

Data Source(s): Westwood (2021); Minnesota NAIP Imagery (2019); Census Bureau (2019); Conservation Biology Institute PAD-US (2016); MNDNR (Various Dates); Freeborn County, MN (2020).

Legend

- Project Area
- 5-Mile Project Area Buffer
- Municipal Boundary
- County Boundary
- ▲ Albert Lea/Austin KOA Campground
- Juglans Woods AMA
- Myre-Big Island State Park
- Albert Lea Lake
- Blazing Star State Trail
- Freeborn County Snowmobile Trail
- Major Road



Hayward Solar Project
Freeborn County, Minnesota

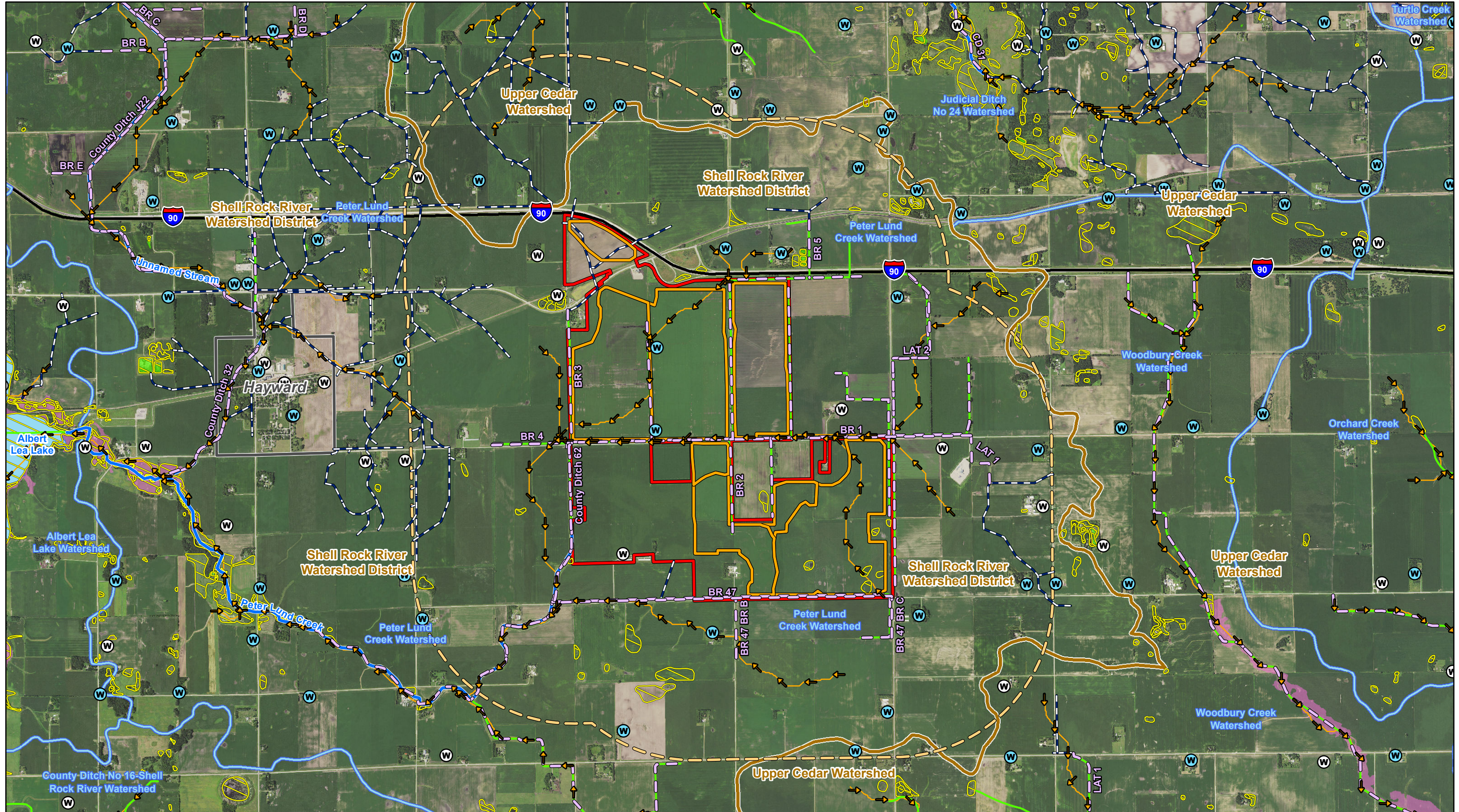
Recreation

FIGURE 8

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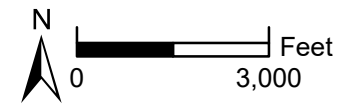
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Data Source(s): Westwood (2021); ESRI WMS World Imagery Basemap (Accessed 2020); Census Bureau (2019); U.S. Department of Agriculture, Natural Resources Conservation Service (2020); Minnesota Geological Survey & Department of Health County Well Index (2018).

Legend

- | | | | | |
|----------------------------|--------------------------|-------------------|-----------------|-------------------------------------|
| Project Area | Flow Direction Line | Drainage Ditch | PWI Watercourse | Located Well |
| 1-Mile Project Area Buffer | Hydro Drainage Area | Public Drain Tile | PWI Basin | Unlocated Well (Not Field Verified) |
| Major Road | Major Watershed Boundary | NWI Wetland | NHD Flowline | |
| Municipal Boundary | Minor Watershed Boundary | FEMA Floodplain | NHD Waterbody | |



Hayward Solar Project
Freeborn County, Minnesota

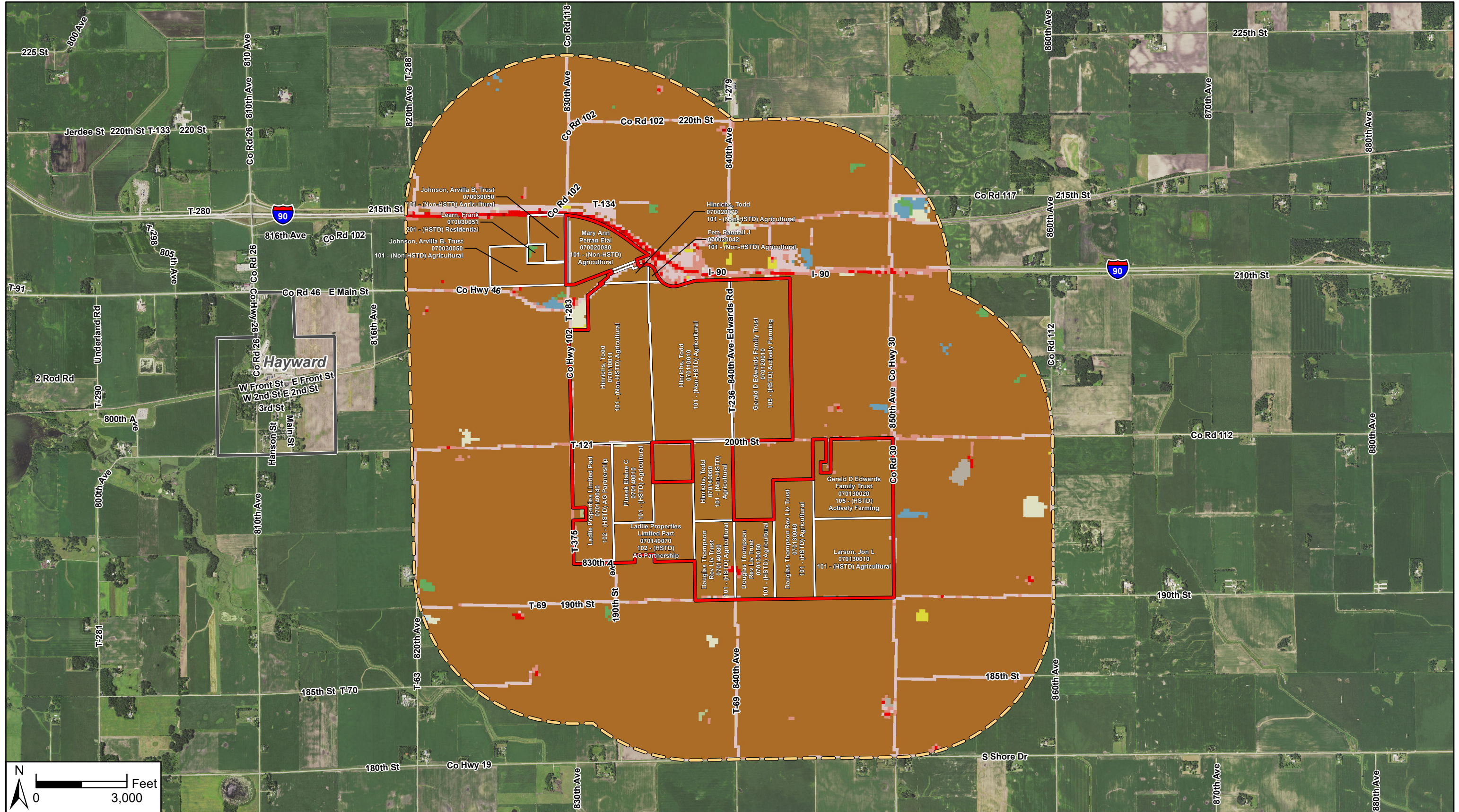
Water Resources & Wells

FIGURE 9

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Data Source(s): Westwood (2021); Minnesota NAIP Imagery (2019); Census Bureau (2019); U.S. Geological Survey (2016); Freeborn County, MN (2021).

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Legend

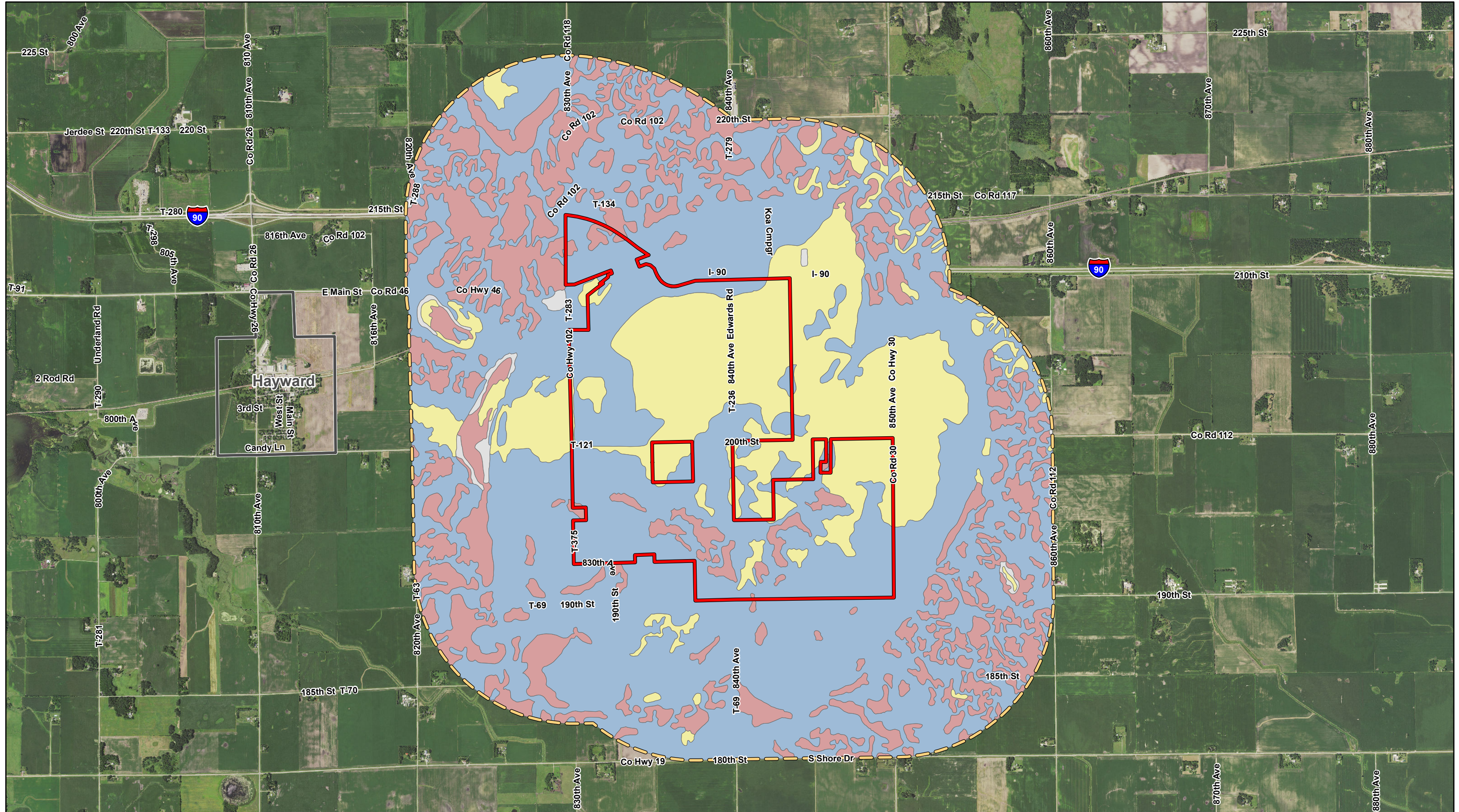
- Project Area
- Project Area Parcel
- 1-Mile Project Area Buffer

NLCD Land Cover Type (Percentage of Project Area)

- | | | |
|--|--|---|
| Cultivated Crops (96.64%) | Developed, Open Space (2.23%) | Deciduous Forest (0%) |
| Developed, Low Intensity (0.86%) | Hay/Pasture (0.02%) | Emergent Herbaceous Wetland (0%) |
| Developed, Medium Intensity (0.12%) | Herbaceous (0.12%) | Mixed Forest (0.01%) |
| Developed, High Intensity (0.0001%) | Barren Land (0%) | |



Hayward Solar Project
 Freeborn County, Minnesota

NLCD Land Cover & Zoning







Data Source(s): Westwood (2021); Minnesota NAIP Imagery (2019); Census Bureau (2019); U.S. Department of Agriculture, Natural Resources Conservation Service (2020).

Legend

-  Project Area
-  1-Mile Project Area Buffer
-  Municipal Boundary

Prime Farmland Classifications (Acreage & Percentage of Project Area)

-  All areas are prime farmland - 107.66 Acres (5.50%)
-  Farmland of statewide importance - 750.63 Acres (38.33%)
-  Prime farmland if drained - 1,100.10 Acres (56.17%)
-  Not prime farmland - 0 Acres (0%)



Westwood

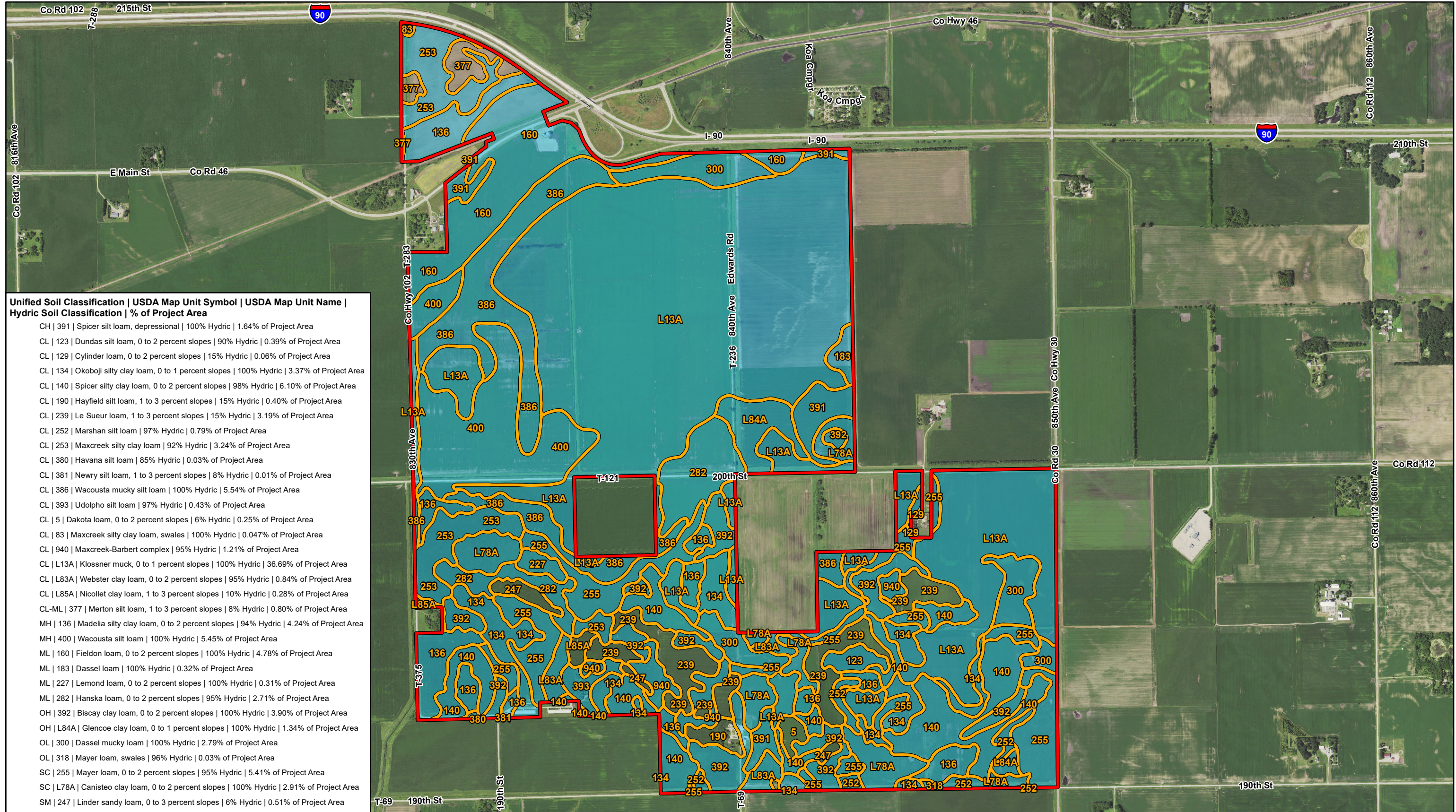
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Hayward Solar Project

Freeborn County, Minnesota

Prime Farmland & Farmland Classifications

FIGURE 11



**Unified Soil Classification | USDA Map Unit Symbol | USDA Map Unit Name |
Hydric Soil Classification | % of Project Area**

CH	391	Spicer silt loam, depressional	100% Hydric	1.64% of Project Area
CL	123	Dundas silt loam, 0 to 2 percent slopes	90% Hydric	0.39% of Project Area
CL	129	Cylinder loam, 0 to 2 percent slopes	15% Hydric	0.06% of Project Area
CL	134	Okoboji silty clay loam, 0 to 1 percent slopes	100% Hydric	3.37% of Project Area
CL	140	Spicer silty clay loam, 0 to 2 percent slopes	98% Hydric	6.10% of Project Area
CL	190	Hayfield silt loam, 1 to 3 percent slopes	15% Hydric	0.40% of Project Area
CL	239	Le Sueur loam, 1 to 3 percent slopes	15% Hydric	3.19% of Project Area
CL	252	Marshan silt loam	97% Hydric	0.79% of Project Area
CL	253	Maxcreek silty clay loam	92% Hydric	3.24% of Project Area
CL	380	Havana silt loam	85% Hydric	0.03% of Project Area
CL	381	Newry silt loam, 1 to 3 percent slopes	8% Hydric	0.01% of Project Area
CL	386	Wacousta mucky silt loam	100% Hydric	5.54% of Project Area
CL	393	Udolpho silt loam	97% Hydric	0.43% of Project Area
CL	5	Dakota loam, 0 to 2 percent slopes	6% Hydric	0.25% of Project Area
CL	83	Maxcreek silty clay loam, swales	100% Hydric	0.047% of Project Area
CL	940	Maxcreek-Barbert complex	95% Hydric	1.21% of Project Area
CL	L13A	Klossner muck, 0 to 1 percent slopes	100% Hydric	36.69% of Project Area
CL	L83A	Webster clay loam, 0 to 2 percent slopes	95% Hydric	0.84% of Project Area
CL	L85A	Nicollet clay loam, 1 to 3 percent slopes	10% Hydric	0.28% of Project Area
CL-ML	377	Merton silt loam, 1 to 3 percent slopes	8% Hydric	0.80% of Project Area
MH	136	Madelia silty clay loam, 0 to 2 percent slopes	94% Hydric	4.24% of Project Area
MH	400	Wacousta silt loam	100% Hydric	5.45% of Project Area
ML	160	Fieldon loam, 0 to 2 percent slopes	100% Hydric	4.78% of Project Area
ML	183	Dassel loam	100% Hydric	0.32% of Project Area
ML	227	Lemond loam, 0 to 2 percent slopes	100% Hydric	0.31% of Project Area
ML	282	Hanska loam, 0 to 2 percent slopes	95% Hydric	2.71% of Project Area
OH	392	Biscay clay loam, 0 to 2 percent slopes	100% Hydric	3.90% of Project Area
OH	L84A	Glencoe clay loam, 0 to 1 percent slopes	100% Hydric	1.34% of Project Area
OL	300	Dassel mucky loam	100% Hydric	2.79% of Project Area
OL	318	Mayer loam, swales	96% Hydric	0.03% of Project Area
SC	255	Mayer loam, 0 to 2 percent slopes	95% Hydric	5.41% of Project Area
SC	L78A	Canisteo clay loam, 0 to 2 percent slopes	100% Hydric	2.91% of Project Area
SM	247	Linder sandy loam, 0 to 3 percent slopes	6% Hydric	0.51% of Project Area

Data Source(s): Westwood (2021); Minnesota NAIP Imagery (2019); Census Bureau (2019); U.S. Department of Agriculture, Natural Resources Conservation Service (2021).

Legend

- Project Area
- Soil Unit Boundary
- All Hydric/Predominantly Hydric Soil



Hayward Solar Project
Freeborn County, Minnesota

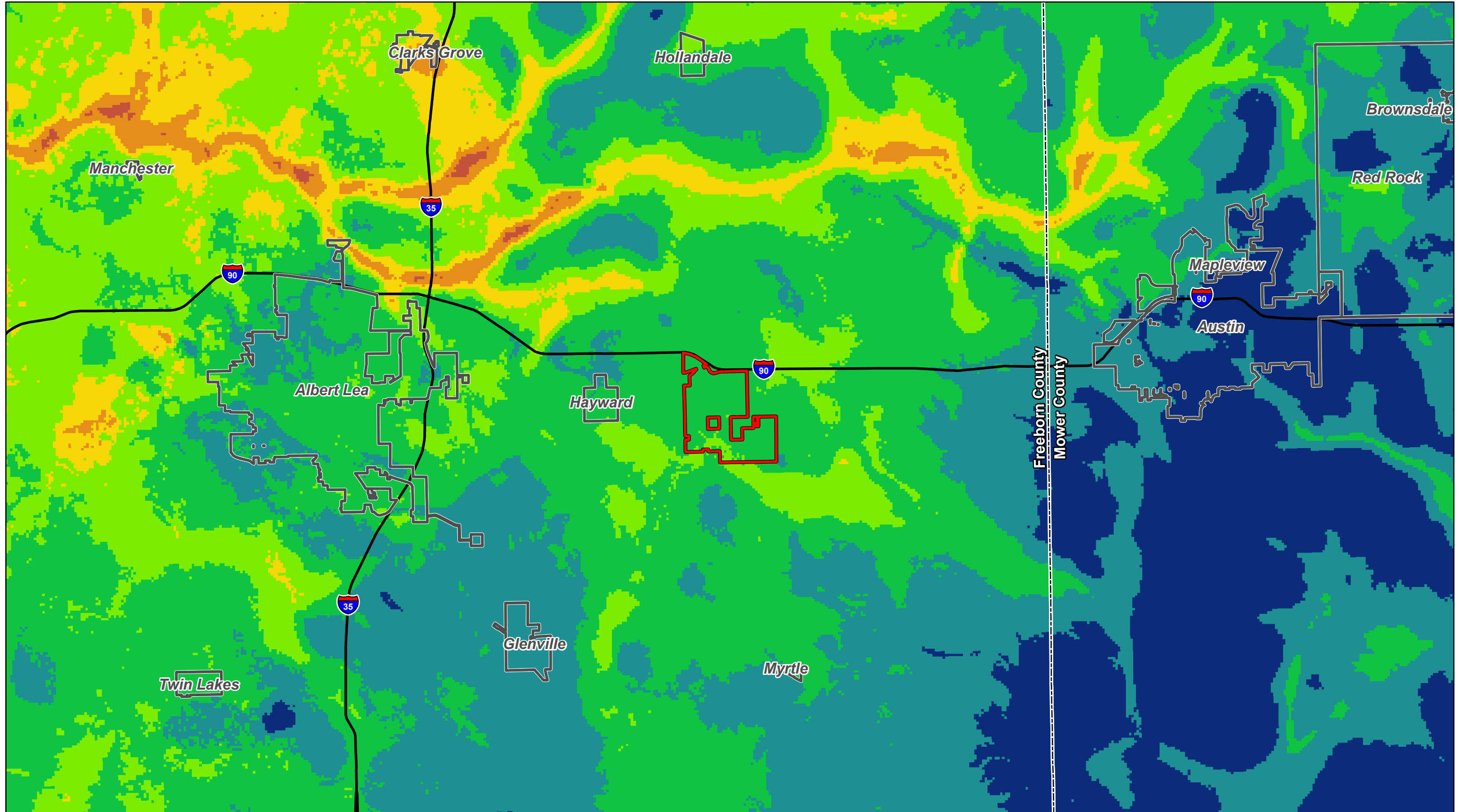
Hydric Soils

FIGURE 12

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Data Source(s): Westwood (2021); Census Bureau (2019); U.S. Geological Survey National Geological and Geophysical Data Preservation Program (2020).

Legend

- Project Area
- Municipal Boundary
- Major Highway
- County Boundary

Depth to Bedrock in Feet

	0 - 50		100 - 150		200 - 250
	50 - 100		150 - 200		250 - 300
	300 - 350				



Hayward Solar Project

Freeborn County, Minnesota

Depth To Bedrock

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