

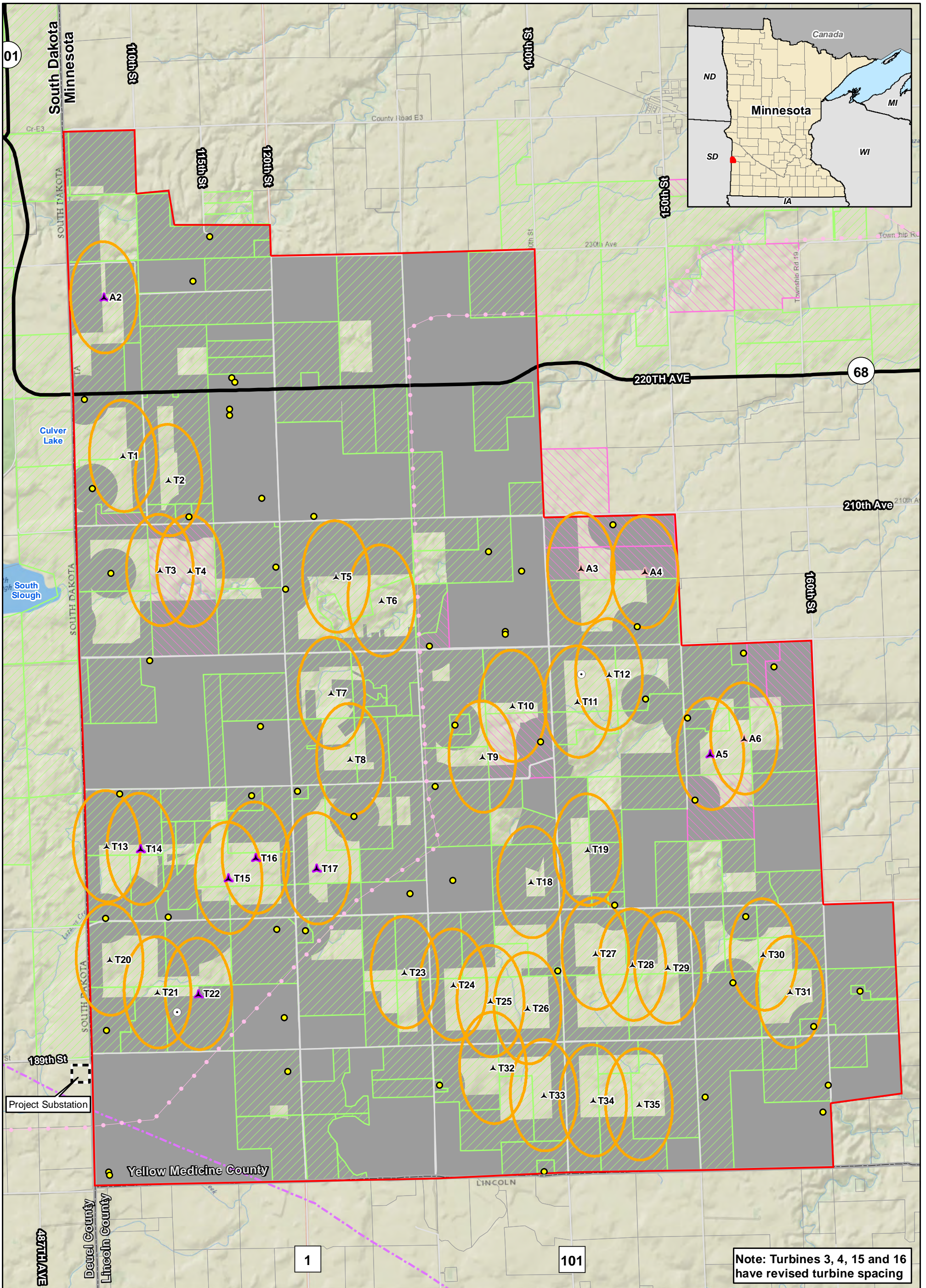
Data Source: RES Americas, USGS  
 Imagery Source: Copyright: © 2013 National Geographic Society, i-cubed

**Figure 1**  
**Project Location**

**Bitter Root Wind Farm**  
**Flying Cow Wind, LLC**  
**Yellow Medicine County, Minnesota**

- Project Area
- County Boundary
- City/Township





Data Source: RES Americas, USGS, MN DNR  
Imagery Source: National Geographic World Map

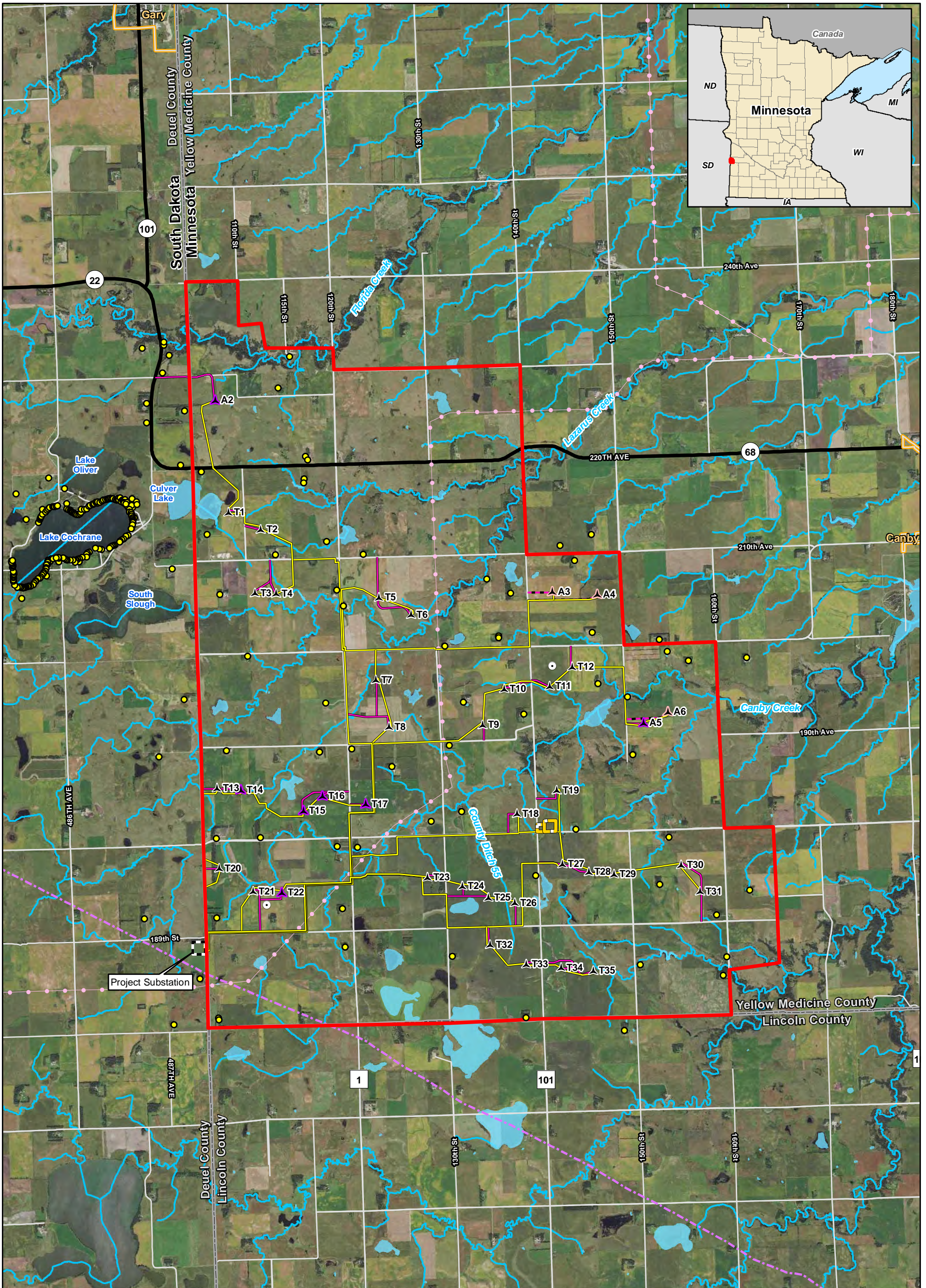
**Figure 2**  
**Turbine Layout and Constraints**

**Bitter Root Wind Farm**  
**Flying Cow Wind, LLC**  
**Yellow Medicine County, Minnesota**

- Proposed Vestas 136-3.45
  - Proposed Alternate Vestas 136-4.2
  - Proposed Vestas 136-4.2
  - Project Area
  - 3x5 Wind Access Buffer
  - Project Substation
  - Setbacks
  - Proposed Met Tower
  - Receptors within 10 Tip Heights of Proposed Turbines
  - Existing Transmission Line
  - Existing Pipeline
- Status**
- Participants
  - Negotiating
  - Non-Participants

\* Turbines are not to scale  
kevin.mueller Date: 11/2/2017





0 0.25 0.5 1 Miles

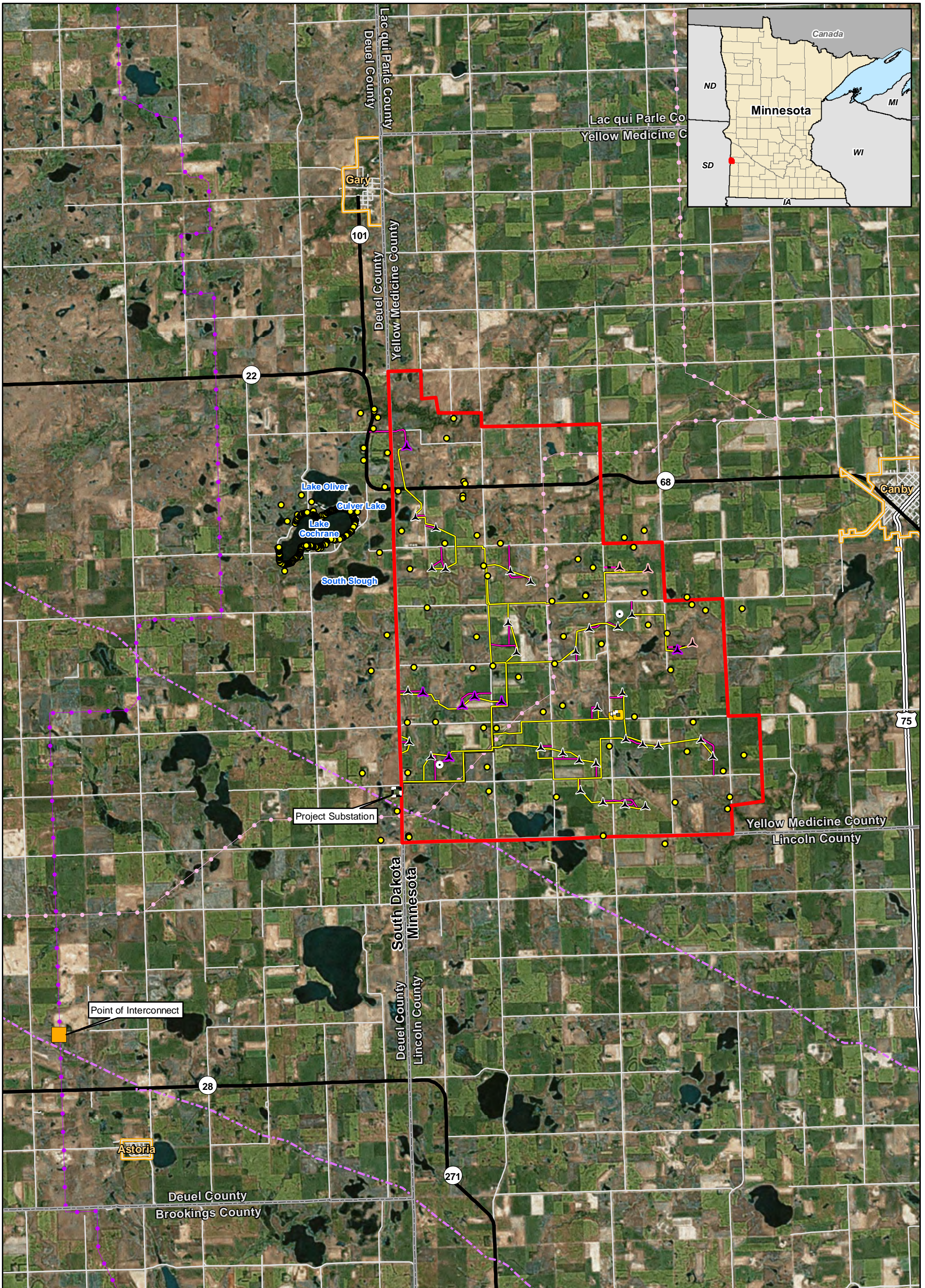
Data Source: RES Americas, USGS, MNDNR, MNDNR  
Imagery Source: 2015 Color FSA

**Figure 3a  
Project Area and Facilities**

**Bitter Root Wind Farm  
Flying Cow Wind, LLC  
Yellow Medicine County, Minnesota**

- Proposed Vestas 136-3.45
- Proposed Alternate Vestas 136-4.2
- Proposed Vestas 136-4.2
- Proposed Met Tower
- Receptors within 10 Tip Heights of Proposed Turbines
- Project Area
- Proposed Facilities Boundary (OM Building and Laydown Yard)
- Project Substation
- Proposed Collection Line
- Proposed Access Road
- Proposed Alternate Access Road
- Lake, Pond or Reservoir
- 24k Stream or Ditch
- Existing 115 kV Transmission Line
- Existing Pipeline





**Figure 3b**  
**Project Area and Facilities and Transmission**  
**Point of Interconnect**

**Bitter Root Wind Farm**  
**Flying Cow Wind, LLC**  
**Yellow Medicine County, Minnesota**

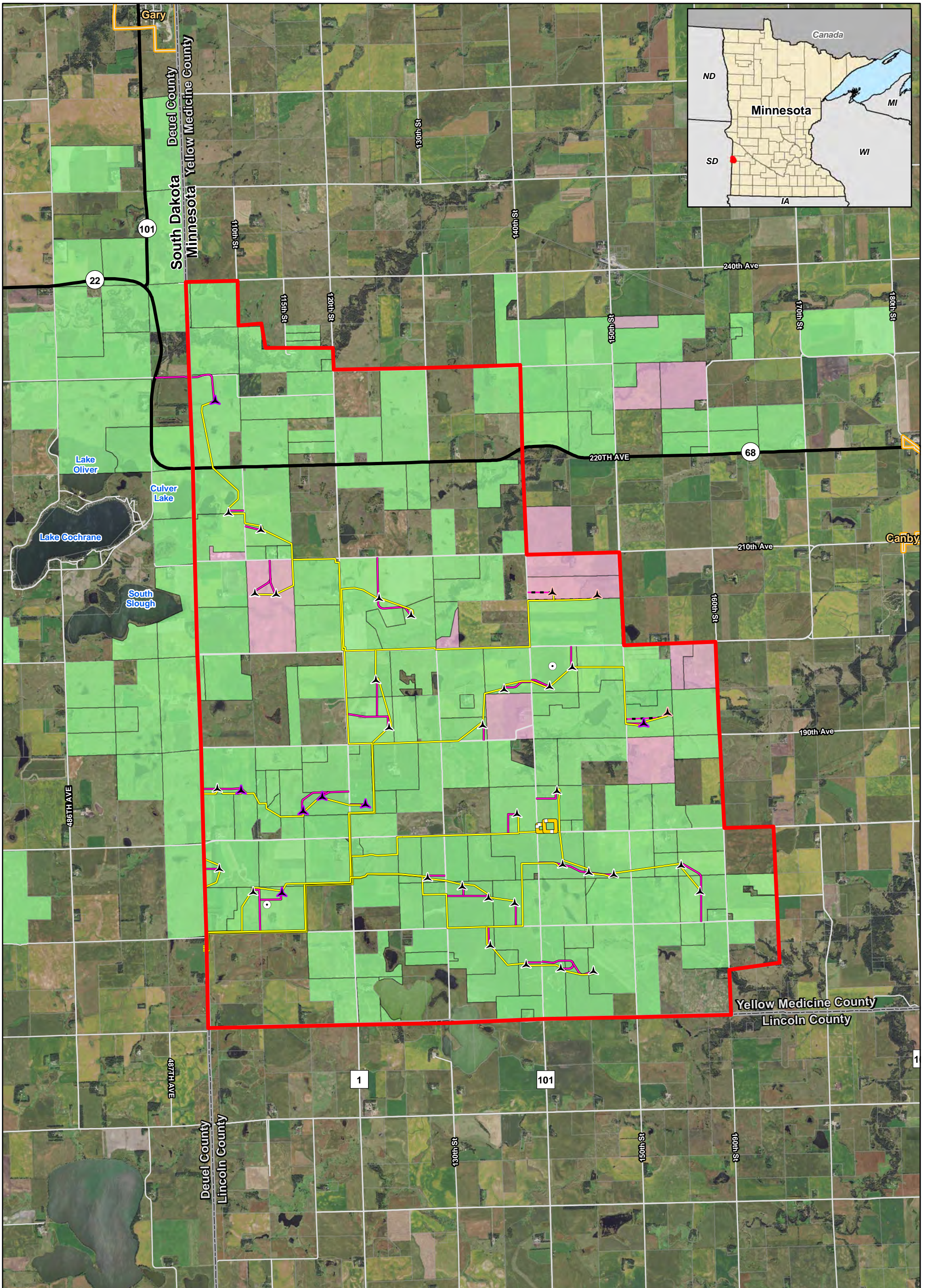


0 0.75 1.5  
 Miles

Data Source: RES Americas, USGS, MNDNR, MNDNR  
 Imagery Source: 2015 Color FSA

- |   |                                     |
|---|-------------------------------------|
| ▲ Proposed Vestas 136-3.45                                    | ■ Project Substation                |
| ▲ Proposed Alternate Vestas 136-4.2                           | ■ Point of Interconnect             |
| ▲ Proposed Vestas 136-4.2                                     | — Proposed Collection Line          |
| ○ Proposed Met Tower  | — Proposed Access Road              |
| ● Receptors within 10 Tip Heights of Proposed Turbines        | — Proposed Alternate Access         |
| ■ Project Area  | — Existing 115 kV Transmission Line |
| ■ Proposed Facilities Boundary (OM Building and Laydown Yard) | — Existing 345 kV Transmission Line |
|   | — Existing Pipeline                 |





0 0.25 0.5 1 Miles

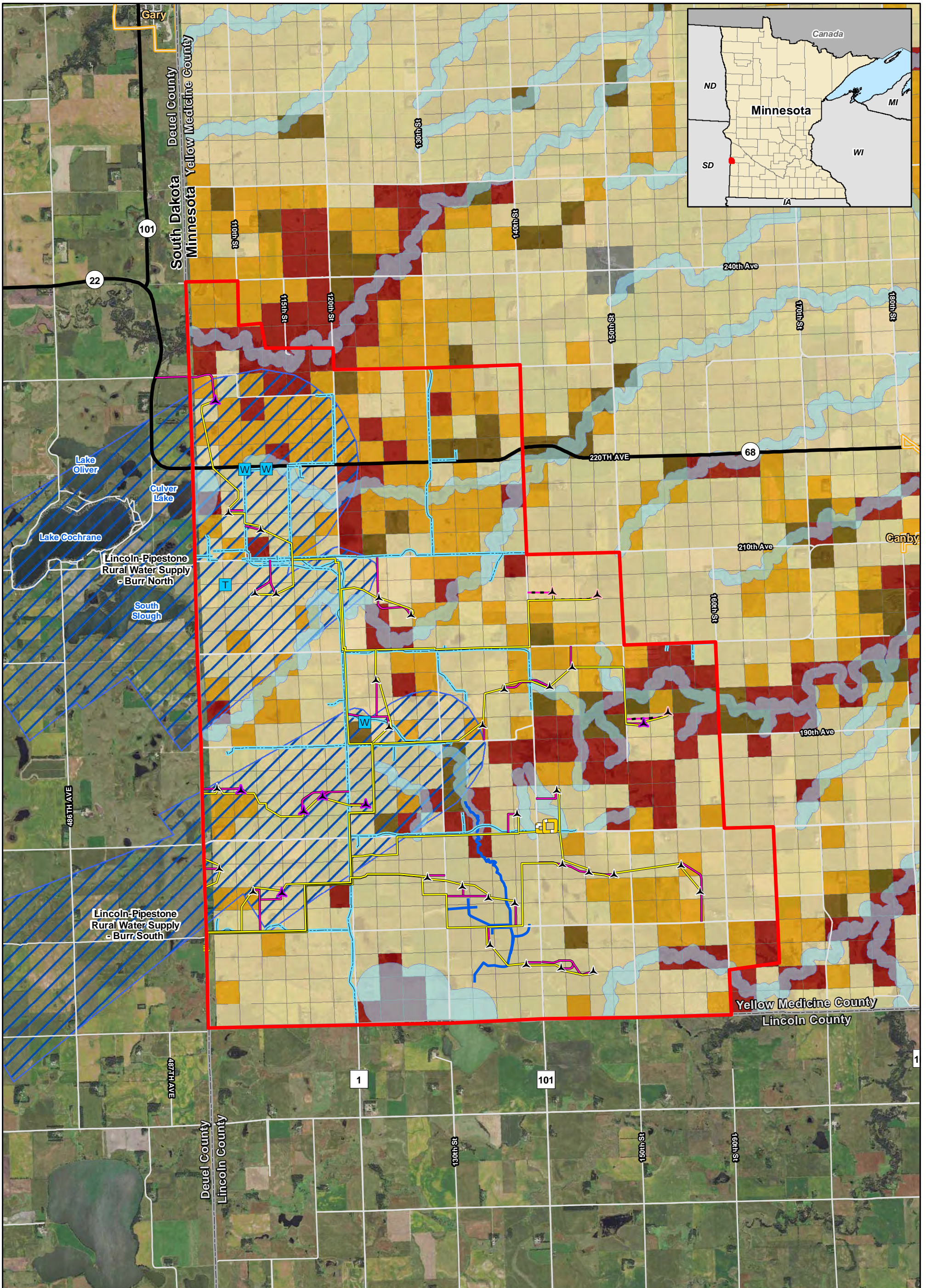
Data Source: RES Americas, USGS  
Imagery Source: 2015 Color FSA



**Figure 4**  
**Land Ownership**  
**Bitter Root Wind Farm**  
**Flying Cow Wind, LLC**  
**Yellow Medicine County, Minnesota**

- |   |                                  |
|---|----------------------------------|
| ▲ Proposed Vestas 136-3.45                                    | — Proposed Collection Line       |
| ▲ Proposed Alternate Vestas 136-4.2                           | — Proposed Access Road           |
| ▲ Proposed Vestas 136-4.2                                     | — Proposed Alternate Access Road |
| ○ Proposed Met Tower  | <b>Site Control Status</b>       |
| □ Project Area  | ■ Participants                   |
| □ Proposed Facilities Boundary (OM Building and Laydown Yard) | ■ Negotiating                    |
|   | ■ Non-Participants               |





**Figure 5  
Zoning Map**

**Bitter Root Wind Farm  
Flying Cow Wind, LLC  
Yellow Medicine County, Minnesota**

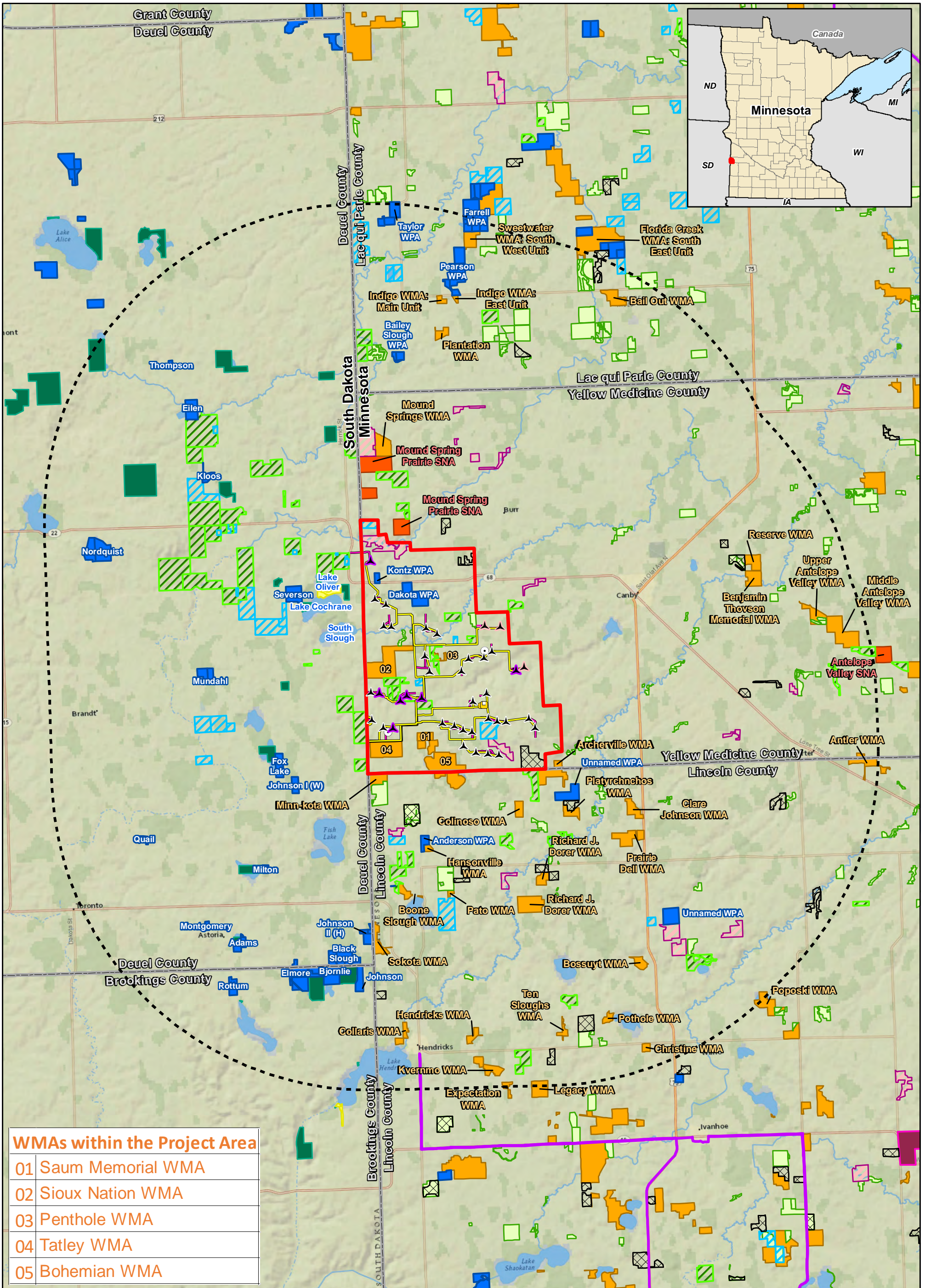


0 0.25 0.5 1 Miles

Data Source: RES Americas, MN Dept of Health, Yellow Medicine County, USGS  
Imagery Source: 2015 Color FSA

- Proposed Vestas 136-3.45
  - Proposed Alternate Vestas 136-4.2
  - Proposed Vestas 136-4.2
  - Project Area
  - Proposed Facilities Boundary (OM Building and Laydown Yard)
  - Proposed Collection Line
  - Proposed Access Road
  - Proposed Alternate Access
  - Lincoln Pipestone Rural Water Treatment Facility
  - Lincoln Pipestone Rural Water Facility
  - Lincoln-Pipestone Rural Water System
  - County Ditch
  - Well-head Protection Areas
  - Shoreland Management District
- County Zoning**
- Prime Farmland
  - Good Farmland
  - Marginal Farmland
  - Non-Tillable Farmland
  - Urban





**WMAs within the Project Area**

01	Saum Memorial WMA
02	Sioux Nation WMA
03	Penthole WMA
04	Tatley WMA
05	Bohemian WMA



0 0.75 1.5 3 Miles

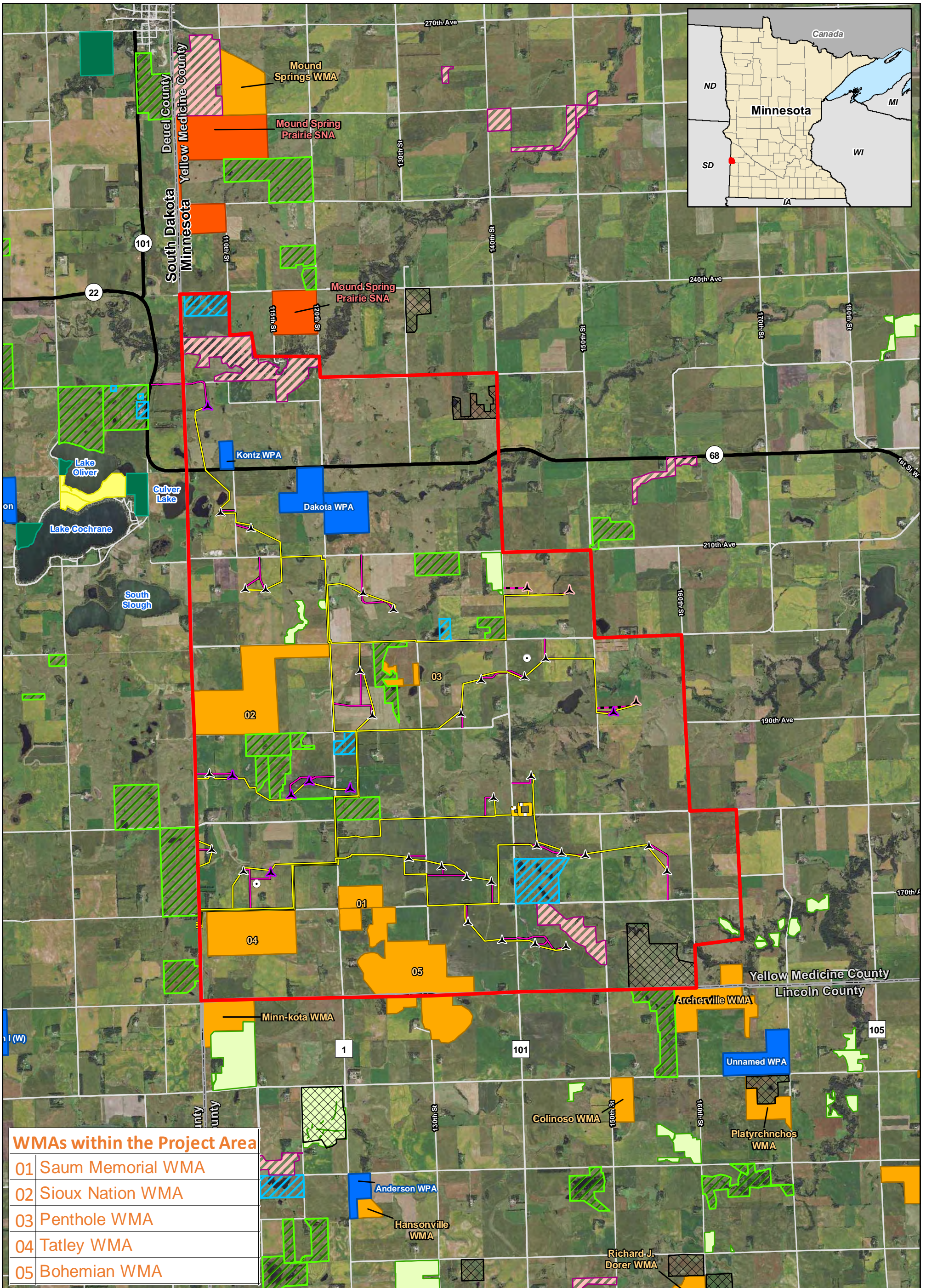
Data Source: RES Americas, MN DNR, USFWS, SD GFP  
Imagery Source: National Geographic World Map

**Figure 6a  
Public Land Ownership and Recreation**

**Bitter Root Wind Farm  
Flying Cow Wind, LLC  
Yellow Medicine County, Minnesota**

- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>▲ Proposed Vestas 136-3.45</li> <li>▲ Proposed Alternate Vestas 136-4.2</li> <li>▲ Proposed Vestas 136-4.2</li> <li>⊖ 10 Mile Buffer</li> <li>⊖ Project Area</li> <li>⊖ Proposed Met Tower</li> <li>⊖ Proposed Facilities Boundary (OM Building and Laydown Yard)</li> <li>⊖ Proposed Collection Line</li> </ul> | <ul style="list-style-type: none"> <li>— Proposed Access Road</li> <li>— Proposed Alternate Access Road</li> <li>— Snowmobile Trail</li> <li>■ SD Park and Recreation</li> <li>■ SD Game Production Area</li> <li>■ Reinvest in Minnesota (RIM)</li> <li>■ Wildlife Management Area (WMA)</li> <li>■ Scientific &amp; Natural Area (SNA)</li> </ul> | <ul style="list-style-type: none"> <li>⊖ Minnesota Walk-In Hunting Access Sites</li> <li><b>Federal Interest</b></li> <li>■ National Wildlife Refuge</li> <li>■ NWR Easement</li> <li>■ Waterfowl Production Area</li> <li>■ FWS Grassland Easement</li> <li>■ FWS Wetland Easement</li> </ul> |
|---|---|--|





**WMAs within the Project Area**

- 01 Saum Memorial WMA
- 02 Sioux Nation WMA
- 03 Penthole WMA
- 04 Tatley WMA
- 05 Bohemian WMA

**Figure 6b  
Detailed Public Land Ownership and Recreation**

**Bitter Root Wind Farm  
Flying Cow Wind, LLC  
Yellow Medicine County, Minnesota**

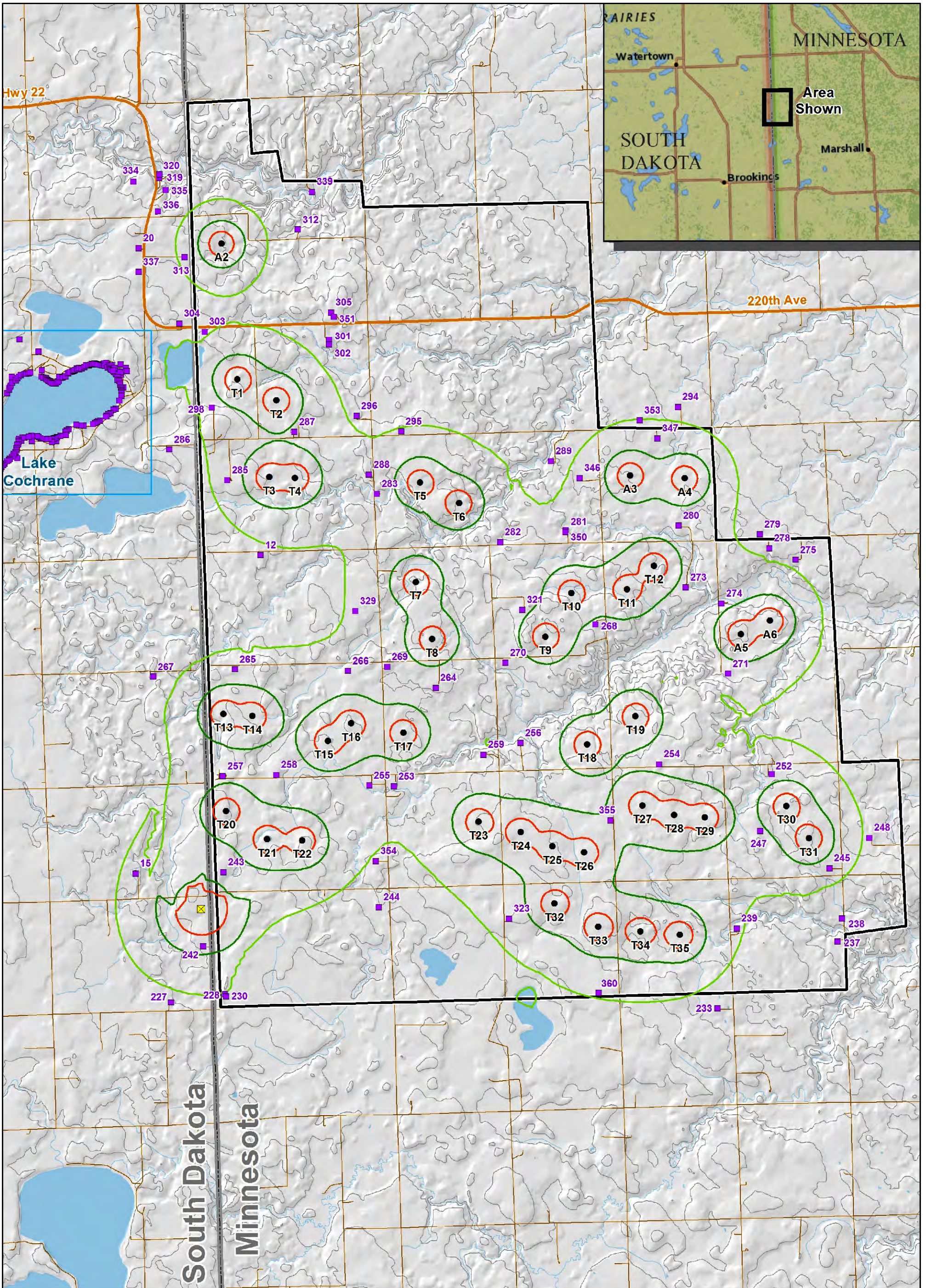
- ▲ Proposed Vestas 136-3.45
- ▲ Proposed Alternate Vestas 136-4.2
- ▲ Proposed Vestas 136-4.2
- ⊞ 10 Mile Buffer
- ⊞ Project Area
- ⊙ Proposed Met Tower
- ⊞ Proposed Facilities Boundary (OM Building and Laydown Yard)
- Proposed Collection Line
- Proposed Access Road
- Proposed Alternate Access Road
- Snowmobile Trail
- SD Park and Recreation
- SD Game Production Area
- Reinvest in Minnesota (RIM)
- Wildlife Management Area (WMA)
- Scientific & Natural Area (SNA)
- ⊞ Minnesota Walk-In Hunting Access Sites
- Federal Interest**
- National Wildlife Refuge
- NWR Easement
- Waterfowl Production Area
- FWS Grassland Easement
- FWS Wetland Easement



0 0.25 0.5 1 Miles

Data Source: RES Americas, MN DNR, USFWS, SD GFP  
Imagery Source: 2015 Color FSA





0 0.25 0.5 1 Miles

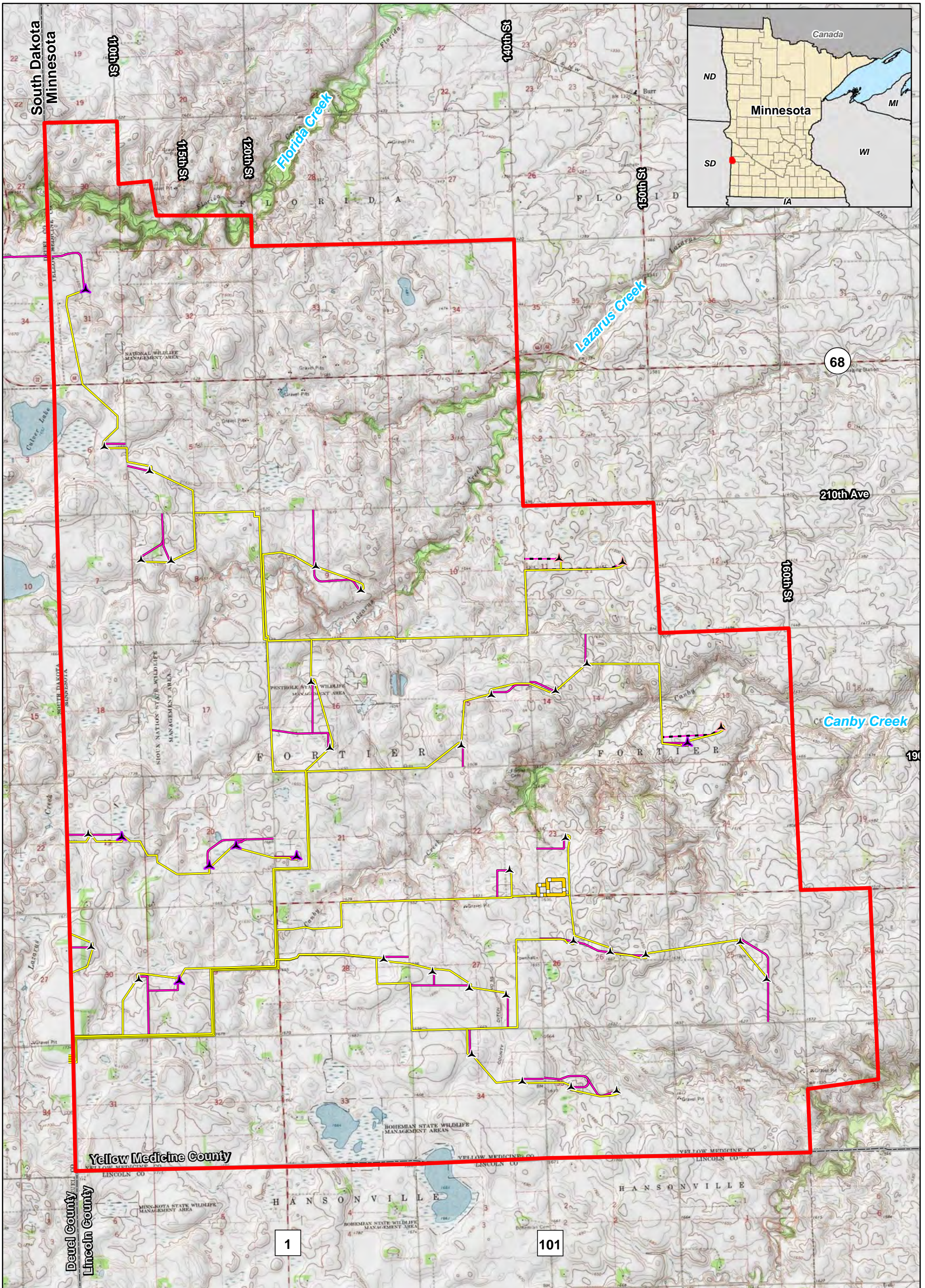
Data Source: RES Americas, DNV GL

**Figure 7  
Sound/Noise**

**Bitter Root Wind Farm  
Flying Cow Wind, LLC  
Yellow Medicine County, Minnesota**

- |                           |  |
|---------------------------|--|
| <b>Project Components</b> | State Boundary                               |
| 107.5 dBA Turbine (40)    | Simulated ISO-Contours *                     |
| Substation                | 40 dBA                                       |
| Project Area              | 45 dBA                                       |
| <b>Other Components</b>   | 50 dBA                                       |
| Dwelling                  | Primary/ Secondary Road                      |
| Local Road                | Contour (Interval: 10 m)                     |
| Contour (Interval: 10 m)  | <small>* At 1.5 m above ground level</small> |





0 0.25 0.5 1 Miles

Data Source: RES Americas, USGS  
Imagery Source: Copyright © 2013 National Geographic Society, i-cubed

**Figure 8  
Topographic Map**

**Bitter Root Wind Farm  
Flying Cow Wind, LLC  
Yellow Medicine County, Minnesota**

- Proposed Vestas 136-3.45
- Proposed Alternate Vestas 136-4.2
- Proposed Vestas 136-4.2
- Project Area
- County Boundary
- Proposed Facilities Boundary (OM Building and Laydown Yard)
- Proposed Collection Line
- Proposed Access Road
- Proposed Alternate Access Road