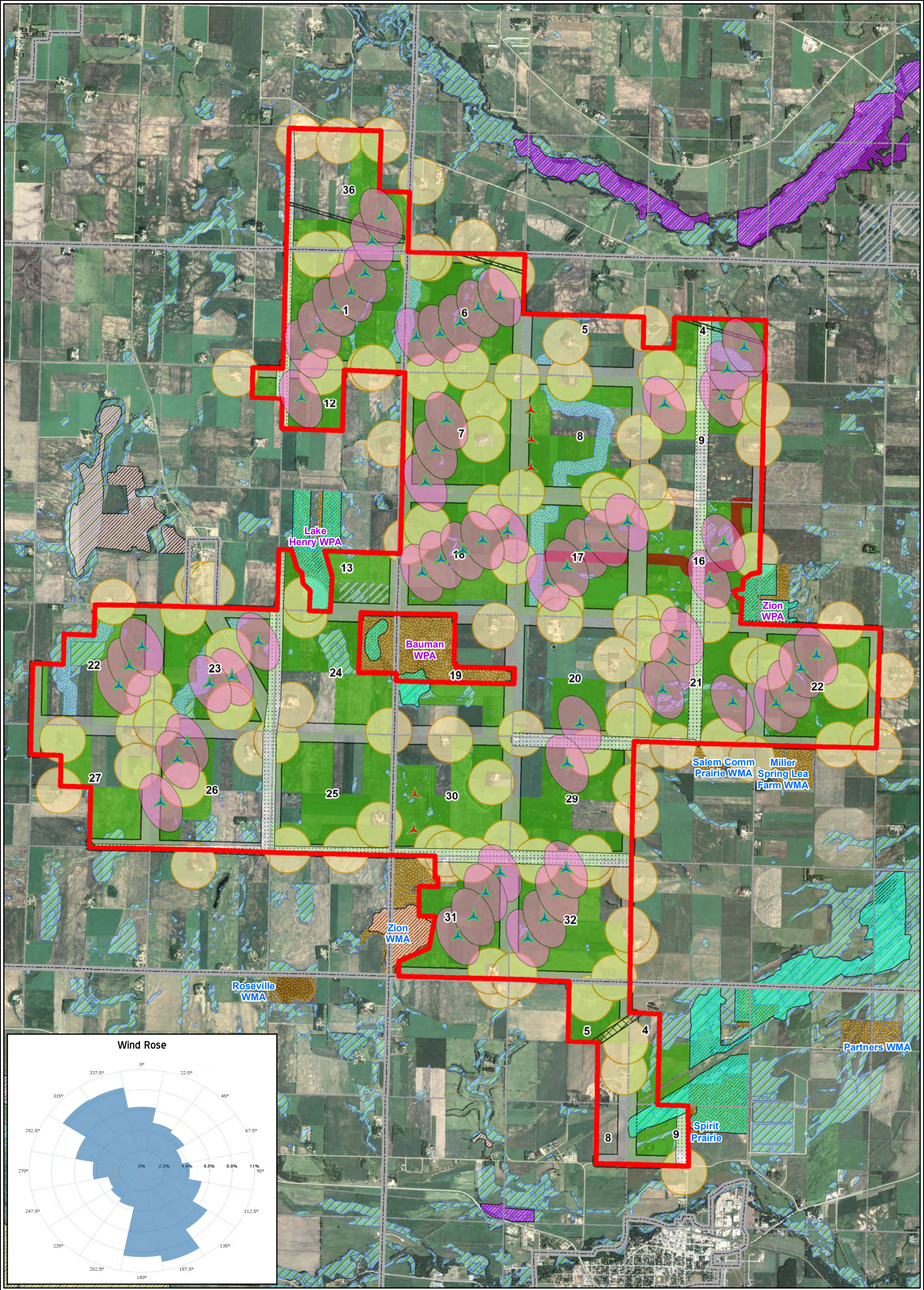


PAYNESVILLE WIND FARM

Preliminary GE 1.6MW Turbine Layout with Constraints

- Draft Turbine Locations
- Draft Alternative Turbine
- 3x5 Wind Access Buffer
- Wind Easement Area
- Occupied Structure Setback (1000ft)
- Trails Setback (250ft)
- Stearns County Shoreland Overlay
- Road Right of Way Setback (250ft + Blade)
- Transmission Setback (330ft)
- Wetlands
- Microwave Beam Path - Worst Case Fresnel Zone
- Waterfowl Production Area/Wildlife Management Area
- Conservation Easement

MCBS BioSignificance

- Outstanding
- High
- Moderate
- Below

GERONIMO WIND ENERGY

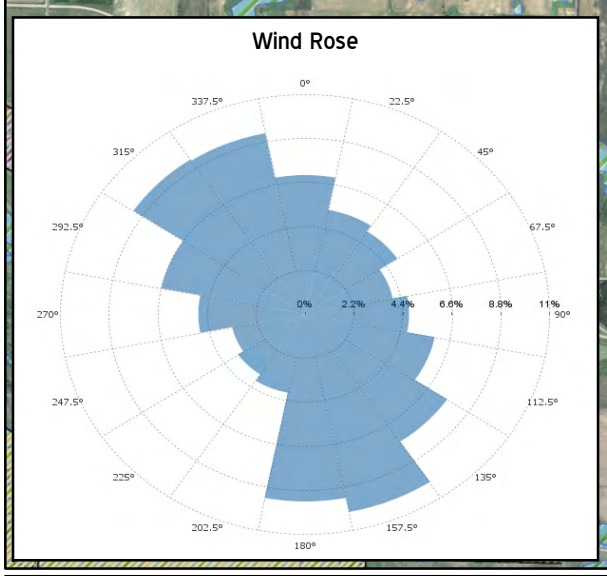
11/4/2010

SOURCES:
Geronimo Wind Energy
US Fish and Wildlife Service
Minnesota DNR
USDA FSA

0 0.25 0.5
Miles

PAYNESVILLE WIND FARM

Preliminary Siemens 2.3MW Turbine Layout with Constraints



Draft Turbine Locations
Draft Alternate Turbine
3x5 Wind Access Buffer
Wind Easement Area
Occupied Structure Setback (1000ft)
Trails Setback (250ft)
Stearns County Shoreland Overlay
Road Right of Way Setback (250ft + Blade)
Transmission Setback (330ft)
Wetlands
Microwave Beam Path - Worst Case Fresnel Zone
Waterfowl Production Area/Wildlife Management Area
Conservation Easement

MCBS BioSignificance
Outstanding
High
Moderate
Below

GERONIMO WIND ENERGY

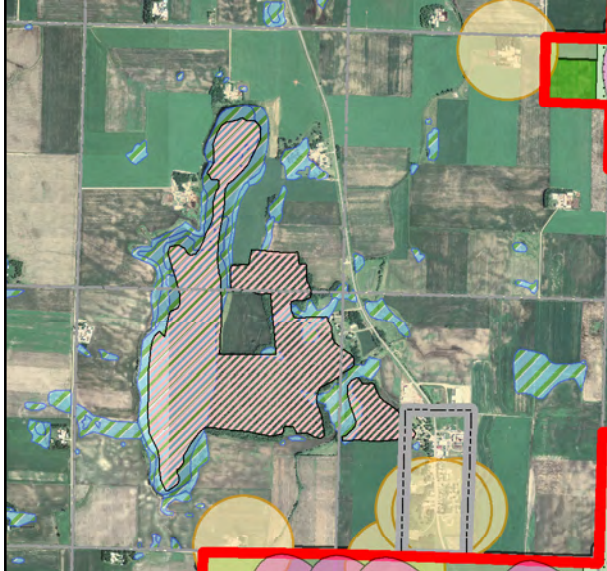
11/4/2010

SOURCES:
Geronimo Wind Energy
US Fish and Wildlife Service
Minnesota DNR
USDA FSA

0 0.25 0.5
Miles

PAYNESVILLE WIND FARM

Preliminary Vestas V90 1.8MW Turbine Layout with Constraints



Draft Turbine Locations
Draft Alternative Turbine
3x5 Wind Access Buffer
Wind Easement Area
Occupied Structure Setback (1000ft)
Trails Setback (250ft)
Stearns County Shoreland Overlay
Road Right of Way Setback (250ft + Blade)
Transmission Setback (330ft)
Wetlands
Microwave Beam Path - Worst Case Fresnel Zone
Waterfowl Production Area/Wildlife Management Area
Conservation Easement

MCBS BioSignificance
Outstanding
High
Moderate
Below

GERONIMO WIND ENERGY

11/4/2010

SOURCES:
Geronimo Wind Energy
US Fish and Wildlife Service
Minnesota DNR
USDA FSA

0 0.25 0.5
Miles