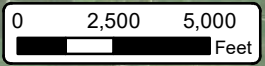
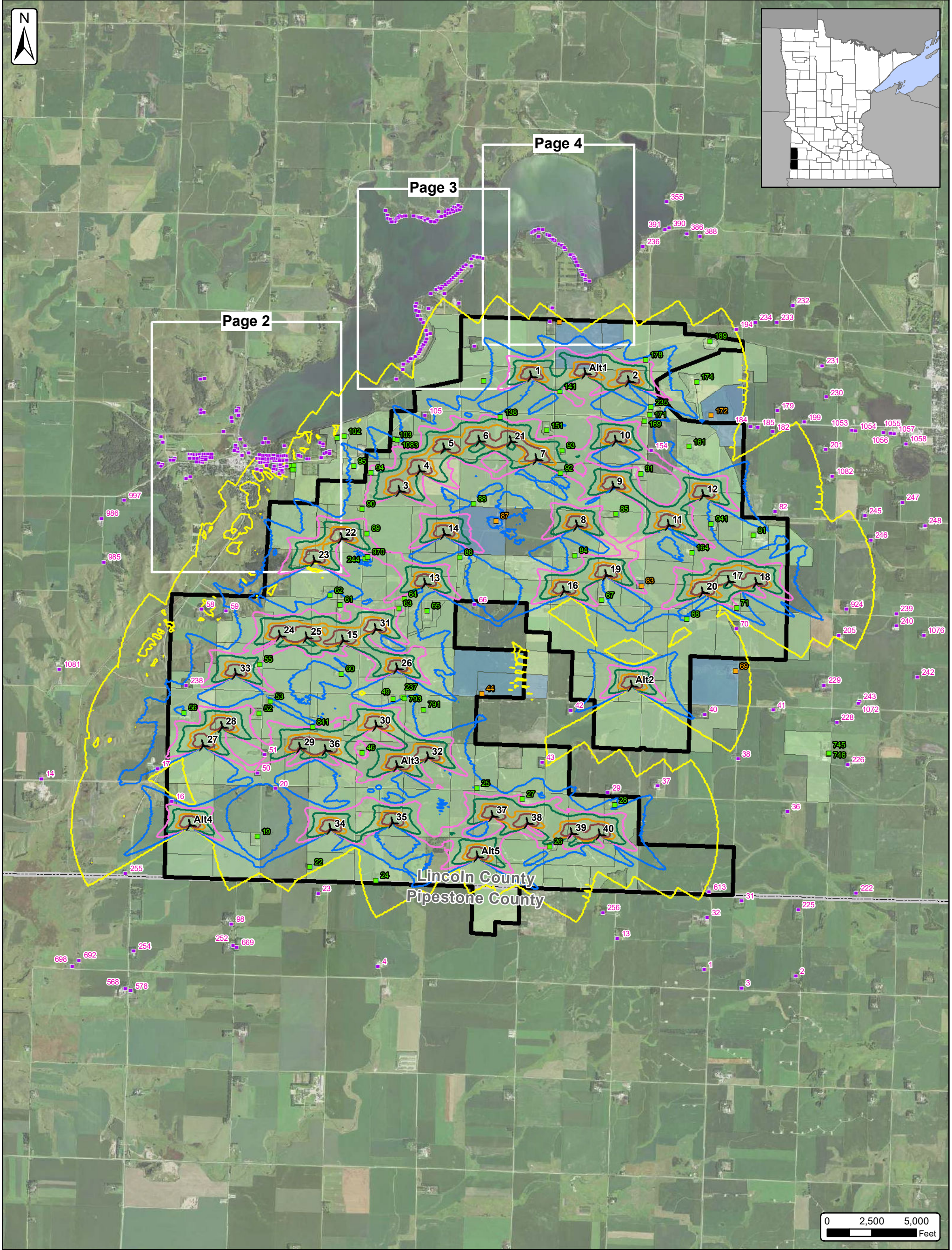


Buffalo Ridge Wind

Figure 16 - Shadow Flicker Modeling Results

Lincoln County & Pipestone County, Minnesota

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	Turbine Layout (2/11/2020)		Participating Receptor		Project Area 5/9/2019 (±17,609 Ac.)
	Participating-Assumed Receptor		Non-Participating Receptor		Counties
	Participating Parcel		0		10
	Participating-Assumed Parcel		30		50
			100		150

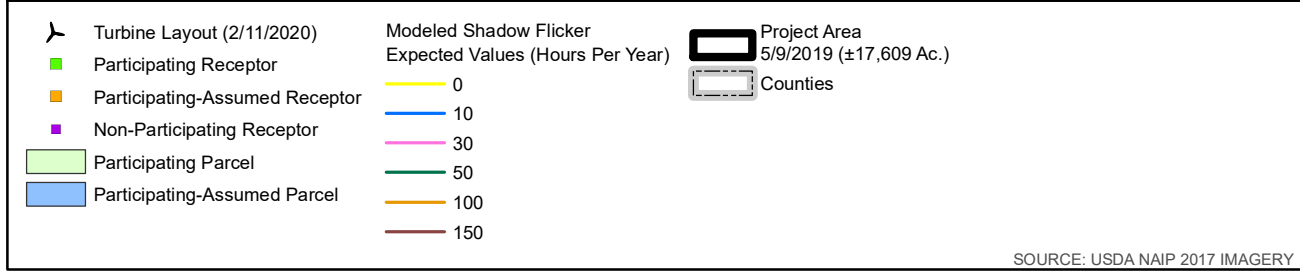
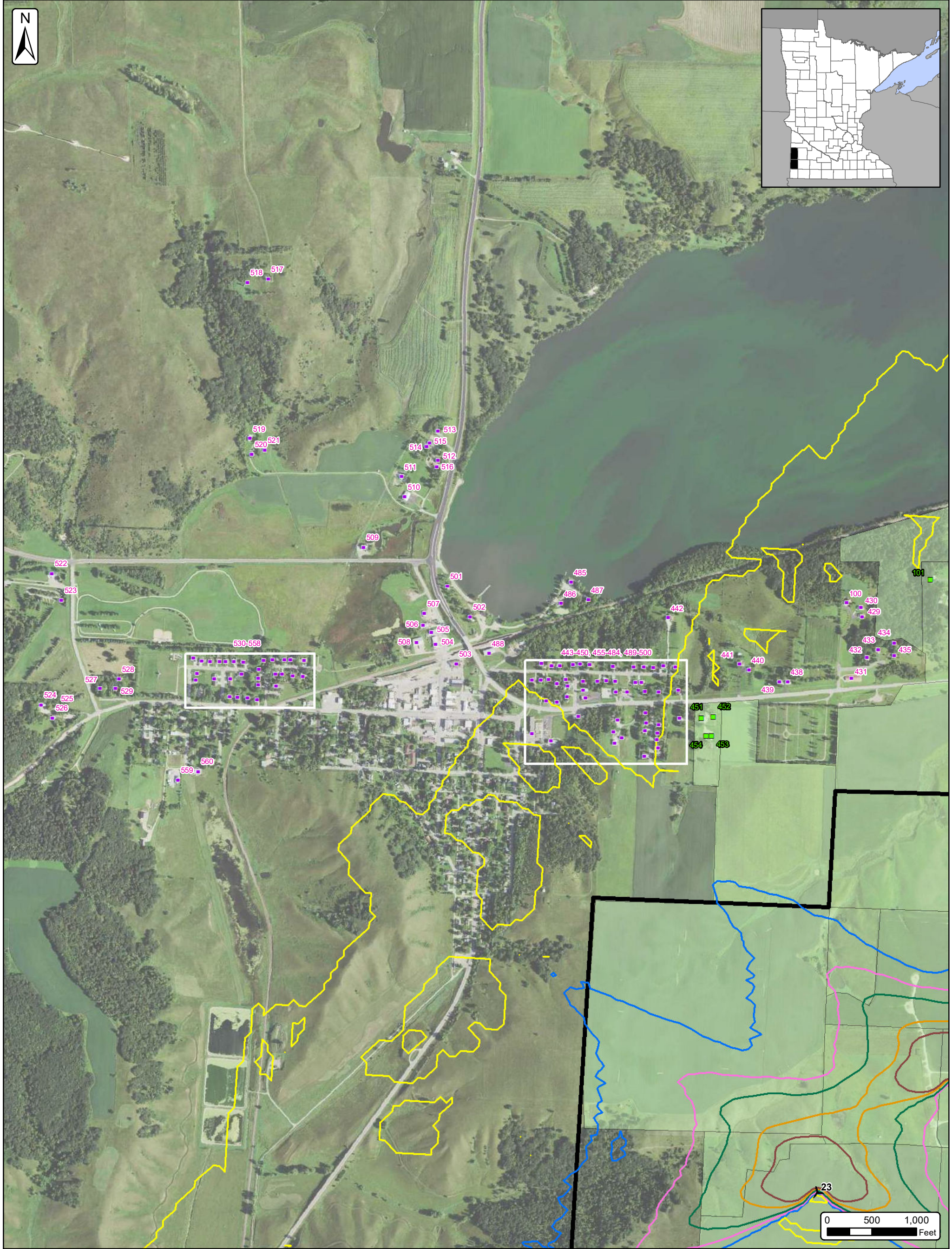
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SOURCE: USDA NAIP 2017 IMAGERY

Buffalo Ridge Wind

Figure 16 - Shadow Flicker Modeling Results

Lincoln County & Pipestone County, Minnesota





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SOURCE: USDA NAIP 2017 IMAGERY

Buffalo Ridge Wind

Figure 16 - Shadow Flicker Modeling Results

Lincoln County & Pipestone County, Minnesota



<ul style="list-style-type: none"> Turbine Layout (2/11/2020) Participating Receptor Participating-Assumed Receptor Non-Participating Receptor Participating Parcel Participating-Assumed Parcel 	<p>Modeled Shadow Flicker Expected Values (Hours Per Year)</p> <ul style="list-style-type: none"> 0 10 30 50 100 150 	<ul style="list-style-type: none"> Project Area 5/9/2019 (±17,609 Ac.) Counties
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SOURCE: USDA NAIP 2017 IMAGERY

Buffalo Ridge Wind

Figure 16 - Shadow Flicker Modeling Results

Lincoln County & Pipestone County, Minnesota

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Turbine Layout (2/11/2020)	Participating Receptor	Project Area 5/9/2019 (±17,609 Ac.)
Participating-Assumed Receptor	Modeled Shadow Flicker Expected Values (Hours Per Year)	Counties
Non-Participating Receptor	0	
Participating Parcel	10	
Participating-Assumed Parcel	30	
	50	
	100	
	150	



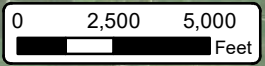
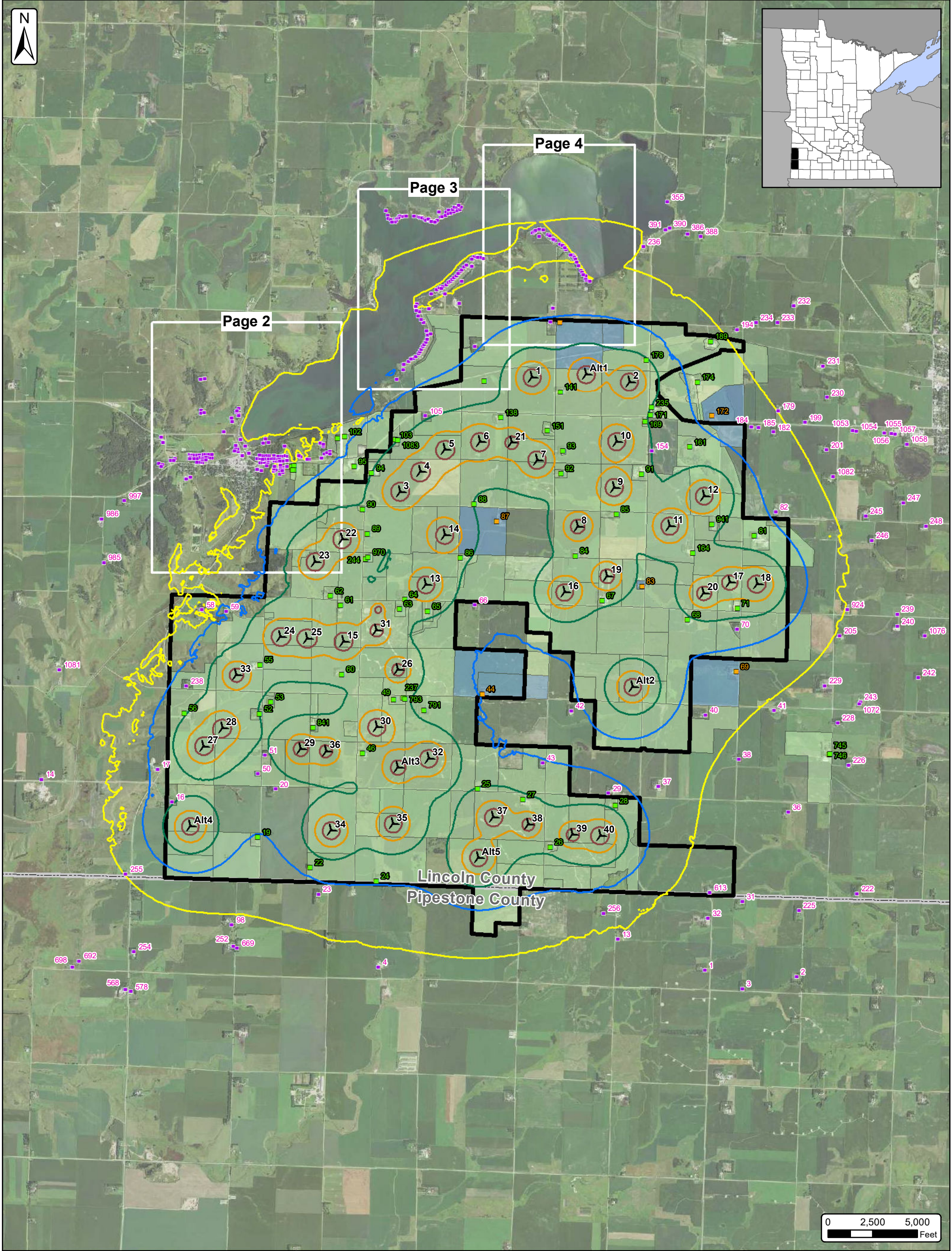
SOURCE: USDA NAIP 2017 IMAGERY

Buffalo Ridge Wind

Figure 17 - Project Only L₅₀ Sound Level Modeling Results

Lincoln County & Pipestone County, Minnesota

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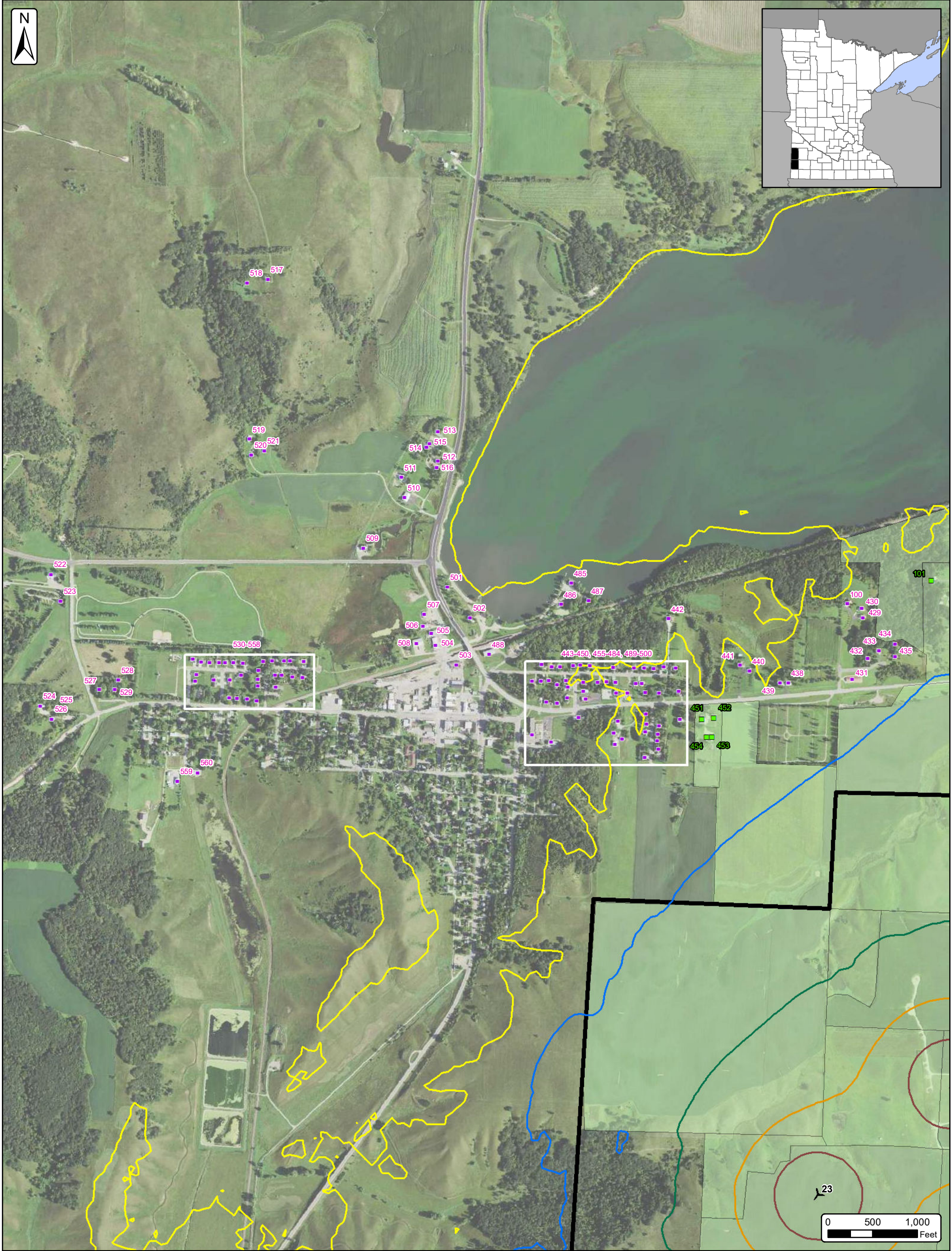
Turbine Layout (2/11/2020)	Project Only L ₅₀ Modeling Results (dBA)	Project Area 5/9/2019 (±17,609 Ac.)
Participating Receptor		Counties
Participating-Assumed Receptor		
Non-Participating Receptor		
Participating Parcel		
Participating-Assumed Parcel		
	35	
	40	
	45	
	50	
	55	

SOURCE: USDA NAIP 2017 IMAGERY

Buffalo Ridge Wind

Figure 17 - Project Only L₅₀ Sound Level Modeling Results

Lincoln County & Pipestone County, Minnesota



<ul style="list-style-type: none"> Turbine Layout (2/11/2020) Participating Receptor Participating-Assumed Receptor Non-Participating Receptor Participating Parcel Participating-Assumed Parcel 	<p>Project Only L₅₀ Modeling Results (dBA)</p> <ul style="list-style-type: none"> 35 40 45 50 55 	<ul style="list-style-type: none"> Project Area 5/9/2019 (±17,609 Ac.) Counties
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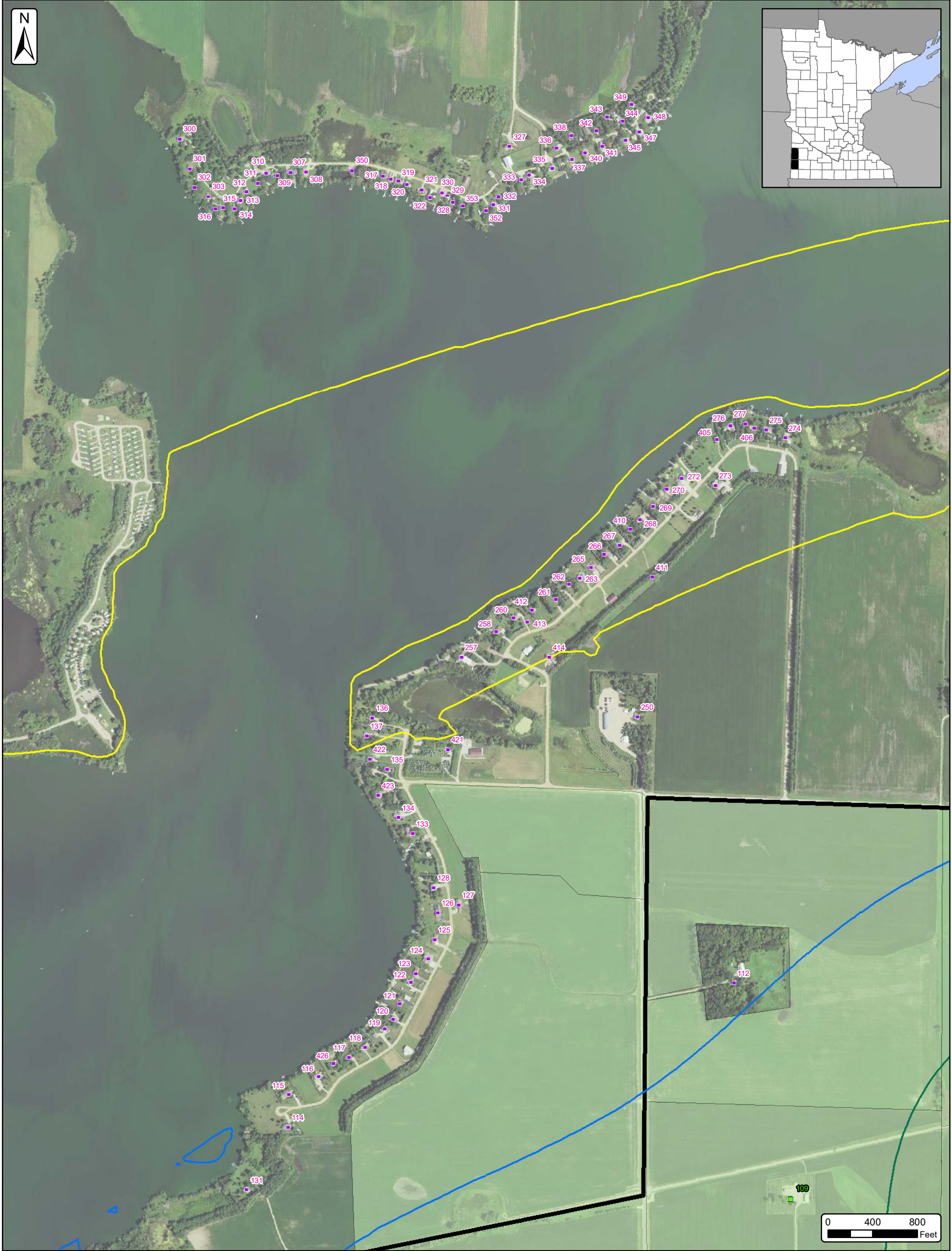
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SOURCE: USDA NAIP 2017 IMAGERY

Buffalo Ridge Wind

Figure 17 - Project Only L₅₀ Sound Level Modeling Results

Lincoln County & Pipestone County, Minnesota



- | | | |
|--|---|---|
| <ul style="list-style-type: none"> Turbine Layout (2/11/2020) Participating Receptor Participating-Assumed Receptor Non-Participating Receptor Participating Parcel Participating-Assumed Parcel | <p>Project Only L₅₀ Modeling Results (dBA)</p> <ul style="list-style-type: none"> 35 40 45 50 55 | <ul style="list-style-type: none"> Project Area
5/9/2019 (±17,609 Ac.) Counties |
|--|---|---|



SOURCE: USDA NAIP 2017 IMAGERY

Buffalo Ridge Wind

Figure 17 - Project Only L₅₀ Sound Level Modeling Results

Lincoln County & Pipestone County, Minnesota



<ul style="list-style-type: none"> Turbine Layout (2/11/2020) Participating Receptor Participating-Assumed Receptor Non-Participating Receptor Participating Parcel Participating-Assumed Parcel 	<p>Project Only L₅₀ Modeling Results (dBA)</p> <ul style="list-style-type: none"> 35 40 45 50 55 	<ul style="list-style-type: none"> Project Area 5/9/2019 (±17,609 Ac.) Counties
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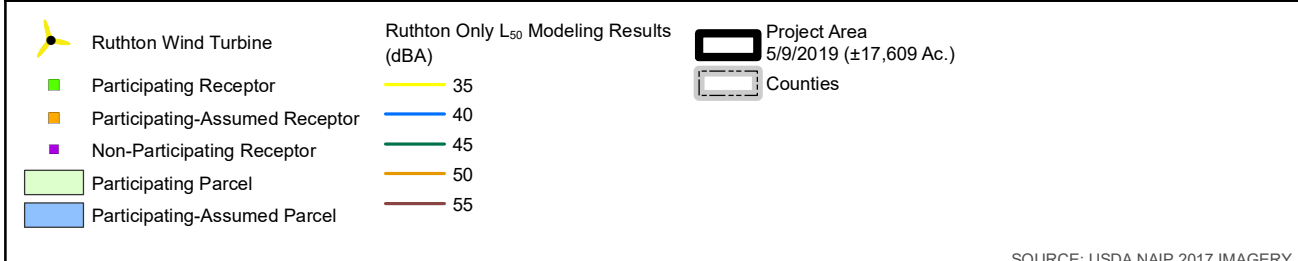
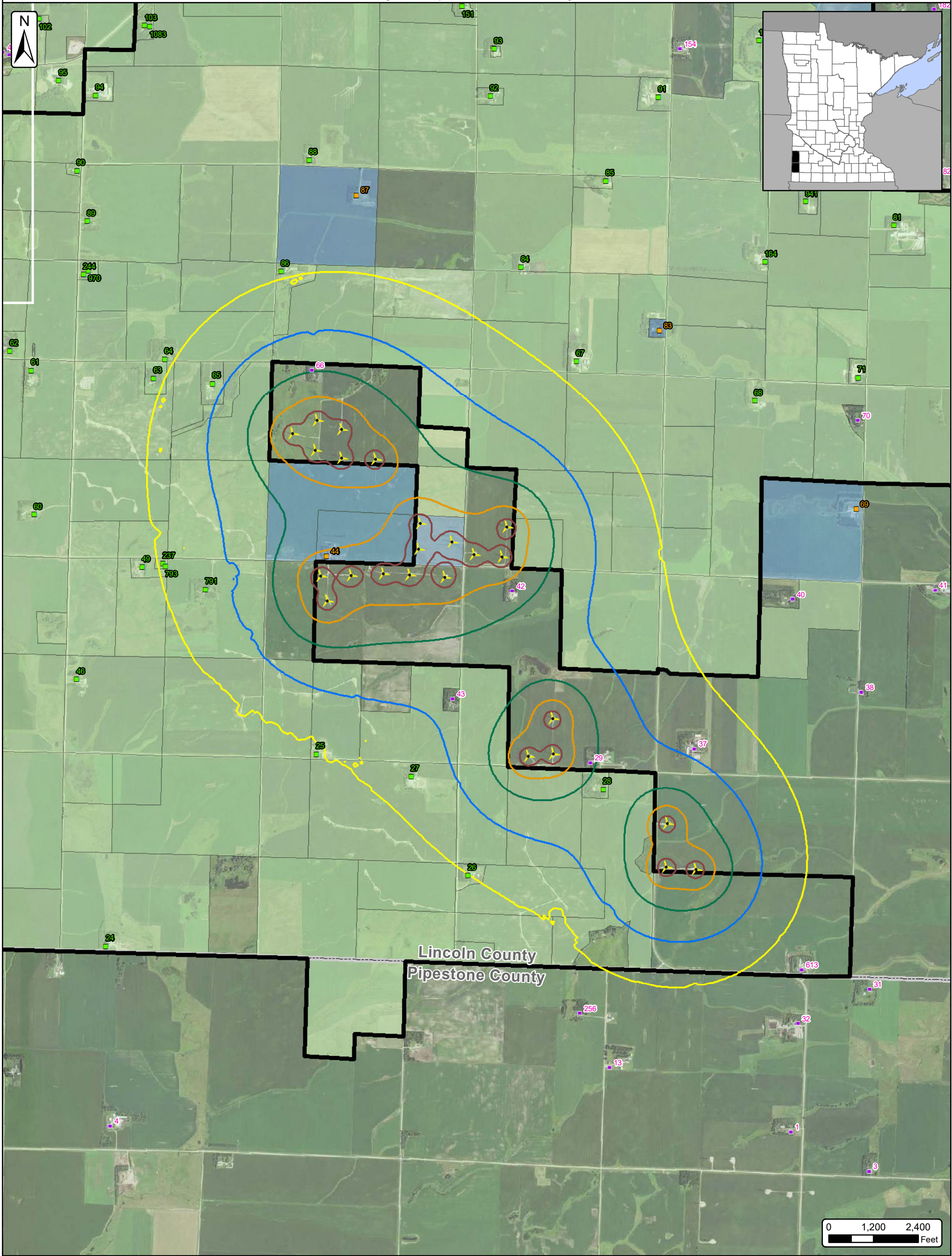
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SOURCE: USDA NAIP 2017 IMAGERY

Buffalo Ridge Wind

Figure 18 - Ruthton Only L₅₀ Sound Level Modeling Results

Lincoln County & Pipestone County, Minnesota





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SOURCE: USDA NAIP 2017 IMAGERY

