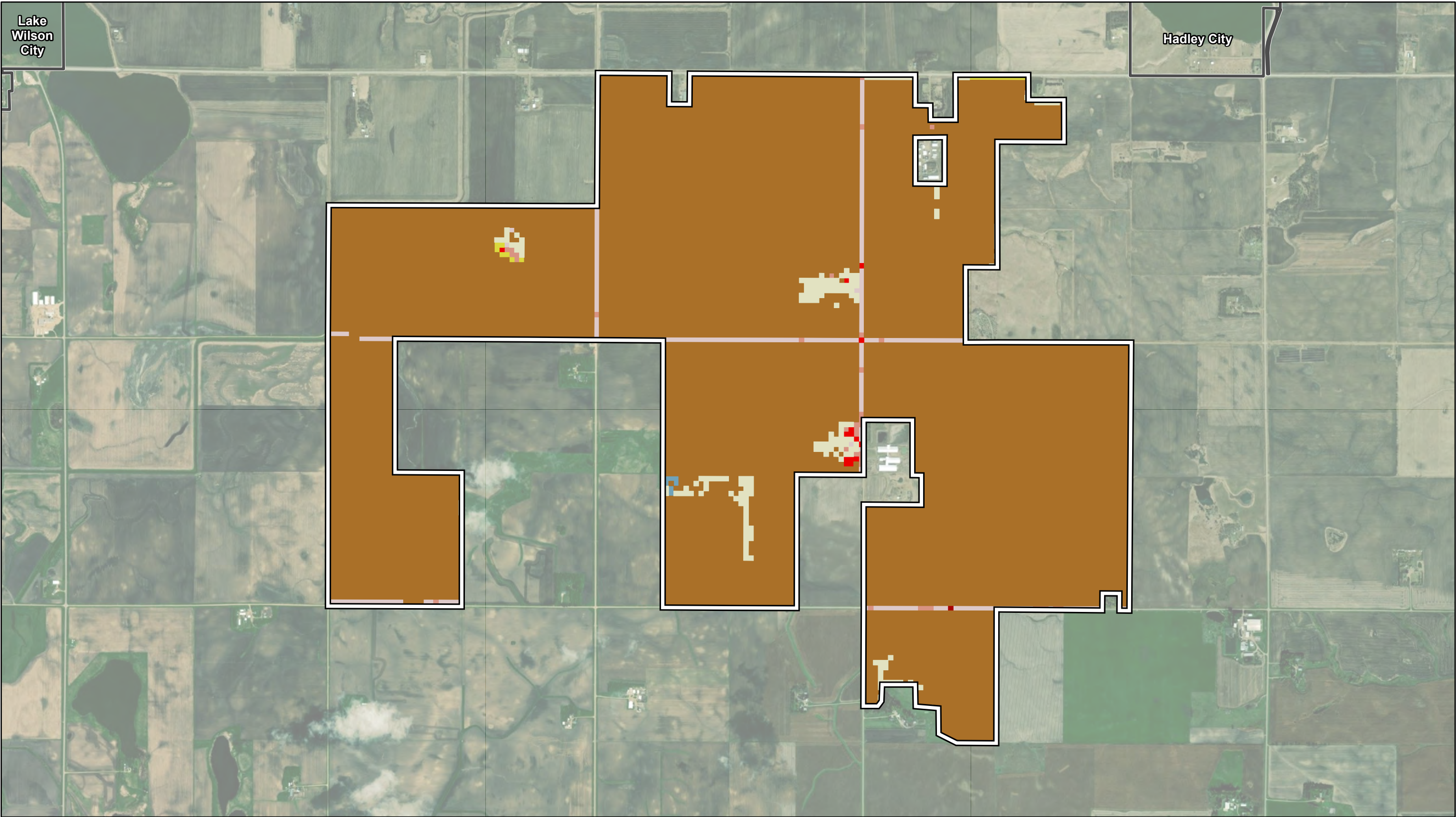


Lake Wilson Solar Project

Murray County, Minnesota

Lake Wilson Solar Site
& POI Constraints

FIGURE 11 (November, 2022)



Data Source(s): Westwood (2022); ESRI WMS Imagery Basemap (Accessed 2021); U.S. Census Bureau (2020); MNDNR (2021); NLCD (2019).

Legend

- Project Area
- Municipal Boundary
- County Boundary

NLCD Land Cover

- Barren Land
- Cultivated Crops
- Deciduous Forest

- Developed, High Intensity
- Developed, Low Intensity

- Developed, Medium Intensity
- Developed, Open Space

- Emergent Herbaceous Wetlands
- Grassland/Herbaceous
- Pasture/Hay



Lake Wilson Solar Project

Murray County, Minnesota

Lake Wilson
Land Cover

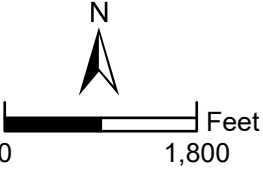
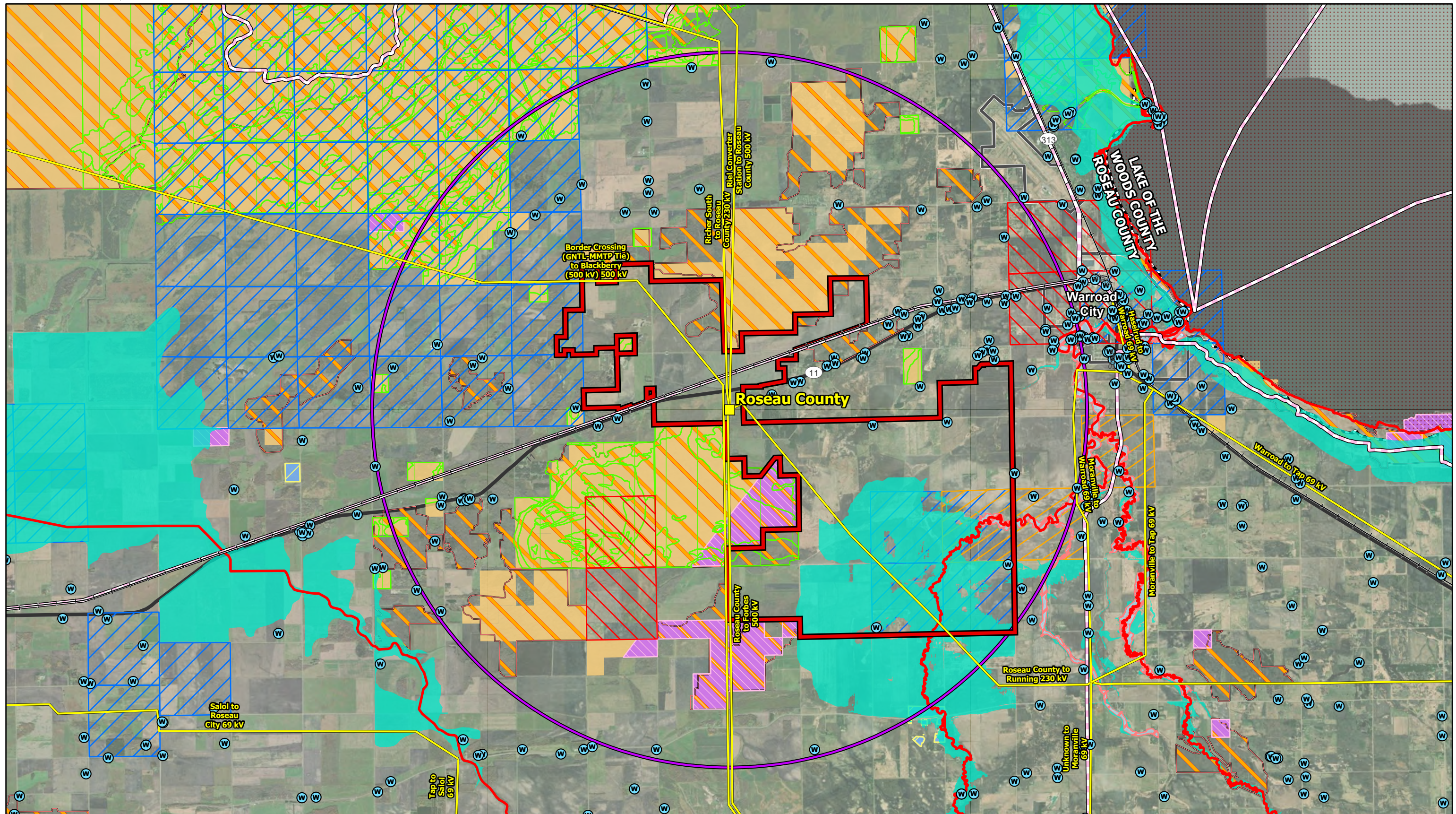


FIGURE 11a (October, 2022)

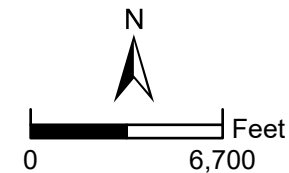


Data Source(s): Westwood (2022); ESRI WMS Imagery Basemap (Accessed 2021); U.S. Census Bureau (2020); MNDNR (2021); U.S. Geological Survey (2020); USFWS (2021); Ventrix Velocity Suite (2021); USGS NHD (2015); PAD-US (2021).

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Legend

- | | | | | |
|------------------------------|-----------------|------------------------|---------------------------------------|------------------------------------|
| Hat Trick Site | Impaired Stream | NHD Waterbody | NCED Easement Location | Minnesota Wildlife Management Area |
| Roseau County Substation POI | Impaired Lake | 1% Annual Flood Chance | Conservation Easement | County Boundary |
| Existing Transmission Line | PWI Watercourse | Floodway | State Conservation Area | Municipal Boundary |
| Water Well | PWI Basin | Invertebrate Animal | State Resource Management Area | Major Road |
| Snowmobile Trail | NWI Wetland | Vascular Plant | Native Plant Community | Railroad |
| 5-Mile Search Buffer | NHD Flowline | Vertebrate Animal | MBS Site of Biodiversity Significance | |

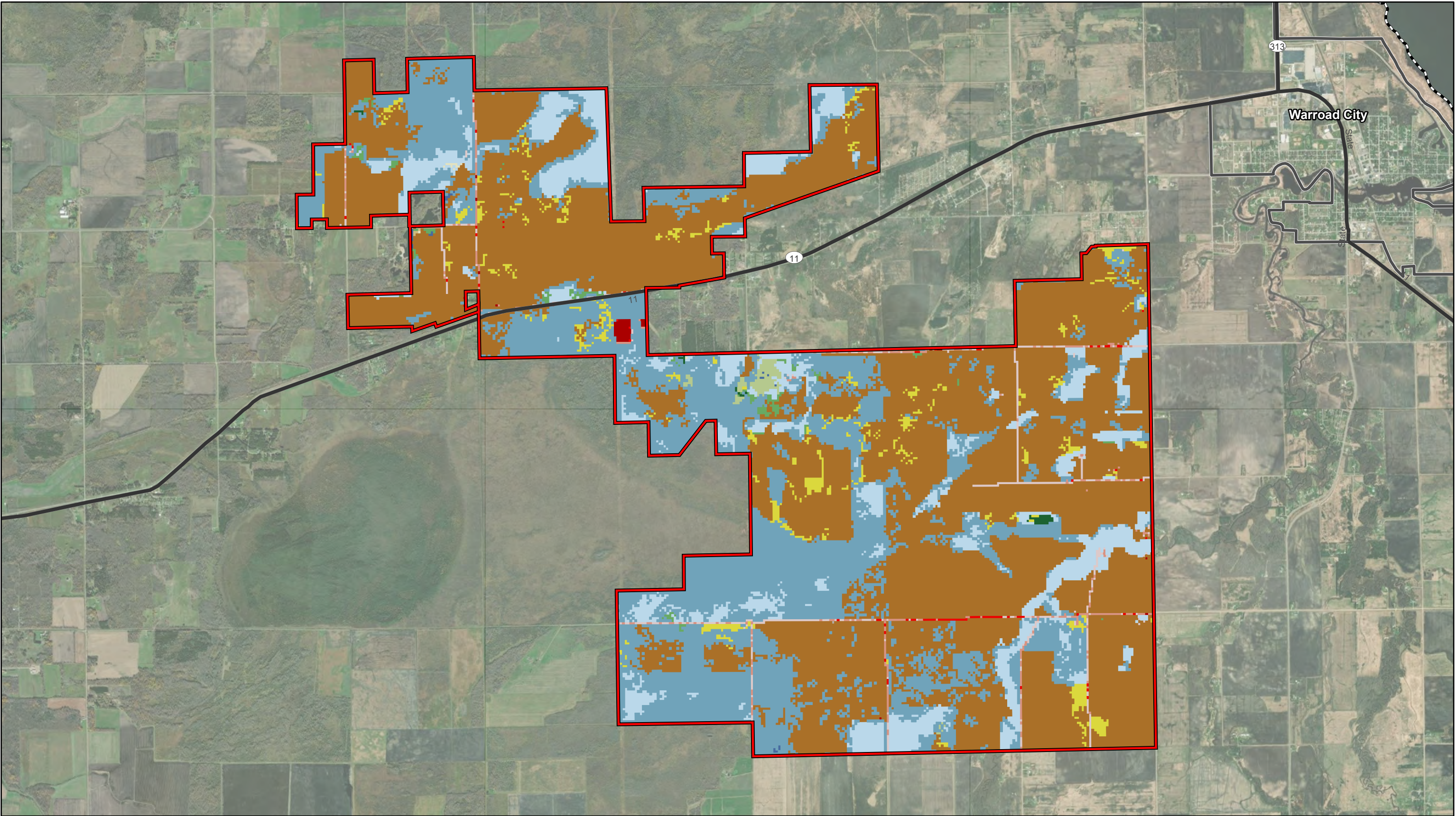


Lake Wilson Solar Project

Murray County, Minnesota

Hat Trick Site & Roseau
County Substation Constraints

FIGURE 12 (September, 2022)



Data Source(s): Westwood (2022); ESRI WMS Imagery Basemap (Accessed 2021); U.S. Census Bureau (2020); MNDNR (2021); NLCD (2019).

Legend

- Hat Trick Site
- Major Road
- Municipal Boundary
- County Boundary

NLCD Land Cover

- Barren Land

- Cultivated Crops
- Deciduous Forest

- Developed, High Intensity
- Developed, Low Intensity

- Developed, Medium Intensity
- Developed, Open Space

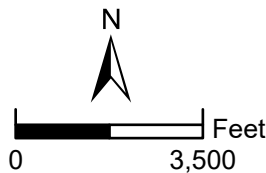
- Emergent Herbaceous Wetlands
- Evergreen Forest

- Hay/Pasture
- Herbaceous
- Mixed Forest
- Open Water

- Shrub/Scrub
- Woody Wetlands

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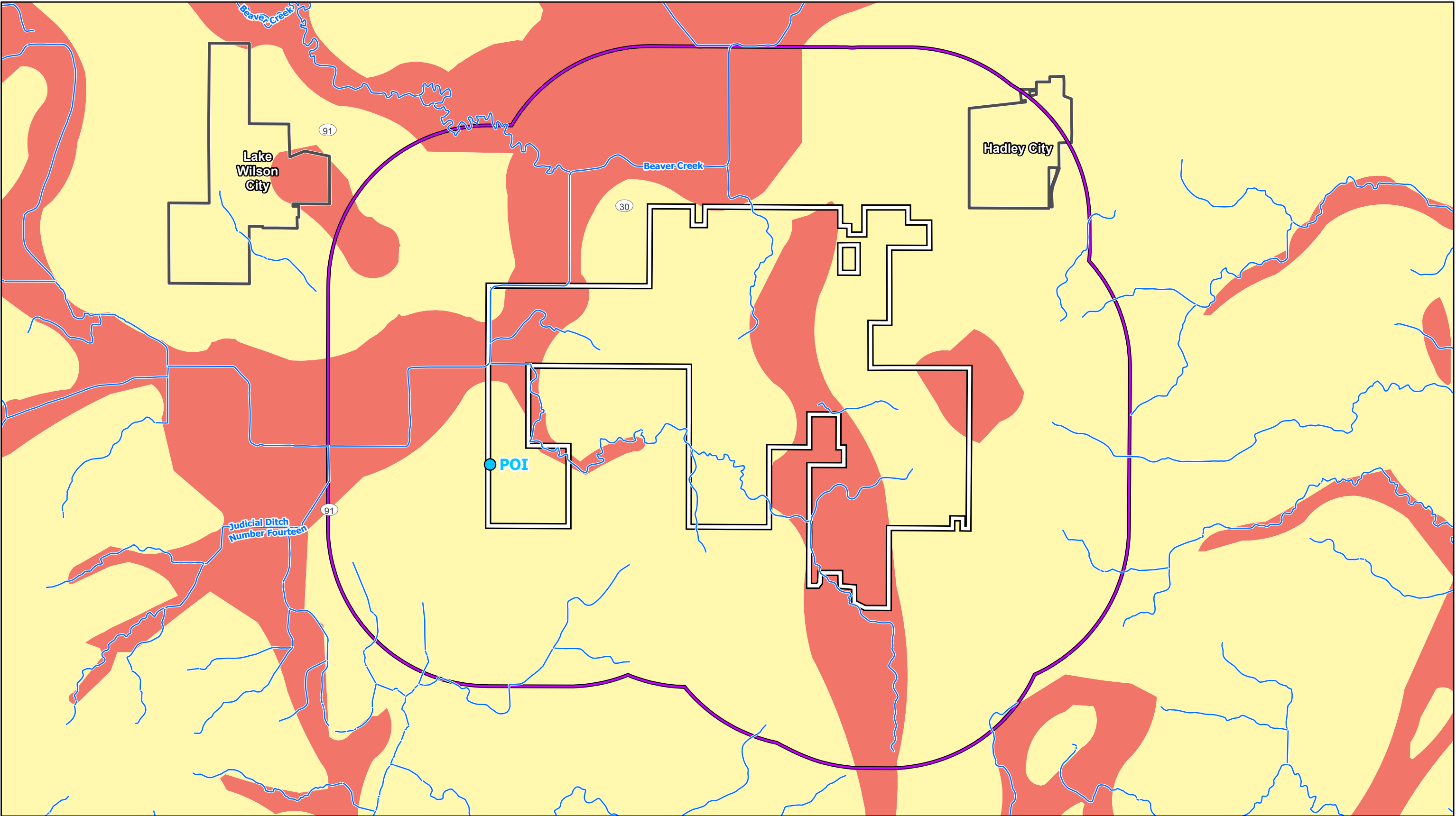


Lake Wilson Solar Project

Murray County, Minnesota

Hat Trick Site
Land Cover

FIGURE 12a (September, 2022)



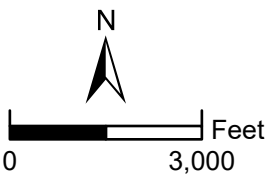
Data Source(s): Westwood (2022); NAIP (2019); U.S. Census Bureau (2020); MN Geospatial Commons (2021); MNDNR (2021); USGS NHD (2021).

Legend

- Project Area
- Project Area 1-Mile Buffer
- Project Point of Connection (POI)
- Municipal Boundary
- County Boundary
- NHD Flowline

Sensitivity Ratings: Estimated Travel Time for Water-Borne Surface Contaminants to Reach the Water Table

- Moderate - Years to Decades
- Very High - Hours to Months



Large Lake Wilson Solar Project

Murray County, Minnesota

Sensitivity of Surficial Aquifers to Pollution

FIGURE 13 (November, 2022)