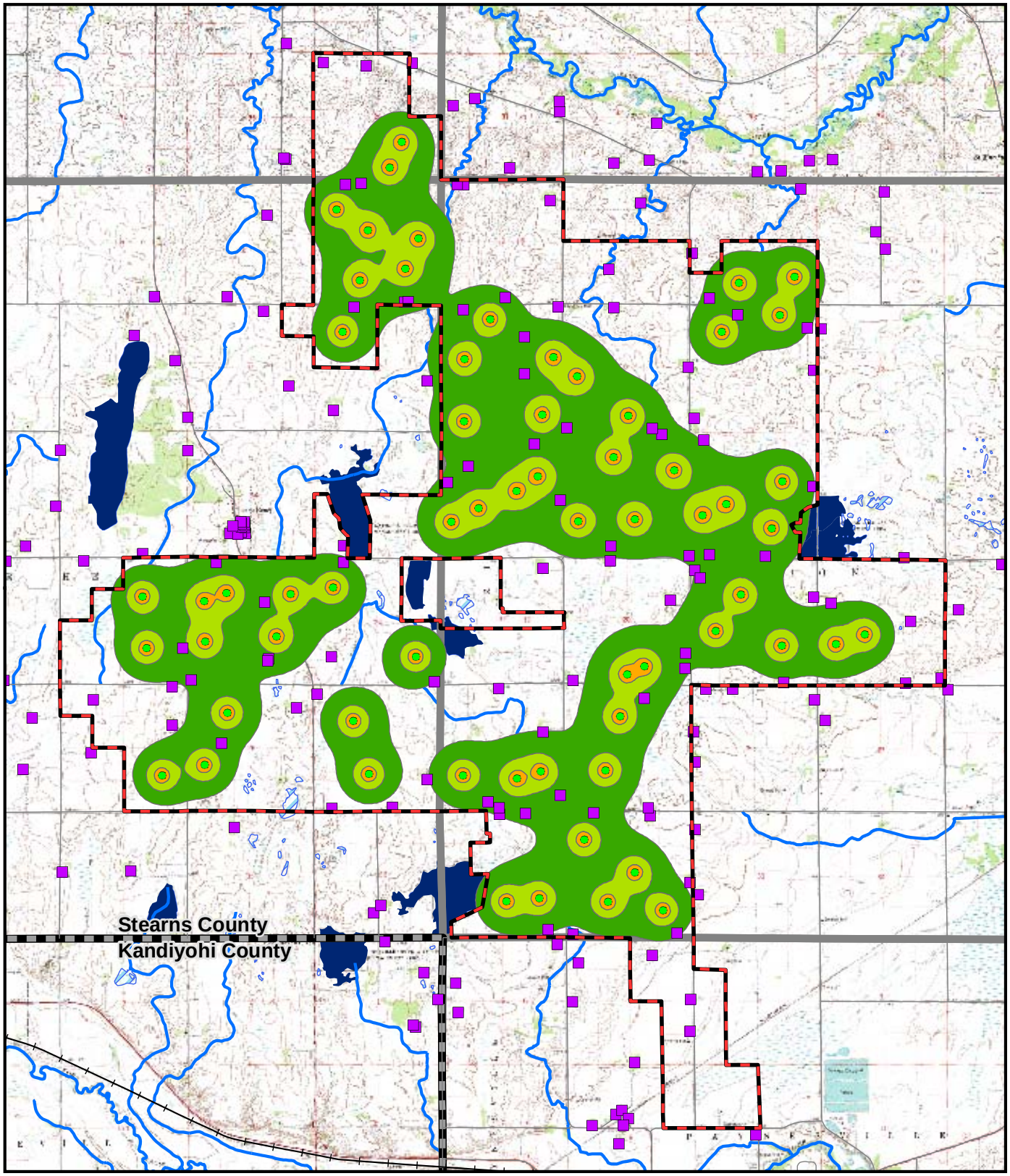


Legend

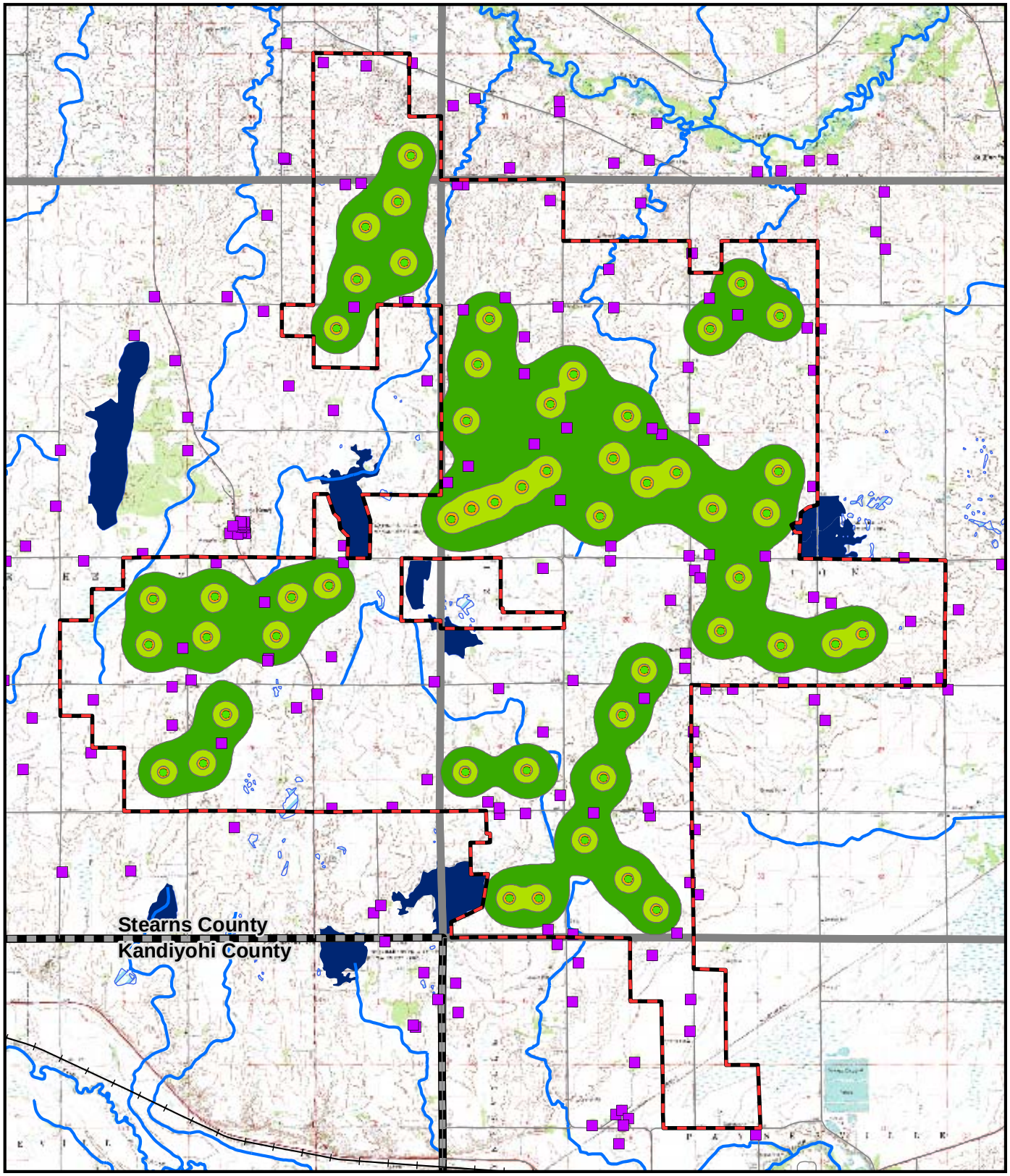
- Project Boundary
- Turbines (GE)
- Noise Receptor Verified
- GE XLE 1.5 MW
- Sound Pressure Level, dBA
  - 40 - 45
  - 45 - 50
  - 50 - 55
  - 55+
- NWI Wetland
- Type 3/4/5 NWI Wetland
- PWI Wetland
- PWI Stream
- County Boundary

Miles

0 0.25 0.5 1 1.5

Figure 5-1. Predicted Noise Levels for GE 1.5 MW Wind Turbines
Paynesville Wind Project
Geronimo Wind Energy
Stearns County, MN

Map Document: (\\mspe-gis-file\GISProj\Geronimo\113498_Paynesville-Zion\map_docs\mxd\LWECS_Permit_Application\Fig5-1_PredictedNoiseLevels_GE.mxd)
1/28/2010 -- 4:13:58 PM



Legend

- Project Boundary
- Turbines (Vestas)
- Noise Receptor Verified

Vestas V90

Sound Pressure Level (dBA)

- 40 - 45
- 45 - 50
- 50 - 55
- 55 - 60

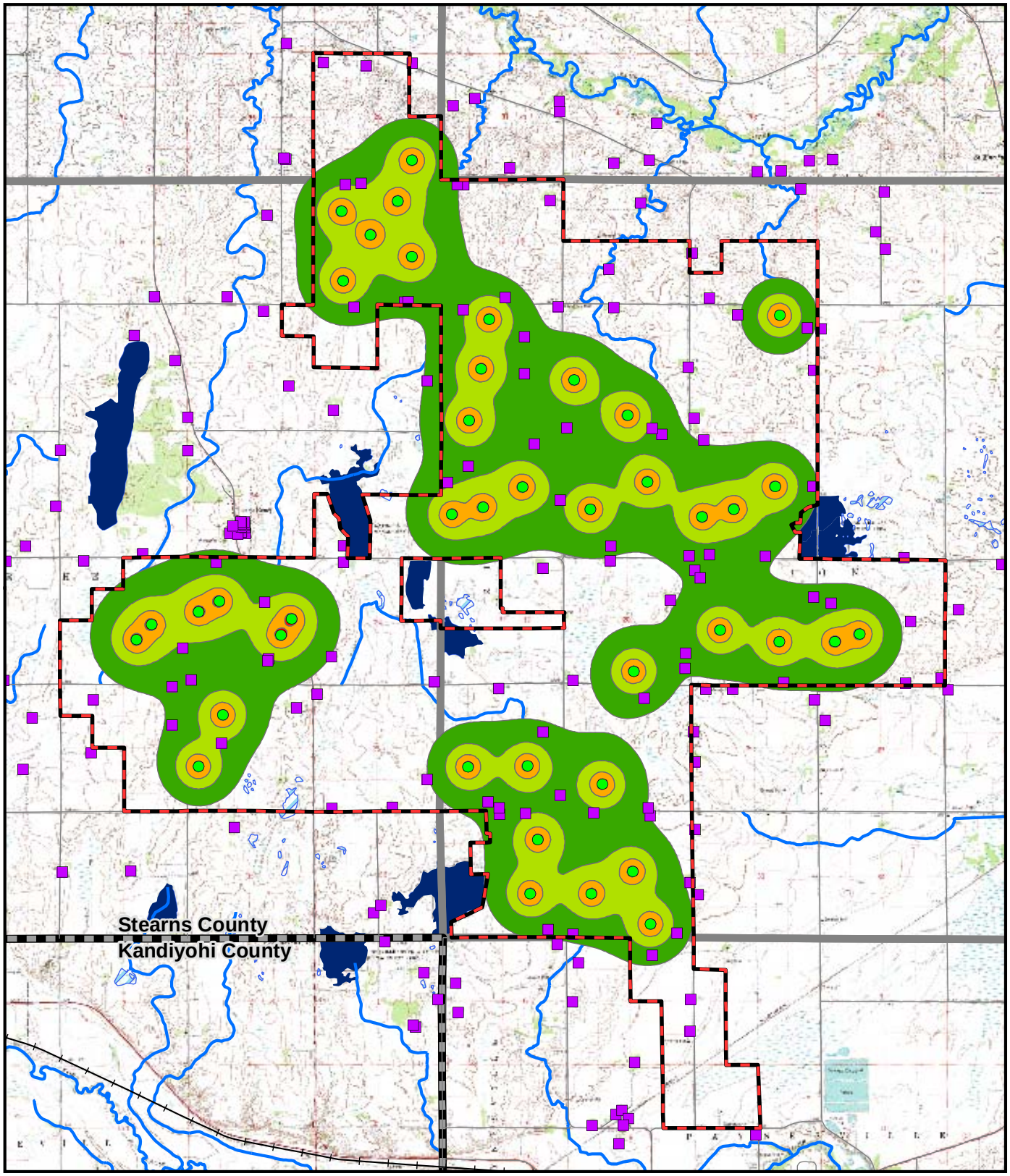
- NWI Wetland
- Type 3/4/5 NWI Wetland
- PWI Wetland
- PWI Stream
- County Boundary

Miles

0 0.25 0.5 1 1.5

Figure 5-2. Predicted Noise Levels for Vestas 1.8 MW Wind Turbines
Paynesville Wind Project
Geronimo Wind Energy
Stearns County, MN

Map Document: (\\mspe-gis-file\GISProj\Geronimo\113498_Paynesville-Zion\map_docs\mxd\LWECS_Permit_Application\Fig5-2_PredictedNoiseLevels_Vestas.mxd)
1/28/2010 -- 4:23:16 PM



Legend

- Project Boundary
- Turbines (Siemens)
- Noise Receptor Verified

Siemens 101 SWT

Sound Pressure Level (dBA)

- 40 - 45
- 45 - 50
- 50 - 55
- 55+

- NWI Wetland
- Type 3/4/5 NWI Wetland
- PWI Wetland
- PWI Stream
- County Boundary

0 0.25 0.5 1 1.5 Miles

Figure 5-3. Predicted Noise Levels for Siemens 2.3 MW Wind Turbines
Paynesville Wind Project
Geronimo Wind Energy
Stearns County, MN

Map Document: (\\mspe-gis-file\GISProj\Geronimo\113498_Paynesville-Zion\map_docs\mxd\LWECS_Permit_Application\Fig5-3_PredictedNoiseLevels_Siemens.mxd)
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