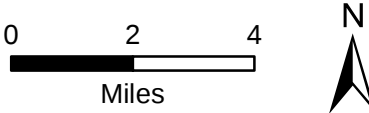
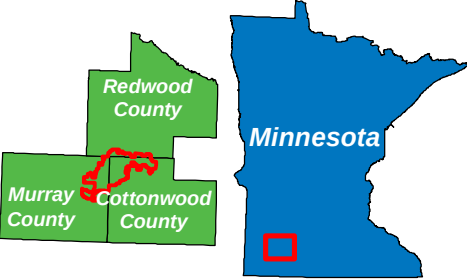
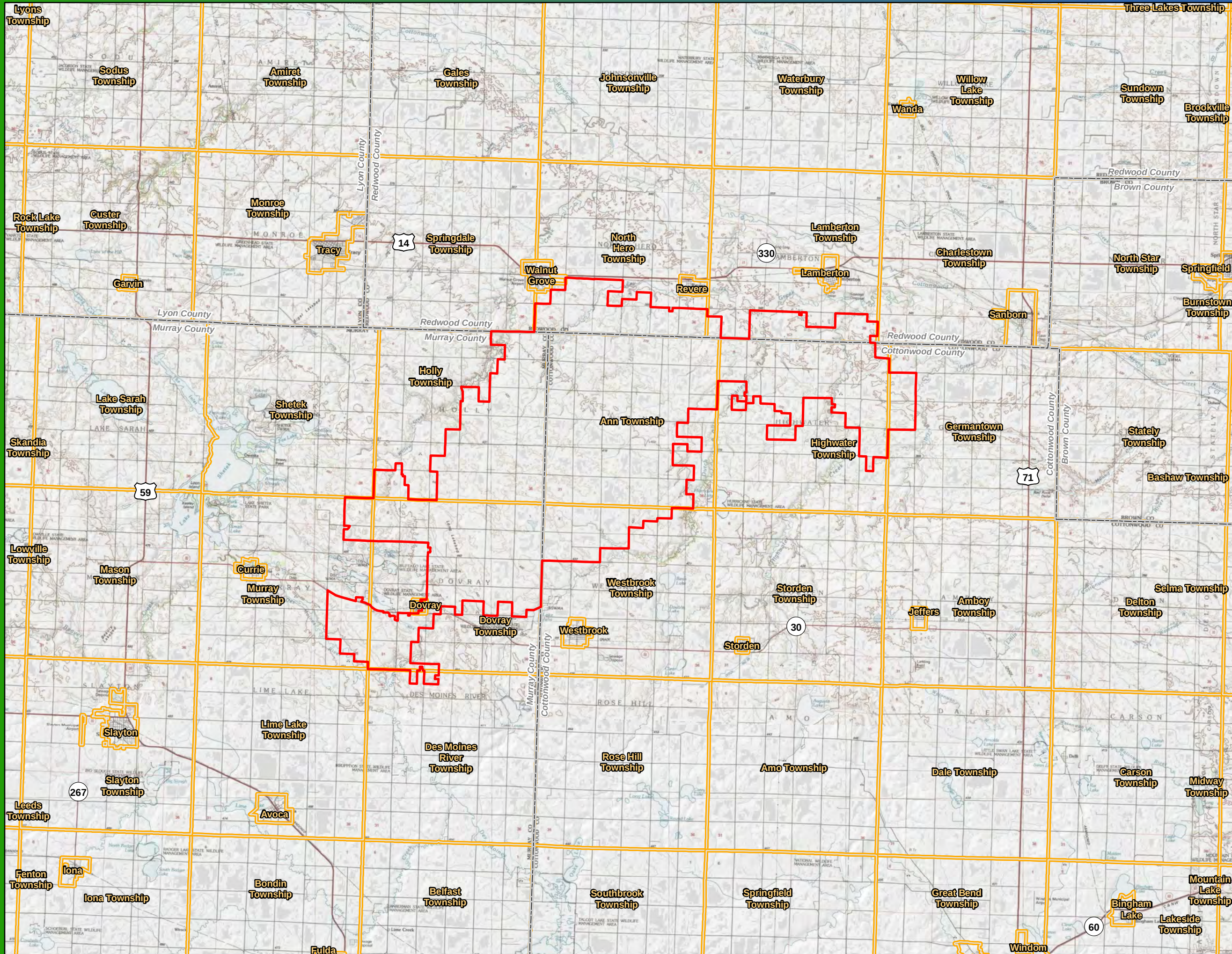


Figures

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Service Layer Credits: 2013 National Geographic Society, i-cubed
Data Source: Geronimo Energy, USGS, US Census

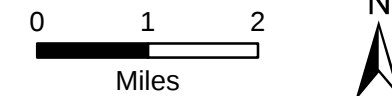
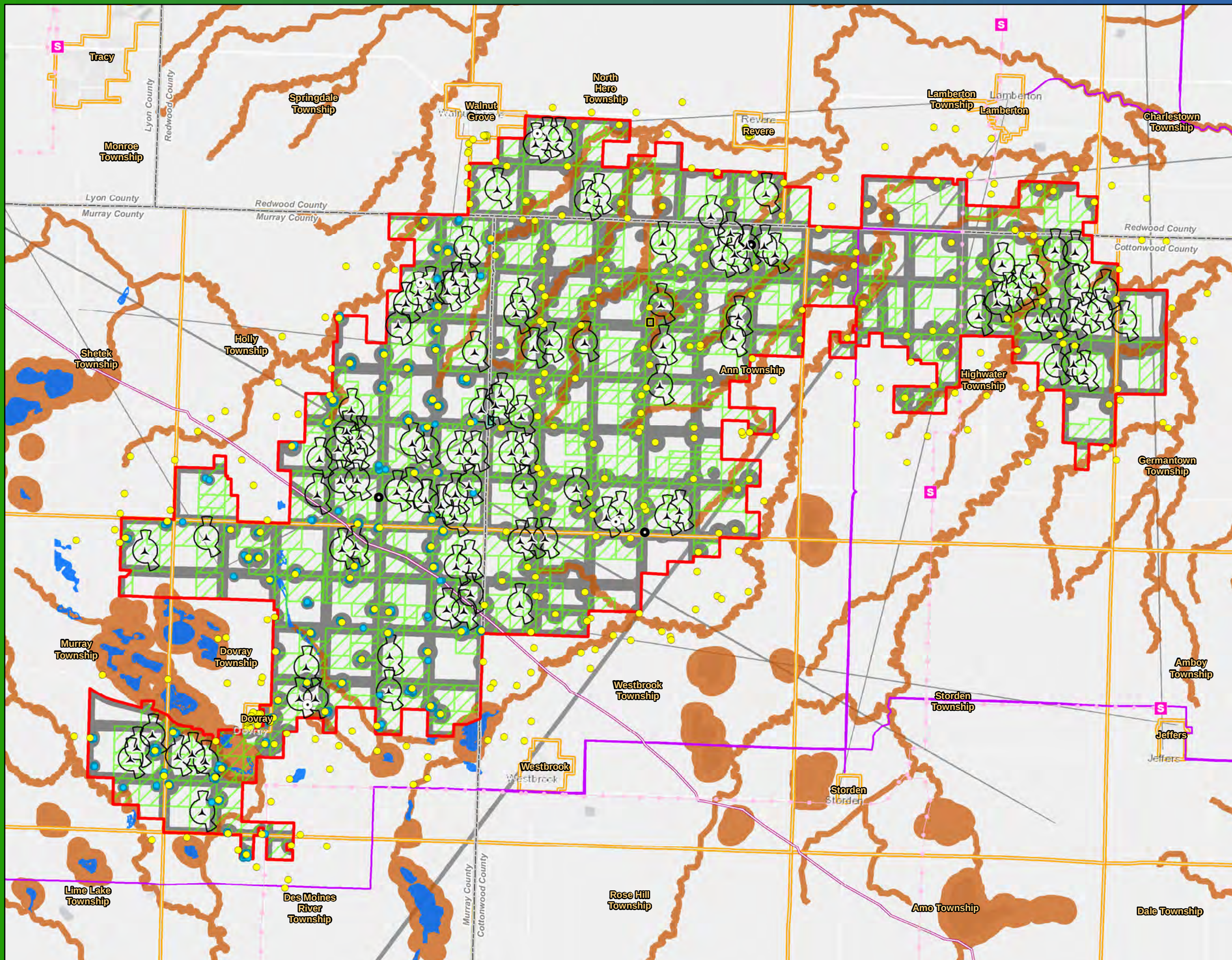
- Project Area Boundary
- City/Township
- County Boundary

Figure 1
Project Location

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census, MDNR, Redwood County, Murray County, Cottonwood County

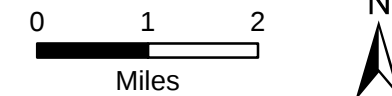
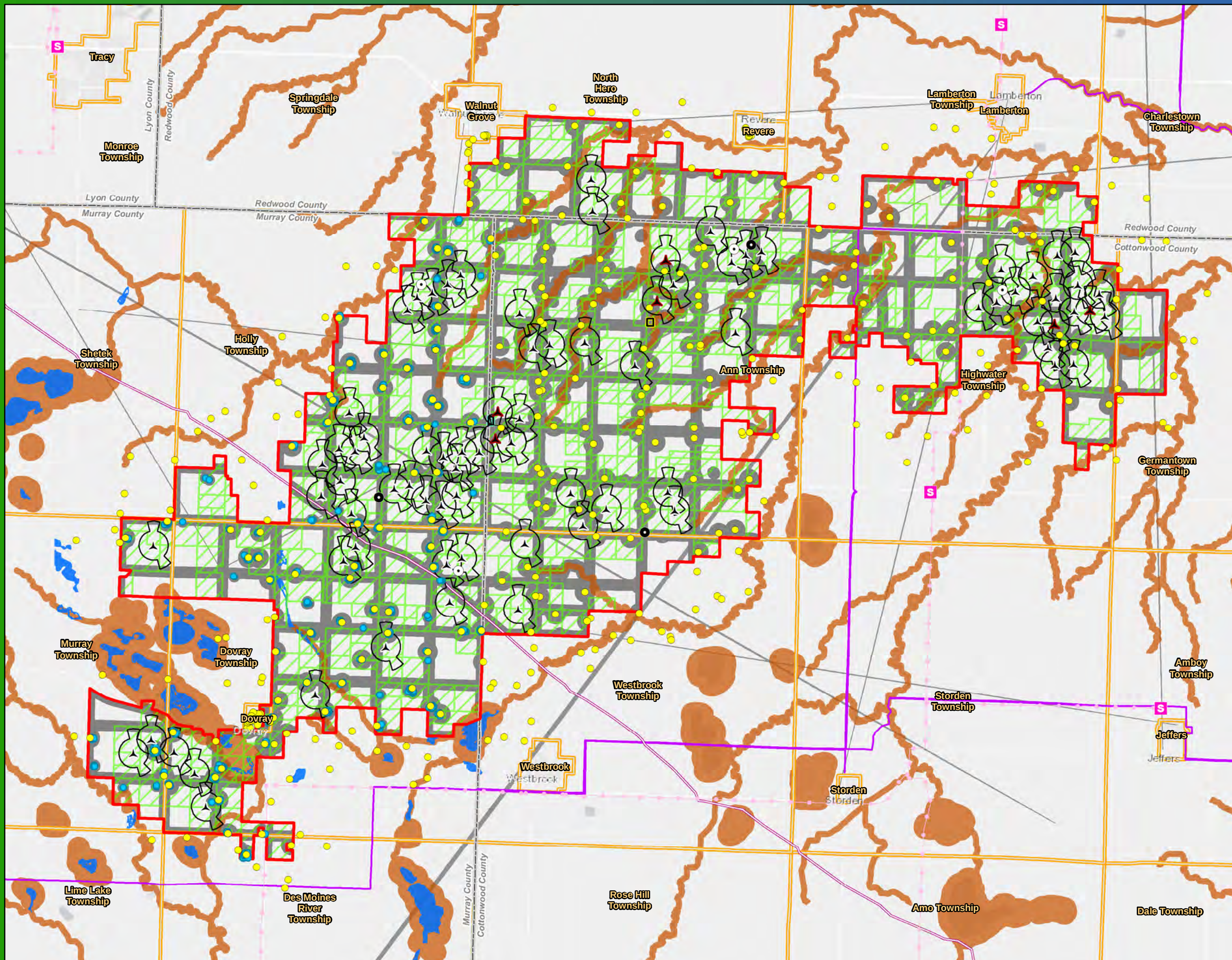
- GE 2.8-127 Proposed Turbine
- Residential Structure (within 1 mile of Project Area)
- Murray County Other Structure (Non-Residential)
- Permanent Met Tower
- Temporary Met Tower
- Existing Substation
- Existing Pipeline
- Existing Transmission Line
- Snowmobile Trail
- 3x5 Wind Access Buffer
- Project Area Boundary
- Collector Substation 1
- Collector Substation 2/ O&M Facility
- Landowner Participant in Project Area
- Setbacks (Roads, Powerlines, Pipelines, and Residences)
- Shoreland Area
- NWI Wetland (> 10.0 acres; Murray County)
- City/Township
- County Boundary
- *Turbines not to scale

Figure 2a
Turbine Layout and Constraints
GE 2.8-127

Plum Creek Wind Project

Redwood, Murray, and Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census, MDNR, Redwood County, Murray County, Cottonwood County

- ▲ V150 Proposed Turbine
- ▲ V150 Proposed Turbine
- Residential Structure (within 1 mile of Project Area)
- Murray County Other Structure (Non-Residential)
- Permanent Met Tower
- Temporary Met Tower
- S Existing Substation
- Existing Pipeline
- Existing Transmission Line
- Snowmobile Trail
- 3x5 Wind Access
- Project Area
- Collector Substation 1
- Collector Substation 2/ O&M Facility
- Landowner Participant in Project Area
- Setbacks (Roads, Powerlines, Pipelines, and Residences)
- Shoreland
- NWI Wetland (> 10.0 acres; Murray County)
- City/Township
- County Boundary

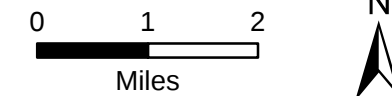
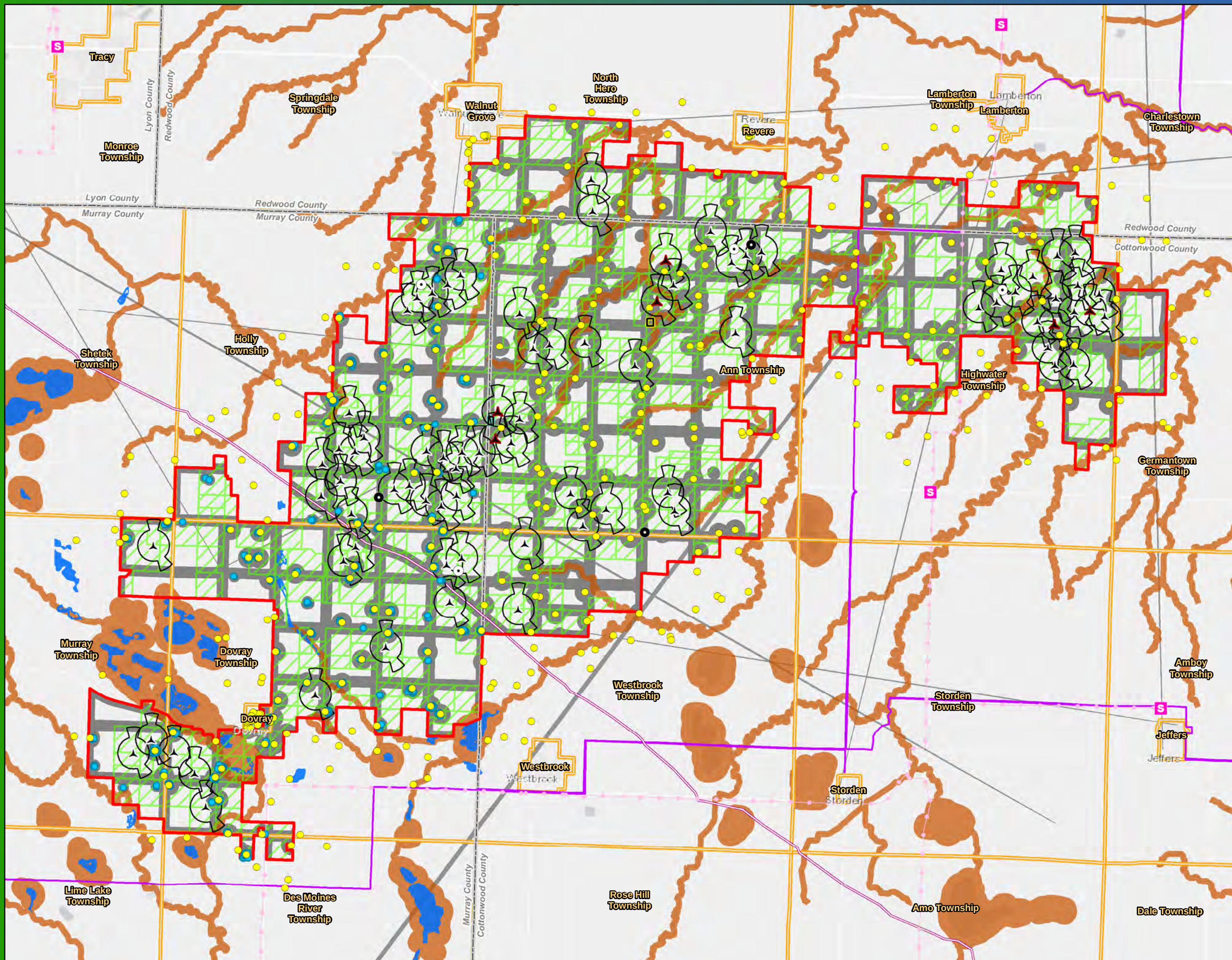
*Turbines not to scale

Figure 2b
Turbine Layout and
Constraints
Vestas V150

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census, MDNR, Redwood County, Murray County, Cottonwood County

- ▲ V162 Proposed Turbine
- ▲ V162 Proposed Turbine
- Residential Structure (within 1 mile of Project Area)
- Murray County Other Structure (Non-Residential)
- Permanent Met
- Temporary Met
- Existing Substation
- Existing Pipeline
- Existing Transmission
- Snowmobile Trail
- 3x5 Wind Access
- Project Area Boundary
- Collector Substation 1
- Collector Substation 2/ O&M Facility
- ▨ Landowner Participant in Project Area
- Setbacks (Roads, Powerlines, Pipelines, and Residences)
- Shoreland
- NWI Wetland (> 10.0 acres; Murray County)
- City/Township
- County Boundary

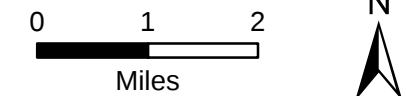
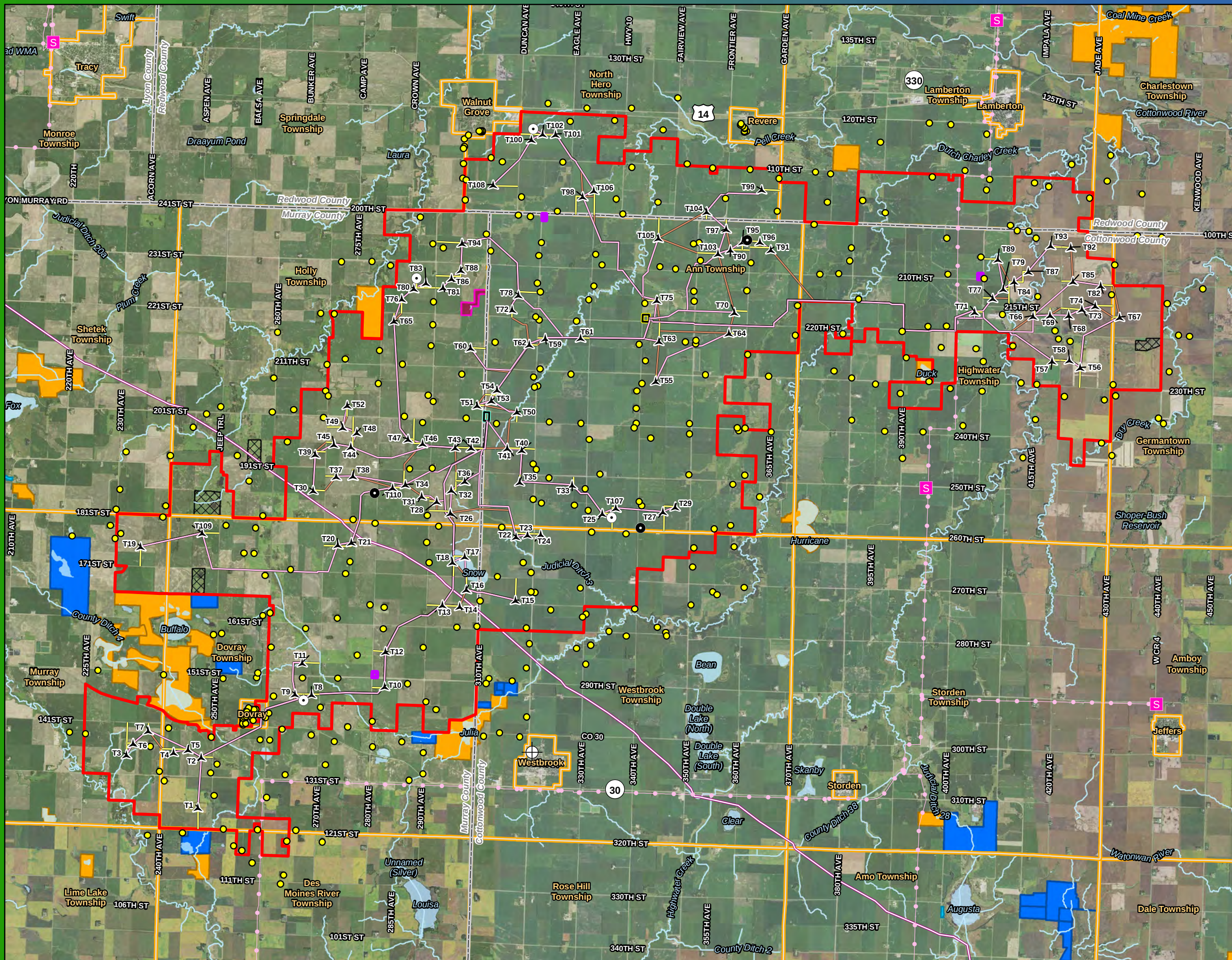
*Turbines not to scale

Figure 2c
Turbine Layout and Constraints
Vestas V162

Plum Creek Wind Project

Redwood, Murray, and Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census, MDNR, ESRI, USFWS,

- GE 2.8-127 Proposed Turbine
- Permanent Met Tower
- Temporary Met Tower
- Residential Structure (within 1 mile of Project Area)
- Heliport
- Existing Substation
- Access Road
- Collection Line
- Crane Path
- Existing Pipeline
- Existing Transmission Line
- Laydown
- Collector Substation 1
- Collector Substation 2/ O&M Facility
- Project Area Boundary
- City/Township
- County Boundary
- River/Stream
- Lake, Pond or Reservoir
- Minnesota Walk-In Hunting Access Sites
- National Wildlife Refuge
- Waterfowl Production
- Wildlife Management Area
- Aquatic Management Area

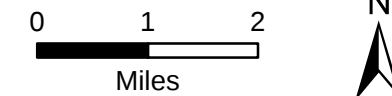
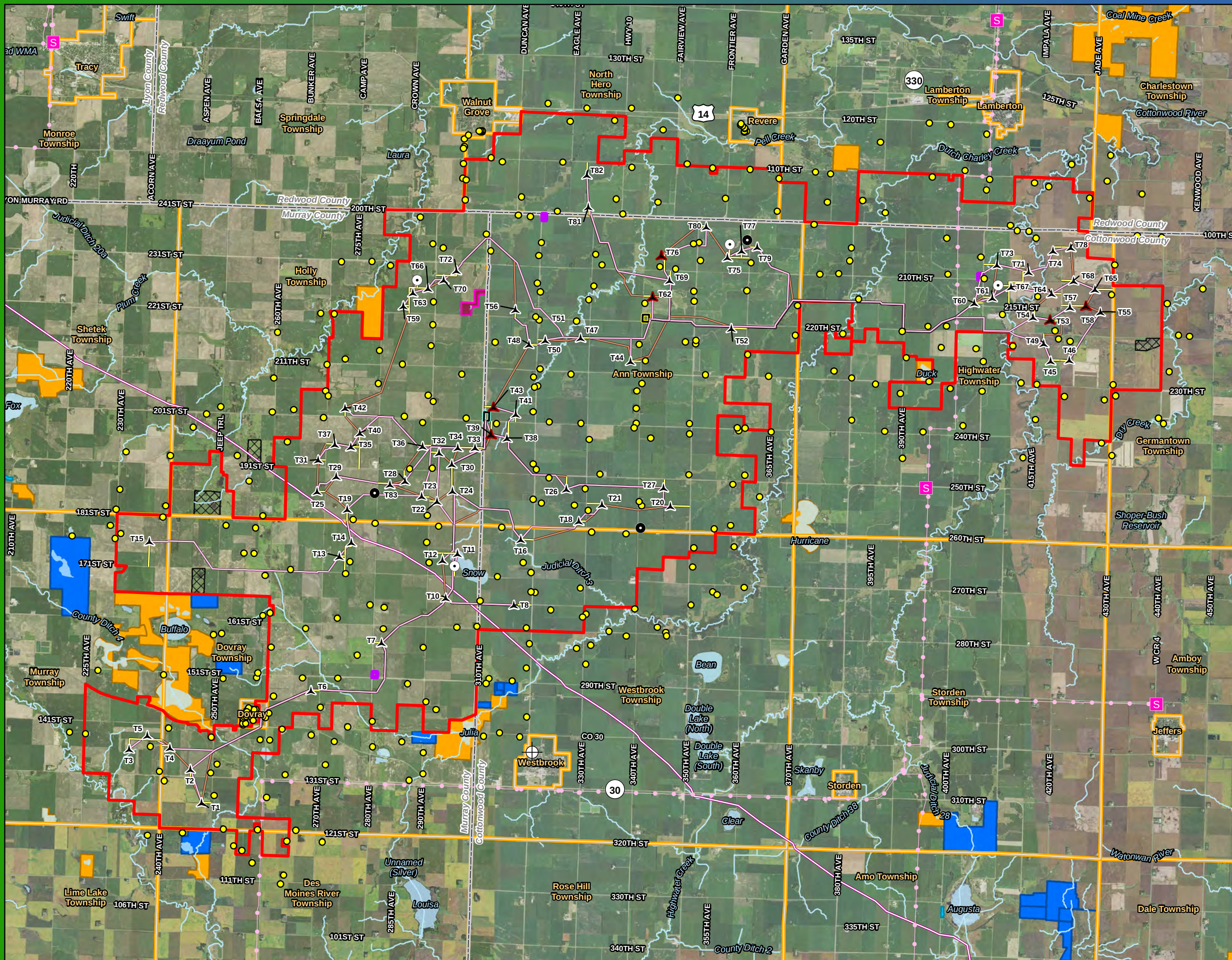
*Turbines not to scale

Figure 3a
Project Area and Facilities
GE 2.8-127

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census, MDNR, ESRI, USFWS,

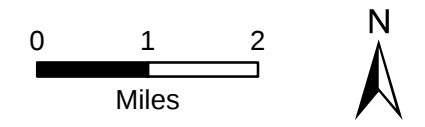
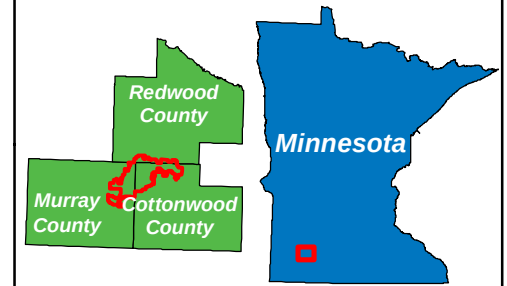
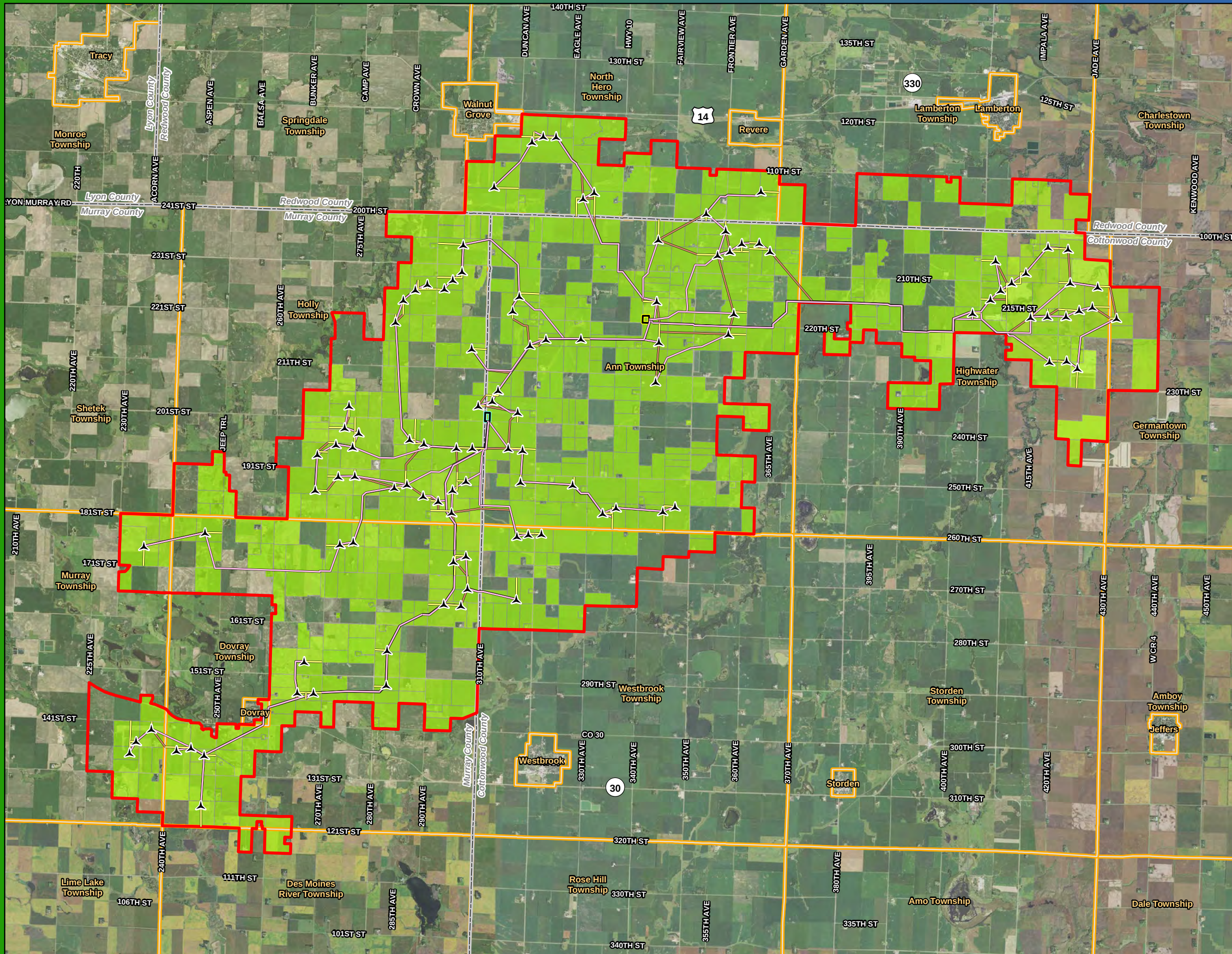
- ▲ V150/V162 Proposed Turbine (Primary)
 - ▲ V150/V162 Proposed Turbine (Alternate)
 - Permanent Met Tower
 - Temporary Met Tower
 - Residential Structure (within 1 mile of Project Area)
 - ✈ Heliport
 - Ⓢ Existing Substation
 - Existing Pipeline
 - Existing Transmission Line
 - Laydown Area
 - Collector Substation 1
 - Collector Substation 2/ O&M Facility
 - Project Area
 - City/Township
 - County Boundary
 - River/Stream
 - Lake, Pond or Reservoir
 - ⊠ Minnesota Walk-In Hunting Access Sites
 - National Wildlife Refuge
 - Waterfowl Production
 - Wildlife Management Area (WMA)
 - Aquatic Management Area (AMA)
- *Turbines not to scale

Figure 3b
Project Area and Facilities
Vestas V150/V162

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census, MDNR

- ▲ GE 2.8-127 Proposed Turbine
- Access Road
- Collection Line
- Crane Path
- Collector Substation 1
- Collector Substation 2/
O&M Facility
- ▭ Project Area Boundary
- Landowner Participant in
Project Area
- ▭ City/Township
- ▭ County Boundary

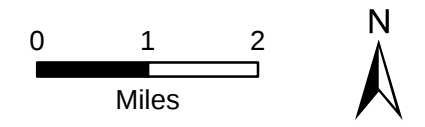
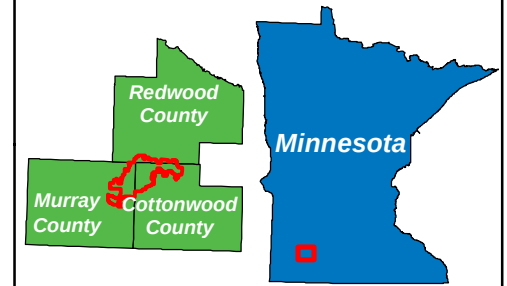
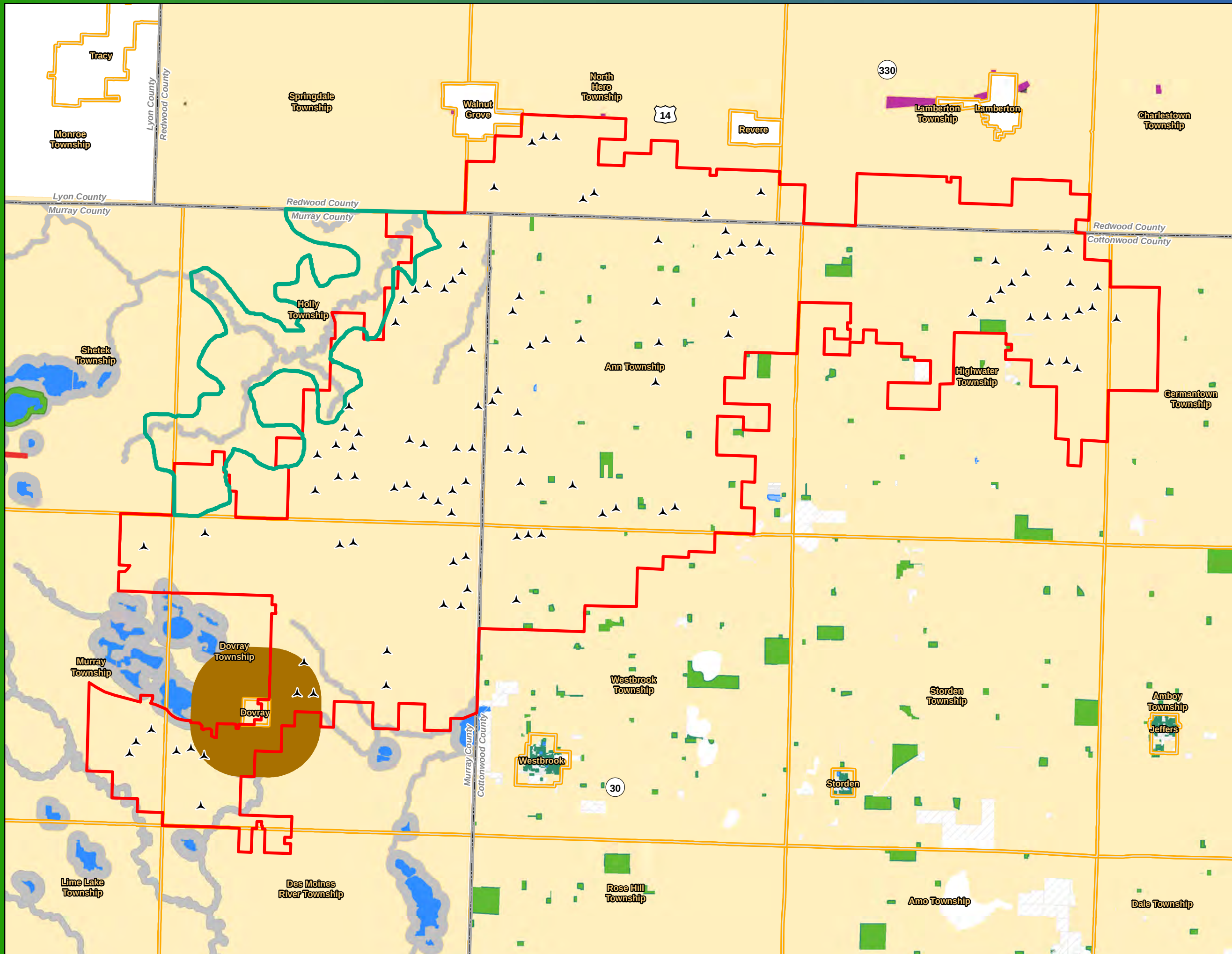
*Turbines not to scale

Figure 4a
Land Ownership
GE 2.8-127

Plum Creek Wind Project

**Redwood, Murray, and
Cottonwood Counties, MN**





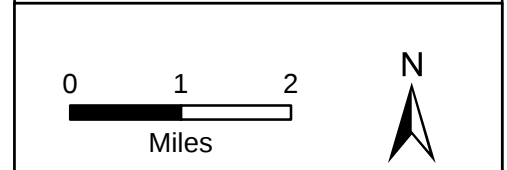
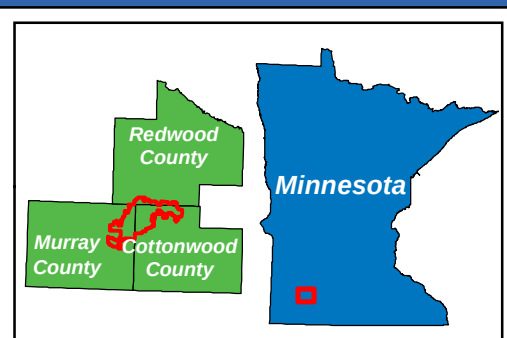
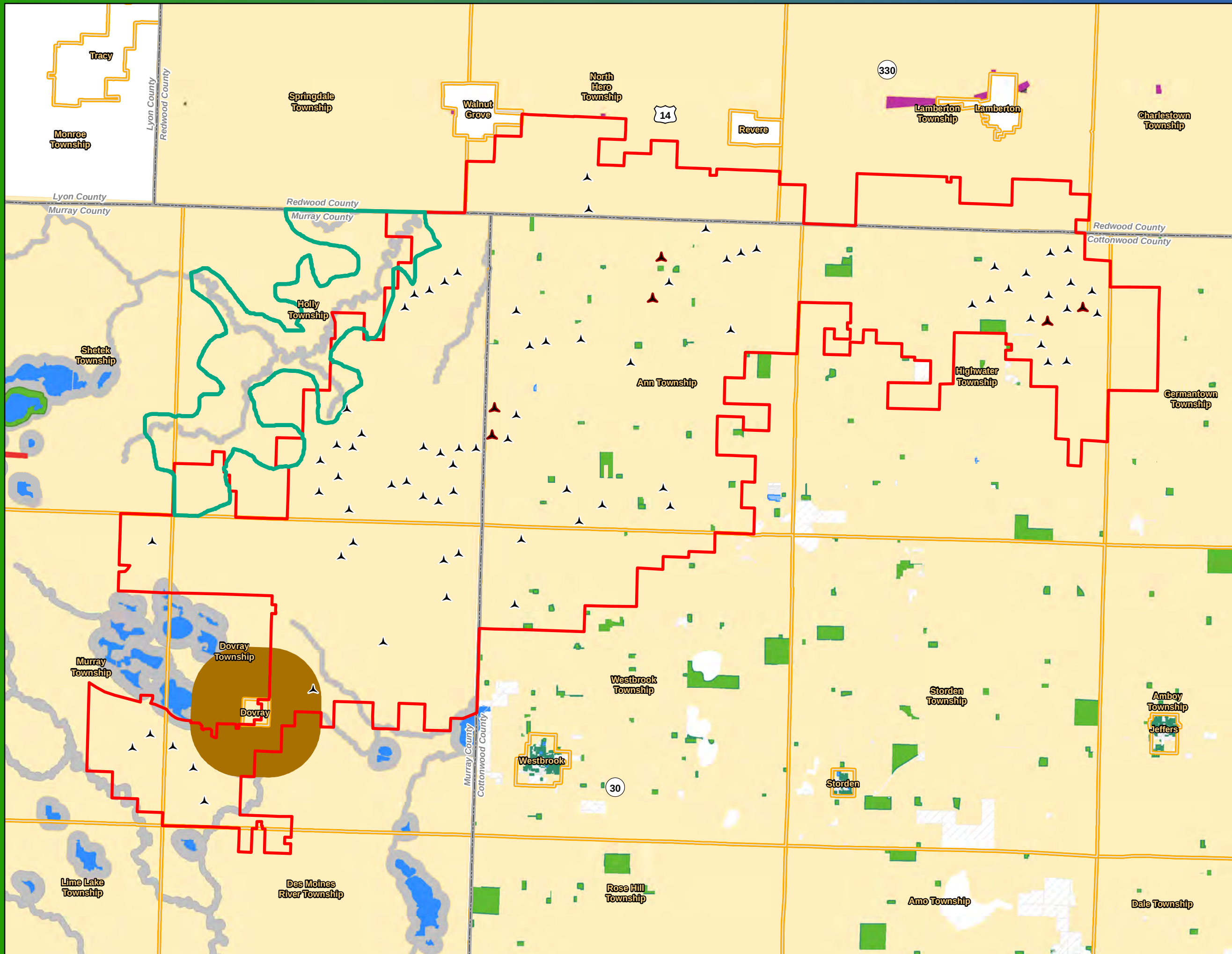
Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, USGS, US Census, MDNR, Cottonwood County, Murray County, Redwood County

- ▲ GE 2.8-127 Proposed Turbine
 - ▭ Project Area Boundary
 - ▭ City/Township
 - ▭ County Boundary
 - Cottonwood County Zoning**
 - Agricultural
 - Church Prop-Sanc & ED FA
 - Residential - Single Unit
 - Zoning Category Outside Project Area
 - Redwood County Zoning**
 - Agricultural
 - Highway Service
 - Limited Industry
 - Murray County Zoning**
 - Agricultural
 - Commercial District
 - DNR Public Water Basin
 - Residential Area
 - Special Protection
 - Murray County Future Planning**
 - 1-Mile Buffer Around City
 - Conservation Core Area
- *Turbines not to scale

Figure 5a
Zoning Map
GE 2.8-127

Plum Creek Wind Project
Redwood, Murray, and
Cottonwood Counties, MN





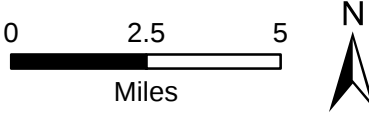
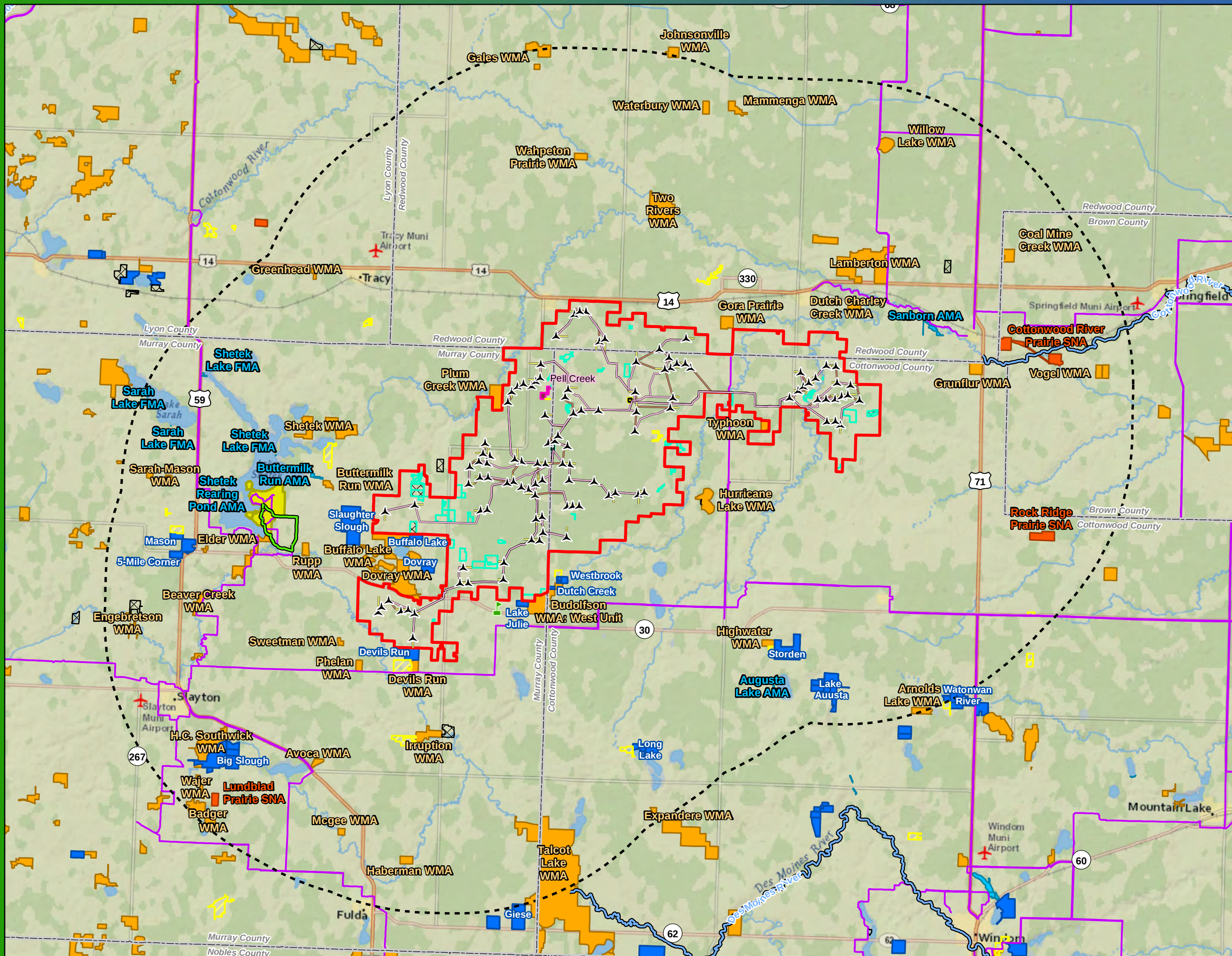
Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, USGS, US Census, MDNR, Cottonwood County, Murray County, Redwood County

- ▲ V150/V162 Proposed Turbine (Primary)
 - ▲ V150/V162 Proposed Turbine (Alternate)
 - ▭ Project Area Boundary
 - ▭ City/Township
 - ▭ County Boundary
 - Cottonwood County Zoning**
 - ▭ Agricultural
 - ▭ Church Prop-Sanc & ED FA
 - ▭ Residential - Single Unit
 - ▭ Zoning Category Outside Project Area
 - Redwood County Zoning**
 - ▭ Agricultural
 - ▭ Highway Service
 - ▭ Limited Industry
 - Murray County Zoning**
 - ▭ Agricultural
 - ▭ Commercial District
 - ▭ DNR Public Water Basin
 - ▭ Residential Area
 - ▭ Special Protection
 - Murray County Future Planning**
 - ▭ 1-Mile Buffer Around City
 - ▭ Conservation Core Area
- *Turbines not to scale

Figure 5b
Zoning Map
Vestas V150/V162

Plum Creek Wind Project

Redwood, Murray, and Cottonwood Counties, MN



Service Layer Credits: National Geographic World Map
Data Source: Geronimo Energy, USGS, US Census, MDNR, ESRI, USFWS, MN BWSR, MNDOT

- ▲ GE 2.8-127 Proposed Turbine
- Access Road
- Collection Line
- Crane Path
- Minnesota Water Trail
- Minnesota State Trail
- Snowmobile Trail
- Collector Substation 1
- Collector Substation 2/ O&M Facility
- Project Area Boundary
- 10 Mile Buffer
- Rolling Hills Golf Course
- Minnesota Walk-In Hunting Access Site
- US Fish and Wildlife Easement
- National Wildlife Refuge
- Waterfowl Production Area
- Scientific & Natural Area (SNA)
- State Park
- Wildlife Management Area (WMA)
- Aquatic Management Area (AMA)
- CREP and RIM Easement
- County Boundary

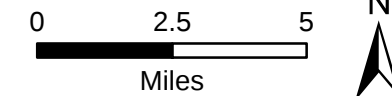
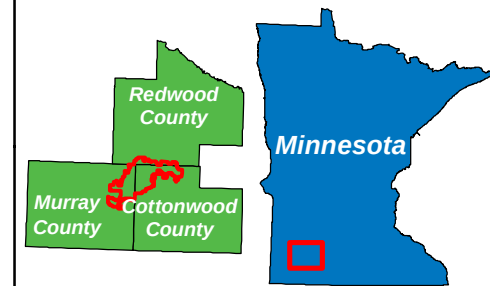
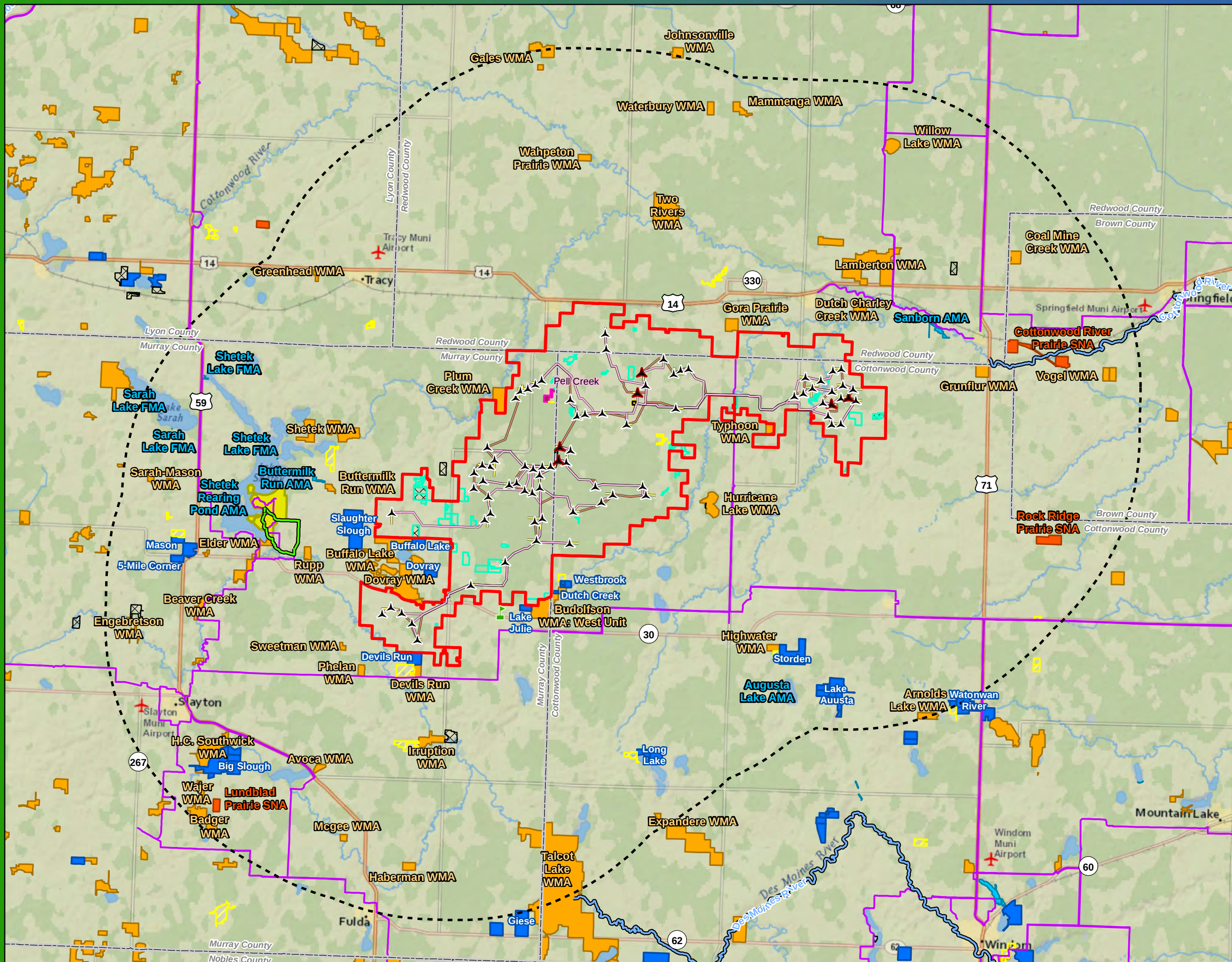
*Turbines not to scale

Figure 6a
Public Land Ownership
and Recreation
GE 2.8-127

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: National Geographic World Map
Data Source: Geronimo Energy, USGS, US Census, MGNR, ESRI
USFWS, MN BWSR, MNDOT

- ▲ V150/V162 Proposed Turbine (Primary)
- ▲ V150/V162 Proposed Turbine (Alternate)
- Access Road
- Collection Line
- Crane Path
- Minnesota Water Trail
- Minnesota State Trail
- Snowmobile Trail
- Collector Substation 1
- Collector Substation 2/
O&M Facility
- Project Area Boundary
- 10 Mile Buffer
- 🏌️ Rolling Hills Golf Course
- ⊠ Minnesota Walk-In Hunting Access Site
- ▨ US Fish and Wildlife Easement
- National Wildlife Refuge
- Waterfowl Production Area
- Scientific & Natural Area (SNA)
- State Park
- Wildlife Management Area (WMA)
- Aquatic Management Area (AMA)
- CREP and RIM Easement
- County Boundary

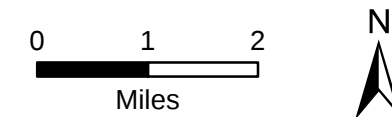
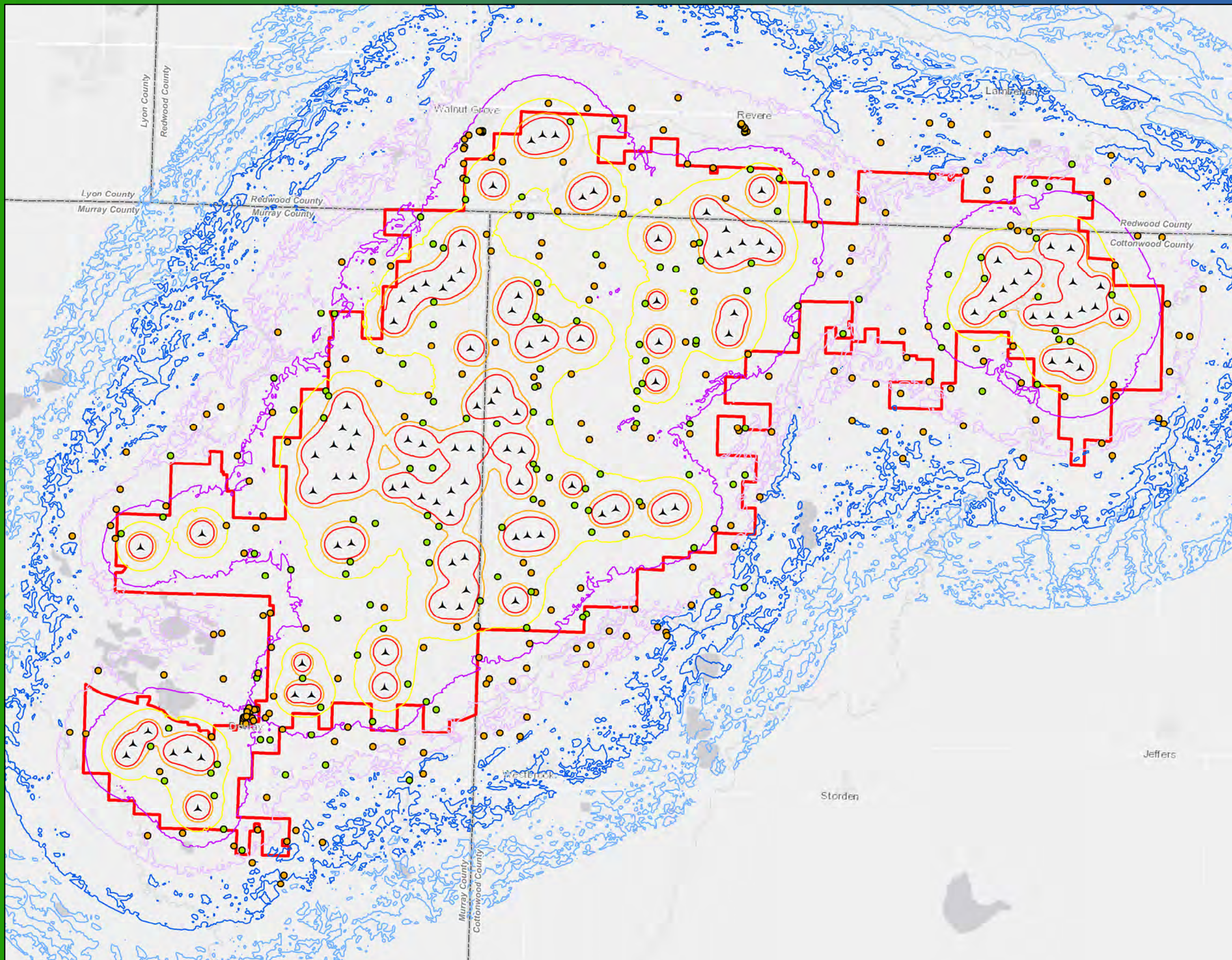
*Turbines not to scale

Figure 6b
Public Land Ownership
and Recreation
Vestas V150/V162

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census

- ▲ GE 2.8-127 Proposed Turbine
- ▭ Project Area Boundary
- Residential Structure (within 1 mile of Project Area)**
- Participant
- Non-Participant
- Sound Pressure Levels (Turbine Only)**
- 20 dBa
- 25 dBa
- 30 dBa
- 35 dBa
- 40 dBa
- 45 dBa
- 47 dBa

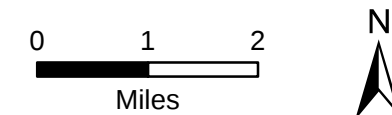
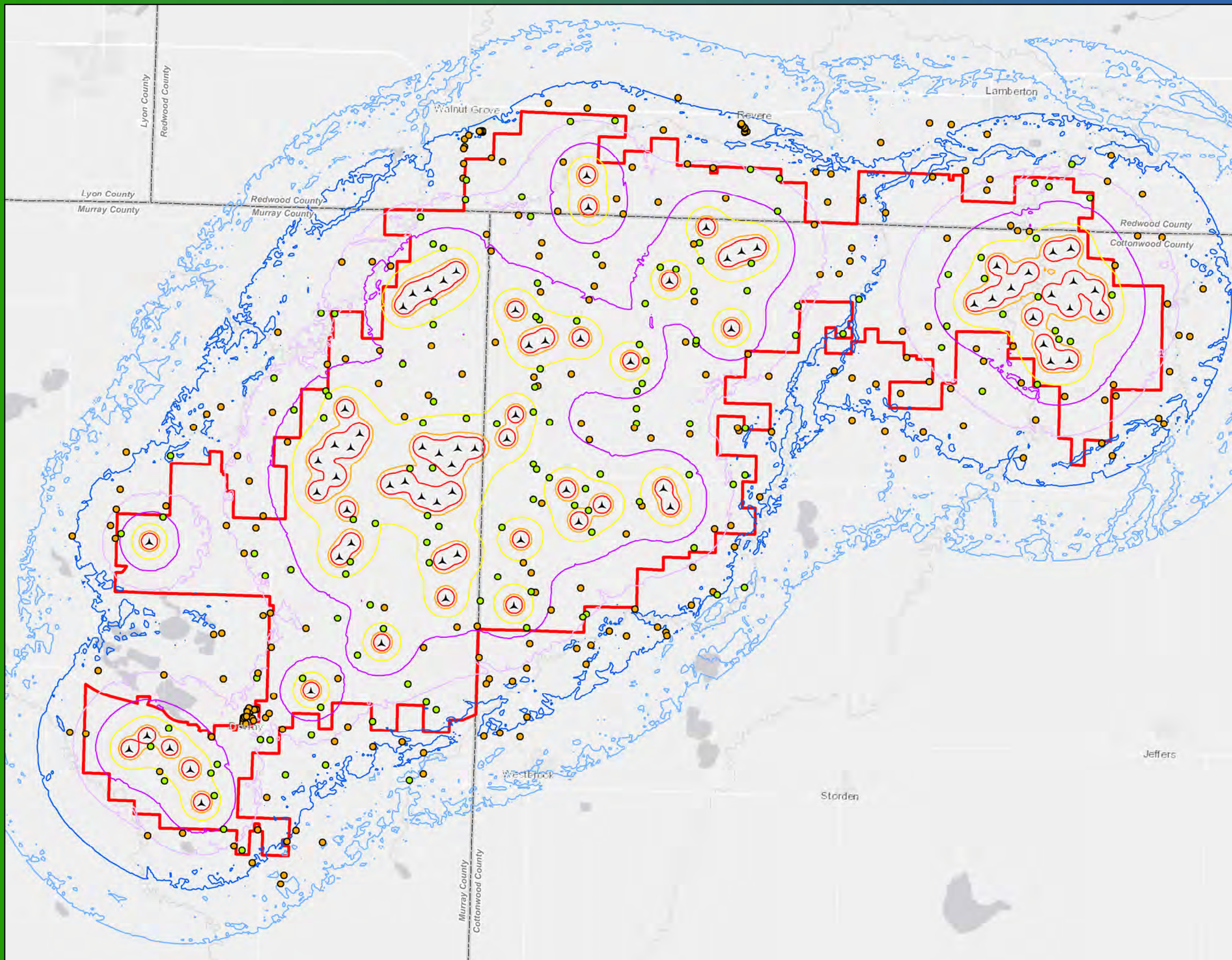
*Turbines not to scale

Figure 7a
Sound/Noise
GE 2.8-127

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census

- ▲ V150 Proposed Turbine
- Project Area Boundary
- Residential Structure (within 1 mile of Project Area)**
 - Participant
 - Non-Participant
- Sound Pressure Levels (Turbine Only)**
 - 20 dBA
 - 25 dBA
 - 30 dBA
 - 35 dBA
 - 40 dBA
 - 45 dBA
 - 47 dBA

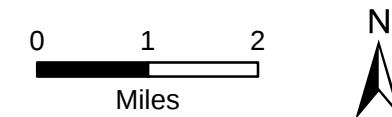
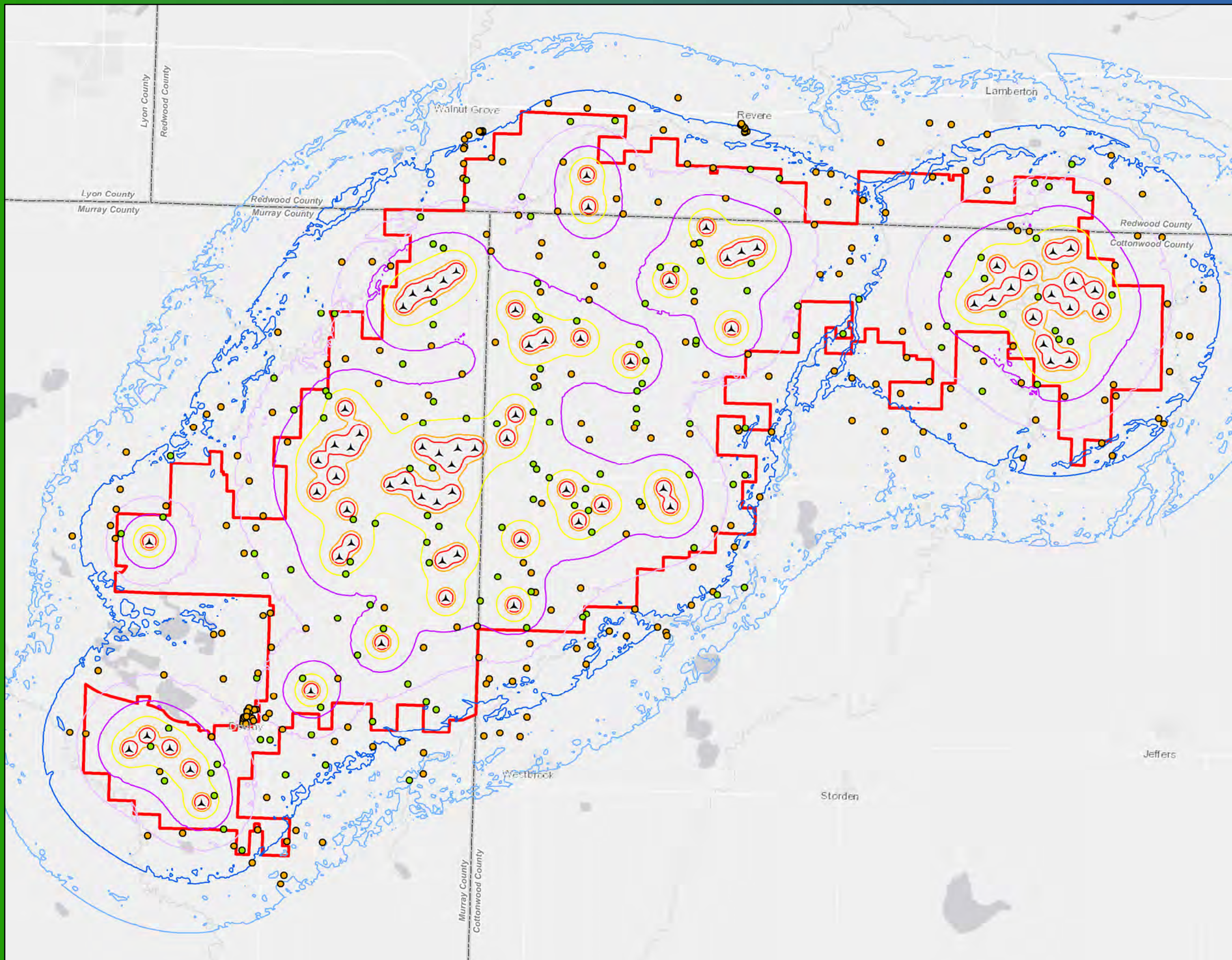
*Turbines not to scale

Figure 7b
Sound/Noise
Vestas V150

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: MNGeo, FSA 2017
Data Source: Geronimo Energy, US Census

- ▲ V162 Proposed Turbine
- Project Area Boundary
- Residential Structure (within 1 mile of Project Area)
- Participant
- Non-Participant
- Sound Pressure Levels (Turbine Only)
- 20 dBA
- 25 dBA
- 30 dBA
- 35 dBA
- 40 dBA
- 45 dBA
- 47 dBA

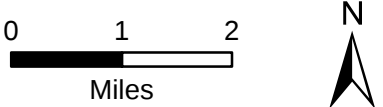
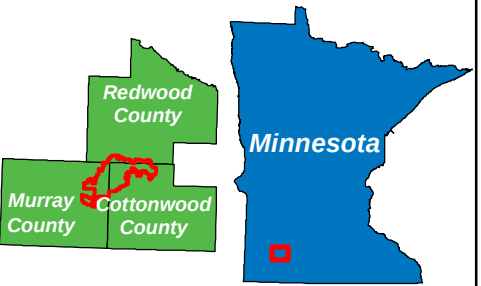
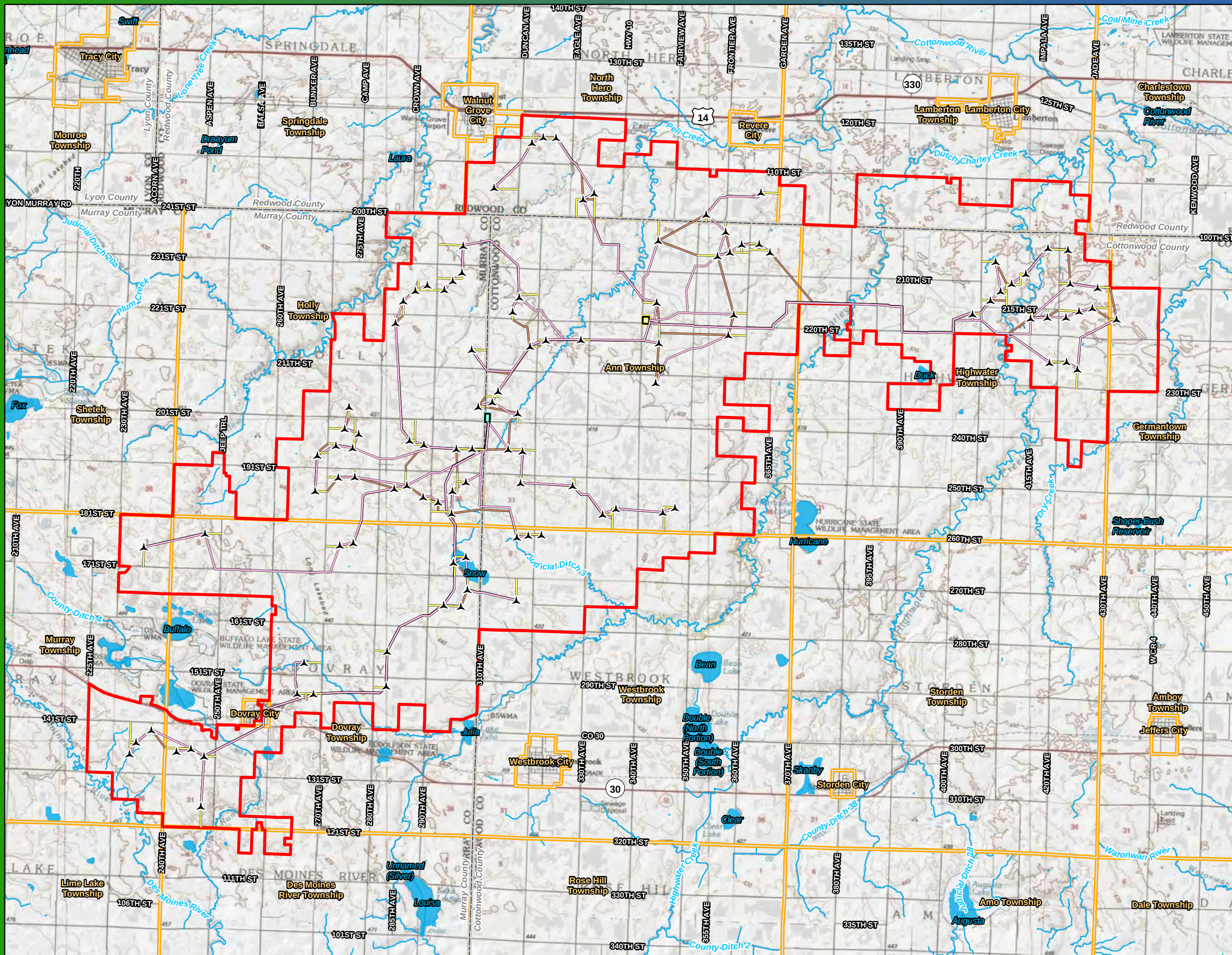
*Turbines not to scale

Figure 7c
Sound/Noise
Vestas V162

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: 2013 National Geographic Society, i-cubed
Data Source: Geronimo Energy, USGS, US Census, MDNR

- ▲ GE 2.8-127 Proposed Turbine
- Access Road
- Collection Line
- Crane Path
- Collector Substation 1
- Collector Substation 2/
O&M Facility
- ▭ Project Area Boundary
- ▭ City/Township
- ▭ County Boundary
- River/Stream
- Lake, Pond or Reservoir

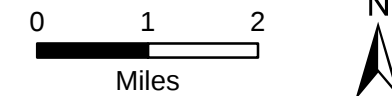
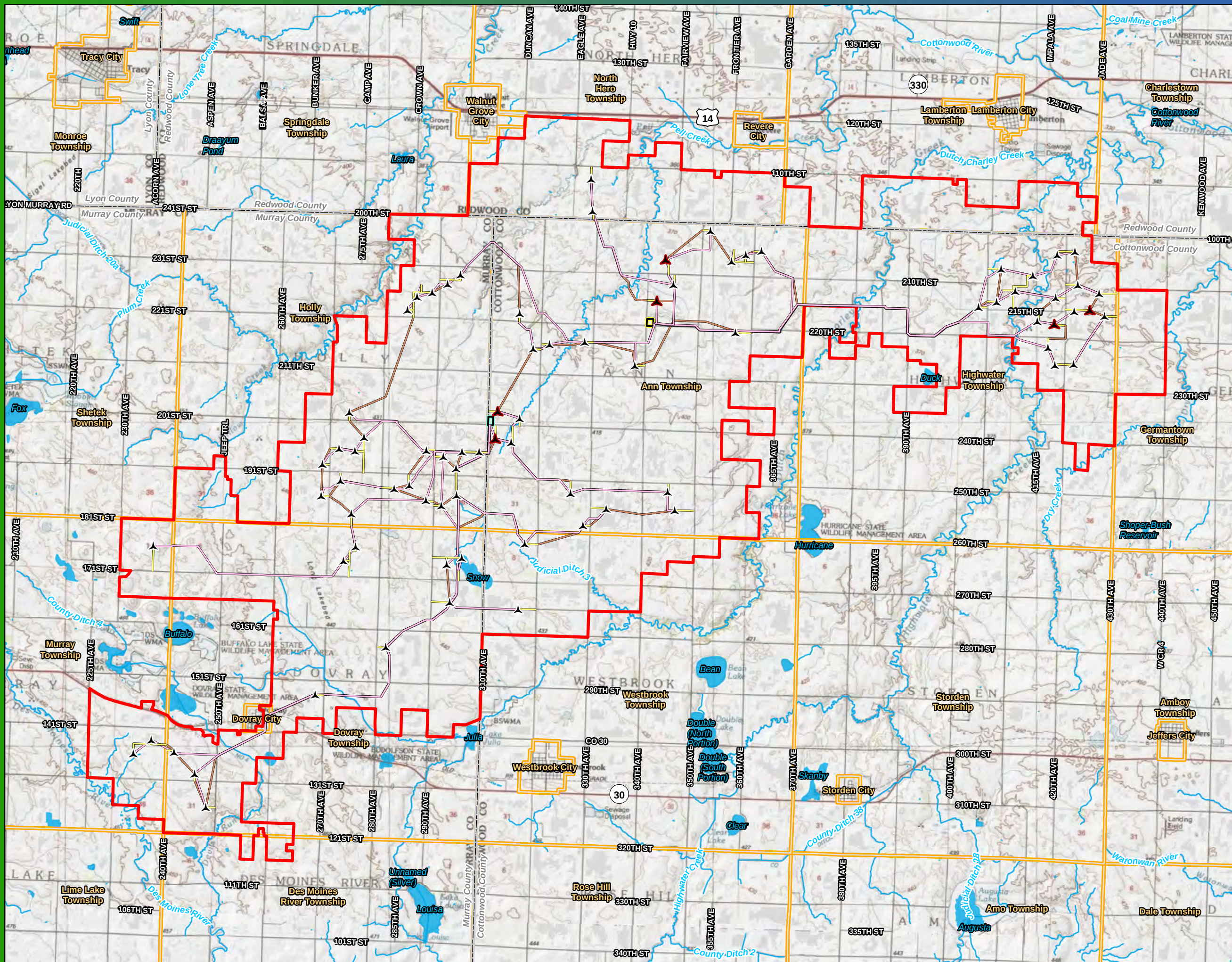
*Turbines not to scale

Figure 8a
Topographic Map
GE 2.8-127

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN





Service Layer Credits: 2013 National Geographic Society, i-cubed
Data Source: Geronimo Energy, USGS, US Census, MDNR

- ▲ V150/V162 Proposed Turbine (Primary)
- ▲ V150/V162 Proposed Turbine (Alternate)
- Access Road
- Collection Line
- Crane Path
- Collector Substation 1
- Collector Substation 2/ O&M Facility
- Project Area Boundary
- City/Township
- County Boundary
- River/Stream
- Lake, Pond or Reservoir

*Turbines not to scale

Figure 8b
Topographic Map
Vestas V150/V162

Plum Creek Wind Project

Redwood, Murray, and
Cottonwood Counties, MN

