Dennis & Amy Winterland

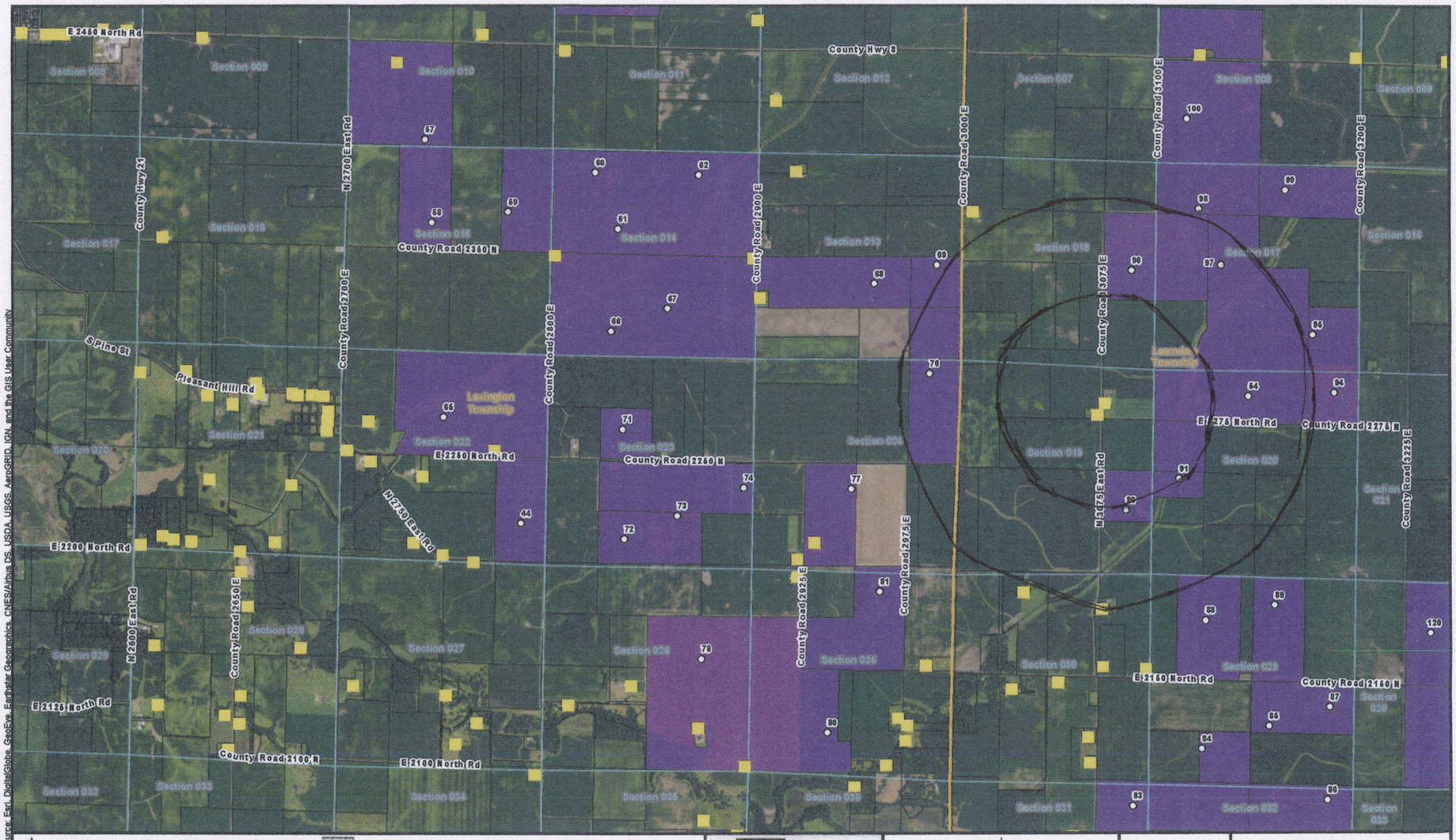

Figure 3
Turbine Locations and Residences
McLean Wind Project
McLean County, Illinois
Page 5 of 6

Source: Esri, McLean County Wind Energy LLC, McLean County, and Burns & McDonnell Engineering Company, Inc.

Issued: 12/7/2017

Path: Z:\Clients\ENS\Invenergy\103729_McLeanWindFarm\Studies\Geospatial\DataFiles\ArcDocs\SUP\103729_Invenergy_McLean_Fig3_Residences.mxd kcboatright 12/7/2017

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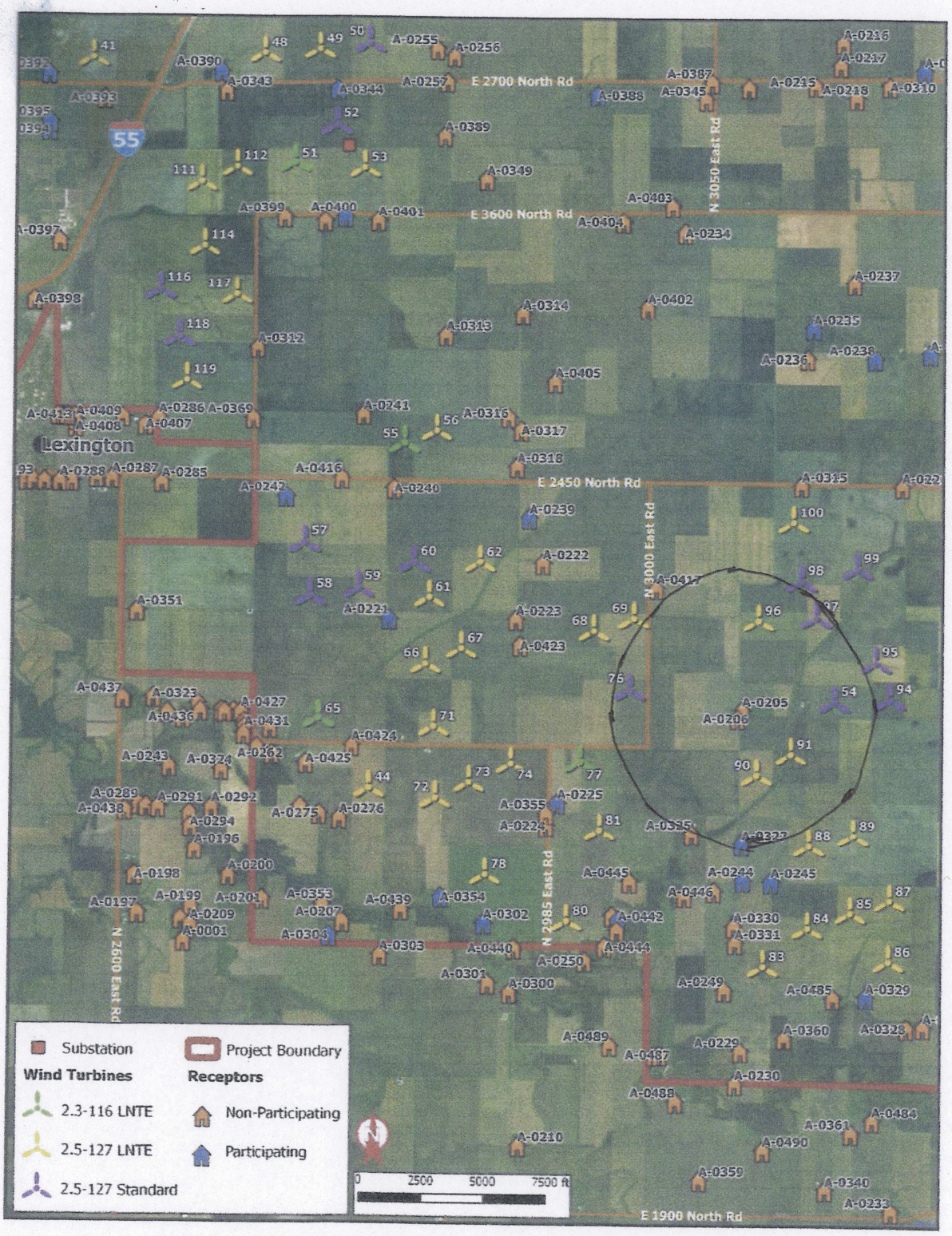
Case SU-17-11

Neutral ~~Obj.~~ Ex 4

Verizon 5:00 PM 83%
mcleancountyil.gov



Request
#76
#54
#94
#95
#97
#98

Be changed to LNTE

Figure 2c. McLean County Wind Energy Center Site Plan – Southwest Area

Verizon 5:05 PM 82%
mcleancountyil.gov

Table 3. Highest Predicted Noise Levels at Non-Participating Residences

Receptor ID	Participation Status	Octave Band Sound Pressure Level (dB)									Overall Level (dBA)
		31.5 Hz	63 Hz	125 Hz	250 Hz	500 Hz	1,000 Hz	2,000 Hz	4,000 Hz	8,000 Hz*	
A-0002	N	66.3	62.7	57.1	50.7	46.8	39.4	33.5	17.1	-27.0	48.3
A-0006	N	66.3	62.7	57.1	50.7	46.8	39.3	33.6	17.6	-25.9	48.3
A-0355	N	66.0	62.4	57.0	50.8	46.8	39.3	33.4	15.8		48.3
A-0424	N	65.6	62.1	56.8	50.7	46.8	39.3	34.7	20.2	-24.2	48.3
A-0393	N	66.1	62.5	56.9	50.5	46.7	39.1	33.7	19.0	-21.5	48.2
A-0009	N	65.9	62.4	56.9	50.6	46.6	39.1	33.5	16.2		48.1
A-0203	N	65.8	62.2	56.7	50.4	46.6	38.6	31.9	13.3		47.9
A-0240	N	65.3	61.7	56.4	50.5	46.6	38.6	33.5	18.8	-25.8	47.9
A-0254	N	64.6	61.0	55.6	49.8	46.6	38.8	32.7	16.1		47.6
A-0399	N	65.7	62.1	56.7	50.5	46.6	38.5	32.5	15.3		47.9
A-0097	N	64.8	61.1	55.7	49.9	46.5	37.9	29.8	9.5		47.3
A-0205	N	65.6	62.0	56.5	50.3	46.5	38.2	30.5	9.7		47.7
A-0206	N	65.6	62.0	56.5	50.3	46.5	38.2	30.8	10.8		47.7
A-0223	N	65.9	62.3	56.8	50.4	46.5	38.6	31.6	11.8		47.9
A-0224	N	65.8	62.3	56.8	50.5	46.5	38.9	32.8	14.5		48.0
A-0417	N	65.6	62.1	56.5	50.3	46.5	38.9	33.3	17.9	-24.5	47.9
A-0093	N	65.7	62.2	56.8	50.7	46.4	38.7	34.0	18.8	-28.0	48.1
A-0095	N	65.4	61.8	56.7	50.7	46.4	38.6	34.5	20.4	-23.9	48.0
A-0116	N	65.9	62.3	56.7	50.3	46.4	38.9	32.4	13.0		47.9
A-0343	N	65.9	62.3	56.7	50.3	46.4	38.3	31.7	13.8		47.8
A-0423	N	65.9	62.3	56.7	50.4	46.4	38.4	31.2	11.2		47.8
A-0008	N	66.0	62.4	56.8	50.3	46.3	38.8	32.8	15.7		47.9
A-0127	N	65.4	61.8	56.4	50.3	46.3	37.8	31.2	13.3		47.5
A-0331	N	65.5	61.9	56.4	50.1	46.3	39.1	33.9	19.0	-22.0	47.9
A-0005	N	65.9	62.3	56.7	50.3	46.2	38.2	31.3	12.3		47.7
A-0383	N	65.8	62.2	56.6	50.2	46.2	38.2	31.6	13.6		47.6
A-0296	N	63.9	60.4	55.0	49.2	46.0	38.6	32.7	15.7		47.1
A-0356	N	64.2	60.7	55.3	49.3	46.0	39.0	34.0	18.4	-25.6	47.3
IPCB Limit	N	69	67	62	54	47	41	36	32	32	†

Winterland

* Blank fields indicate that the predicted noise level for that octave band is < -60 dB
† No IPCB limit exists for the overall level

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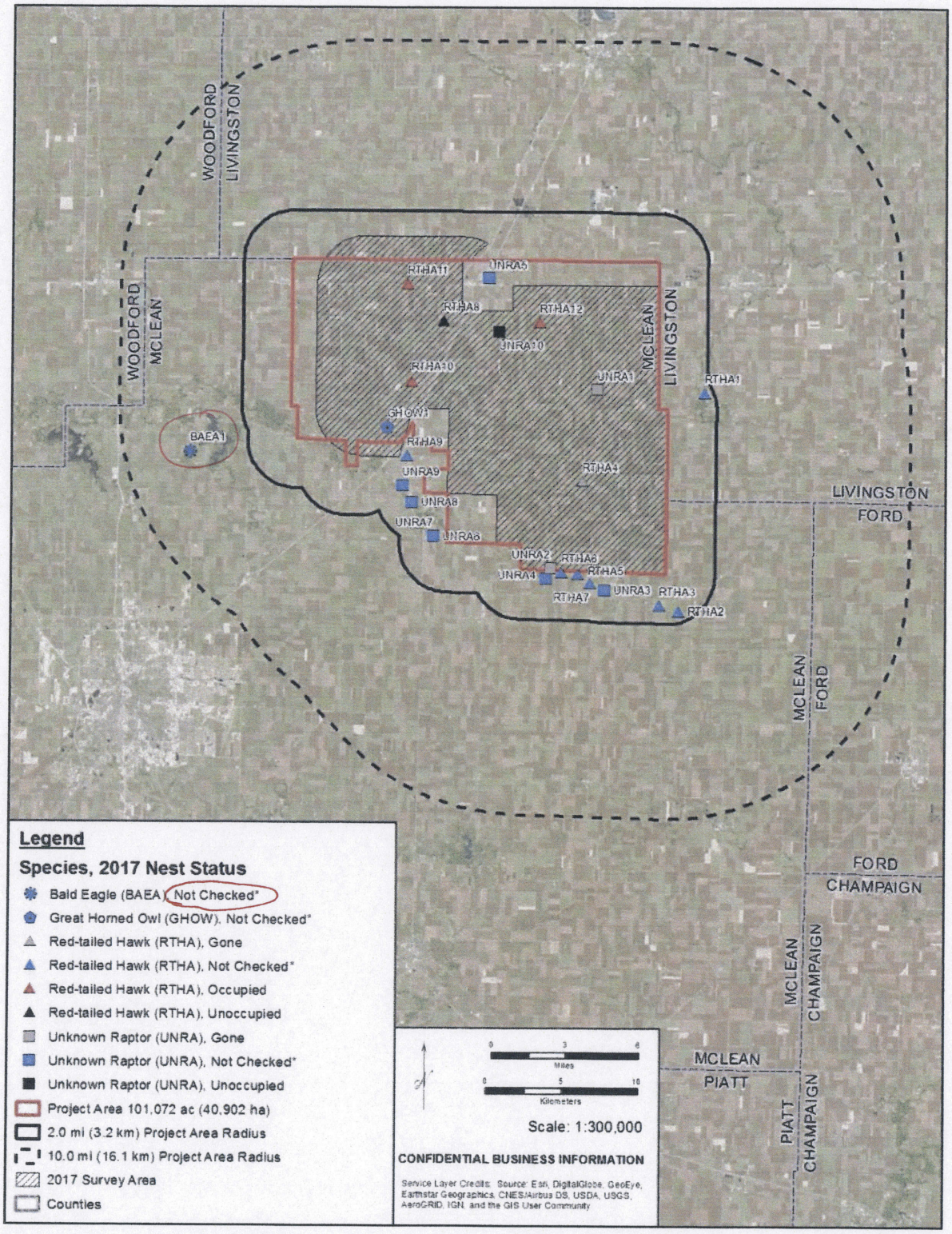
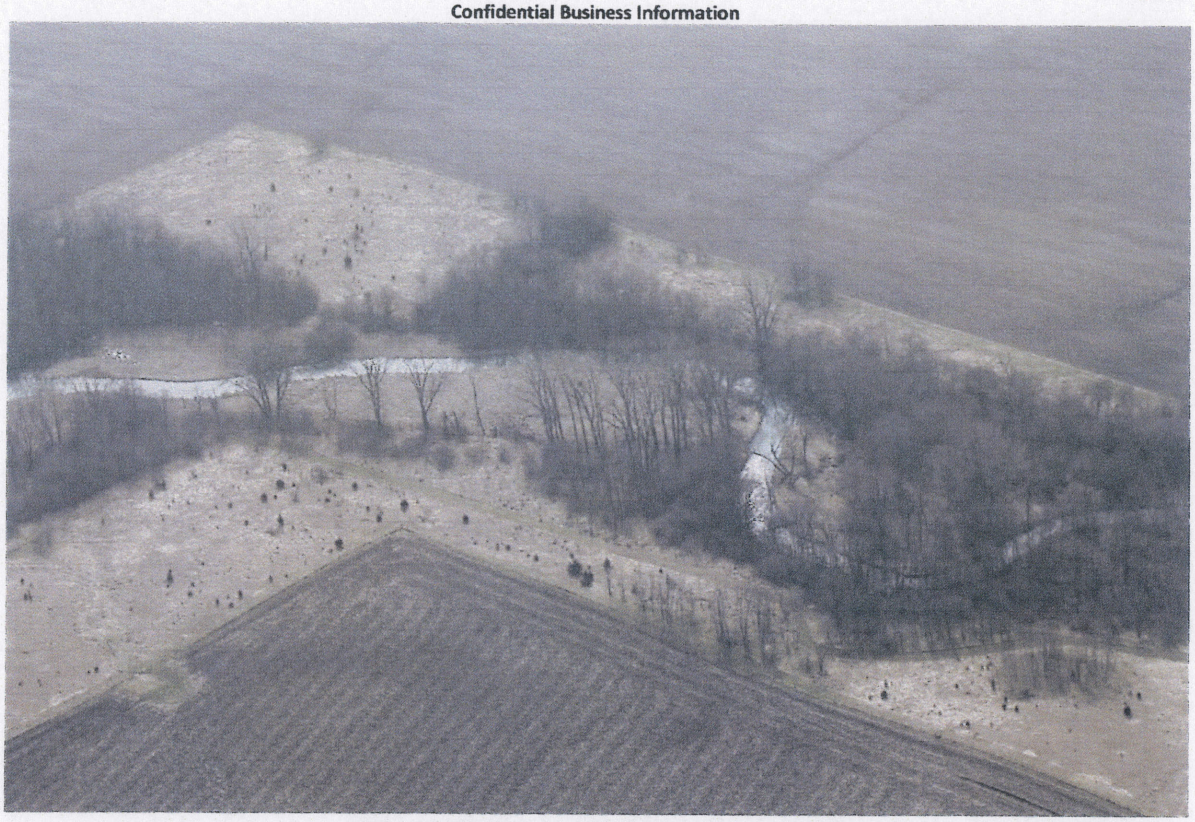


Figure 3. Map of the 2016/2017 raptor nest survey results within 10.0 mi (16.1 km) of the proposed McLean County Wind Energy Center, McLean County, Illinois, 2017

*These nests were not checked during the site surveys.



N10mi-BAEA01 surroundings (view from north)

N10mi-BAEA01 nest (view from north)

from 2016 Eagle & Other Raptor Nest Survey Report

Typical medium size (20–36") stick nest (N44-GHOW01, photo from east)

Typical wind break and surrounding agricultural fields within Project area.

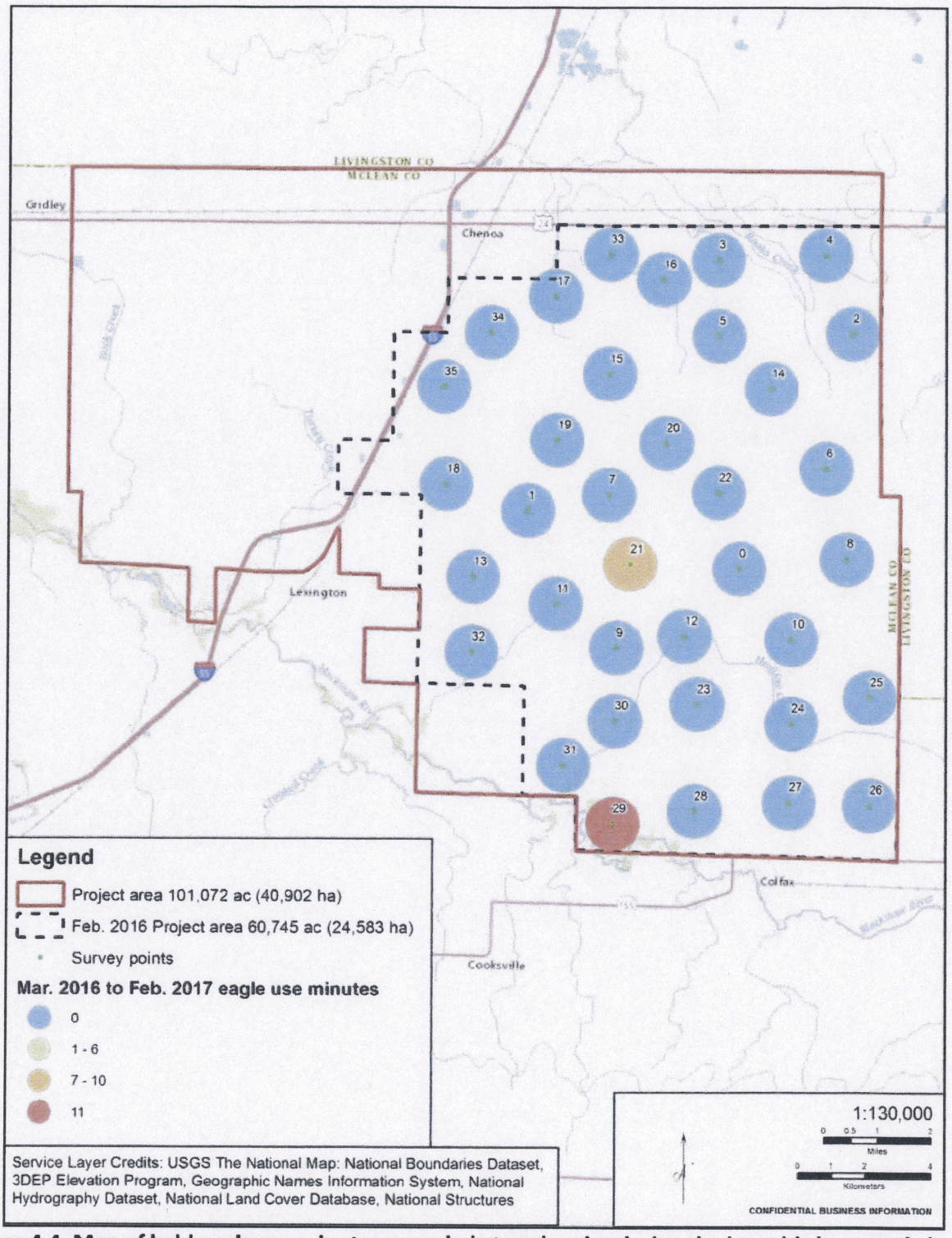


Figure 4.4. Map of bald eagle use minutes recorded at each point during the large bird use study in the proposed McLean County Wind Energy Center Project area, McLean County, Illinois, March 2016–February 2017[5]

[5] An additional 25 survey points are currently being studied in the portion of the Project area that extends beyond the February 2016 Project area boundary.