

G:\Projects\2\NY\6240\MXD\11x17\Sound\7-L2_Sound_Results_A2_Map_Series_11x17_20241024.mxd



LEGEND

Wind Turbine

Construction Site

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

City/Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

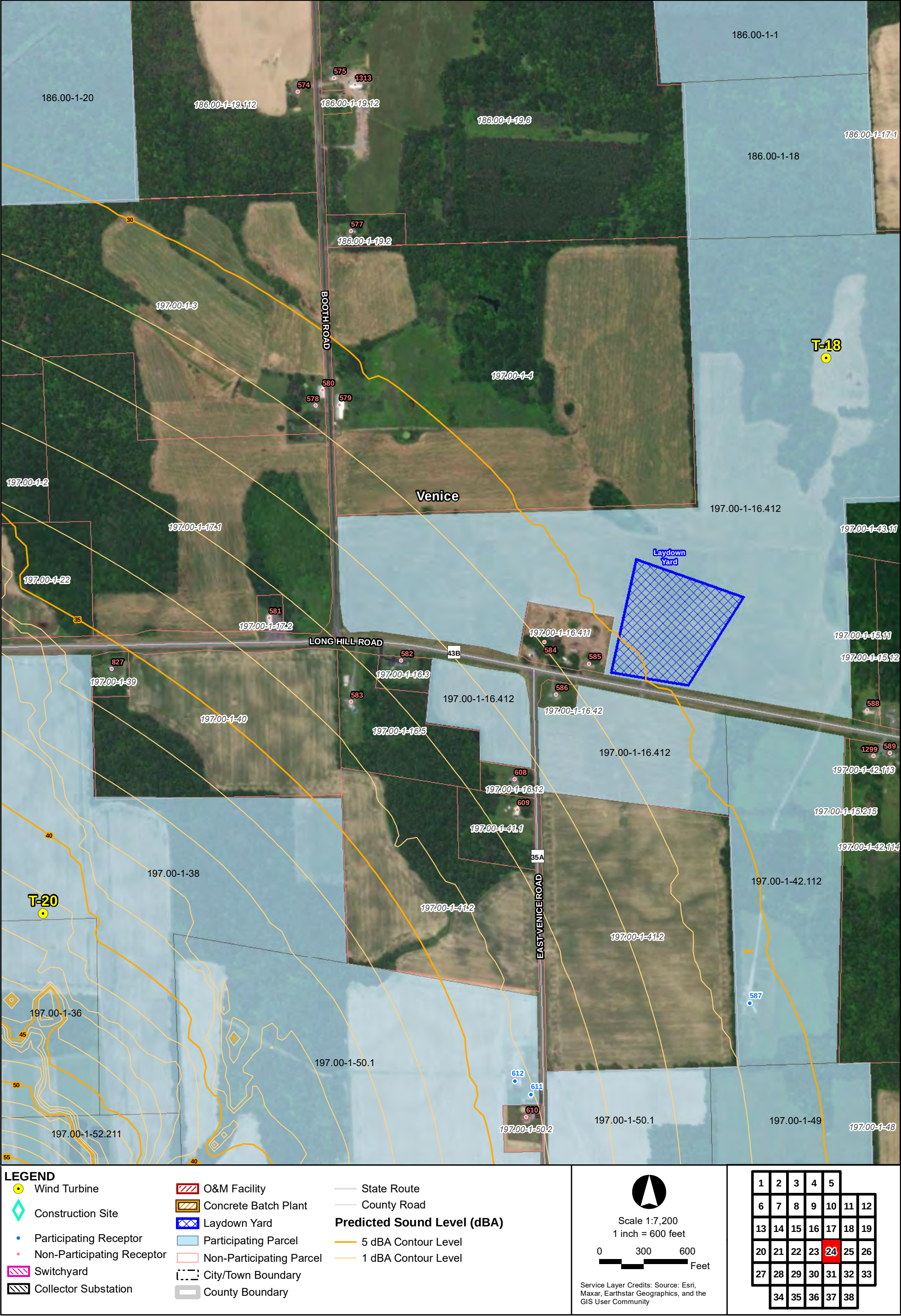
Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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20	21	22	23	24	25	26
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0 300 600 Feet

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1	2	3	4	5
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11	12	13	14	15
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31	32	33	34	35
36	37	38	39	40

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0

300

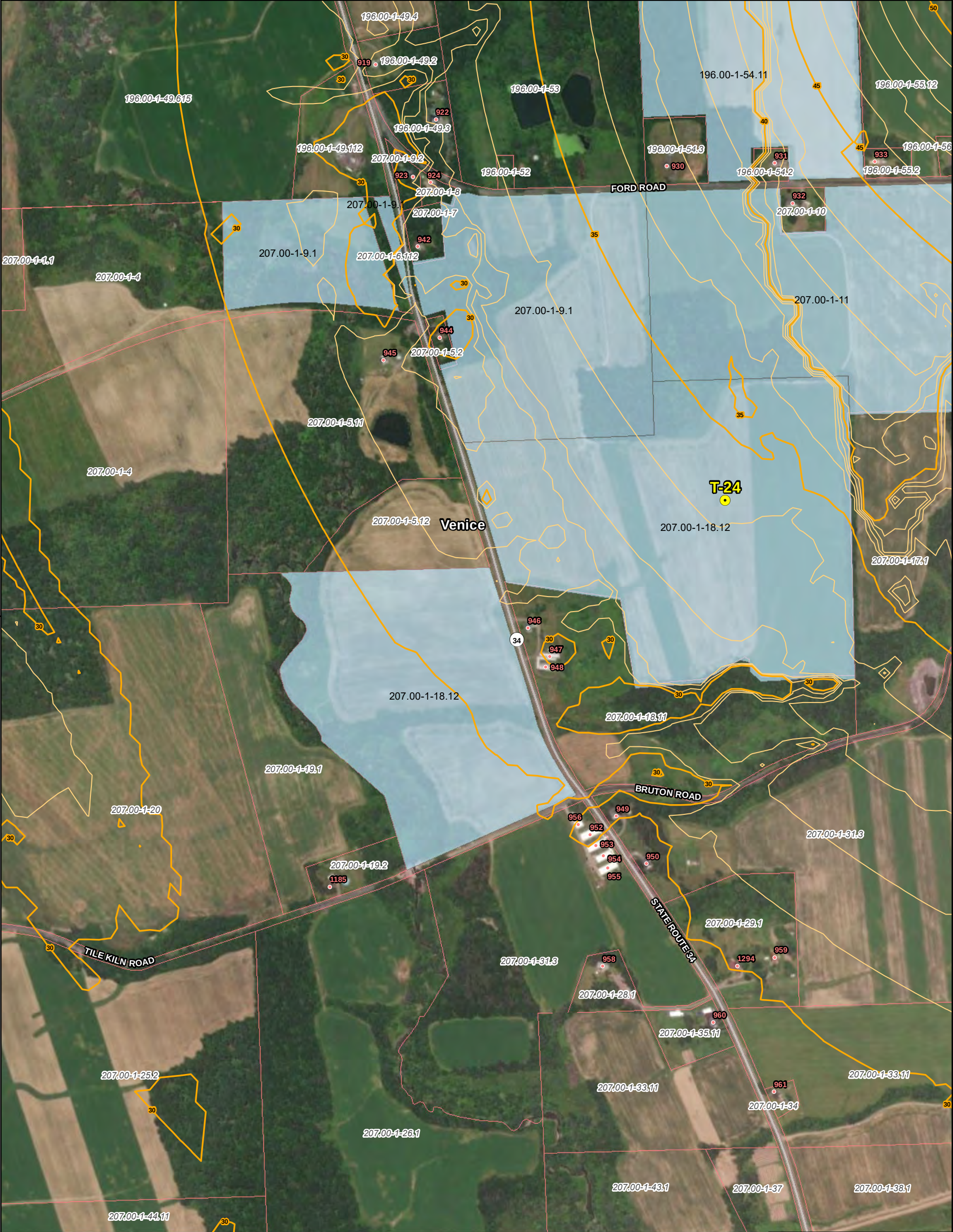
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Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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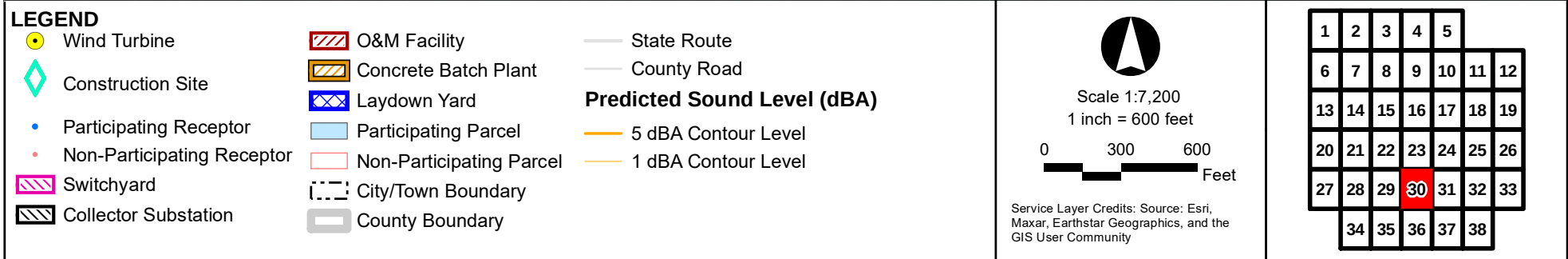
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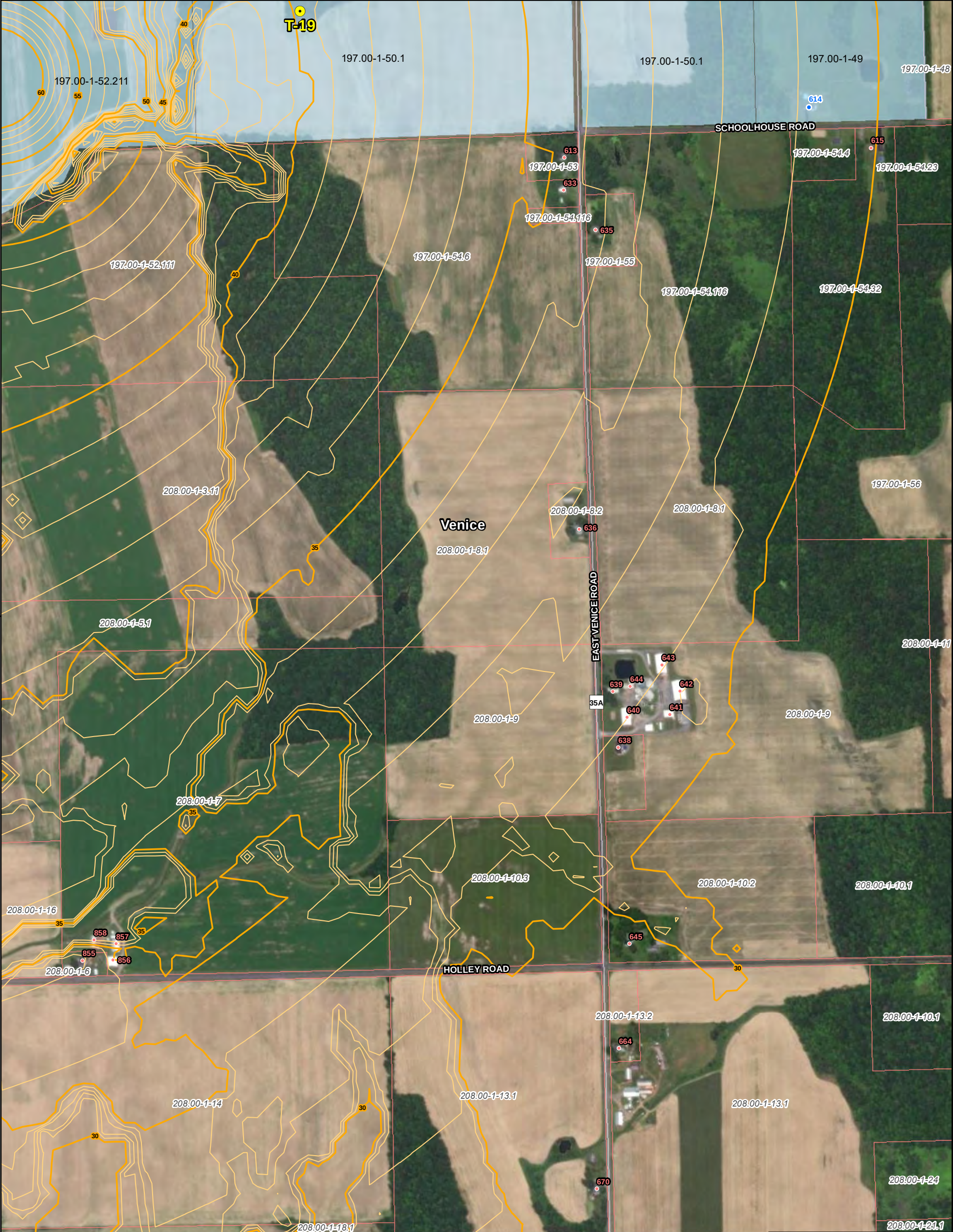
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- 1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

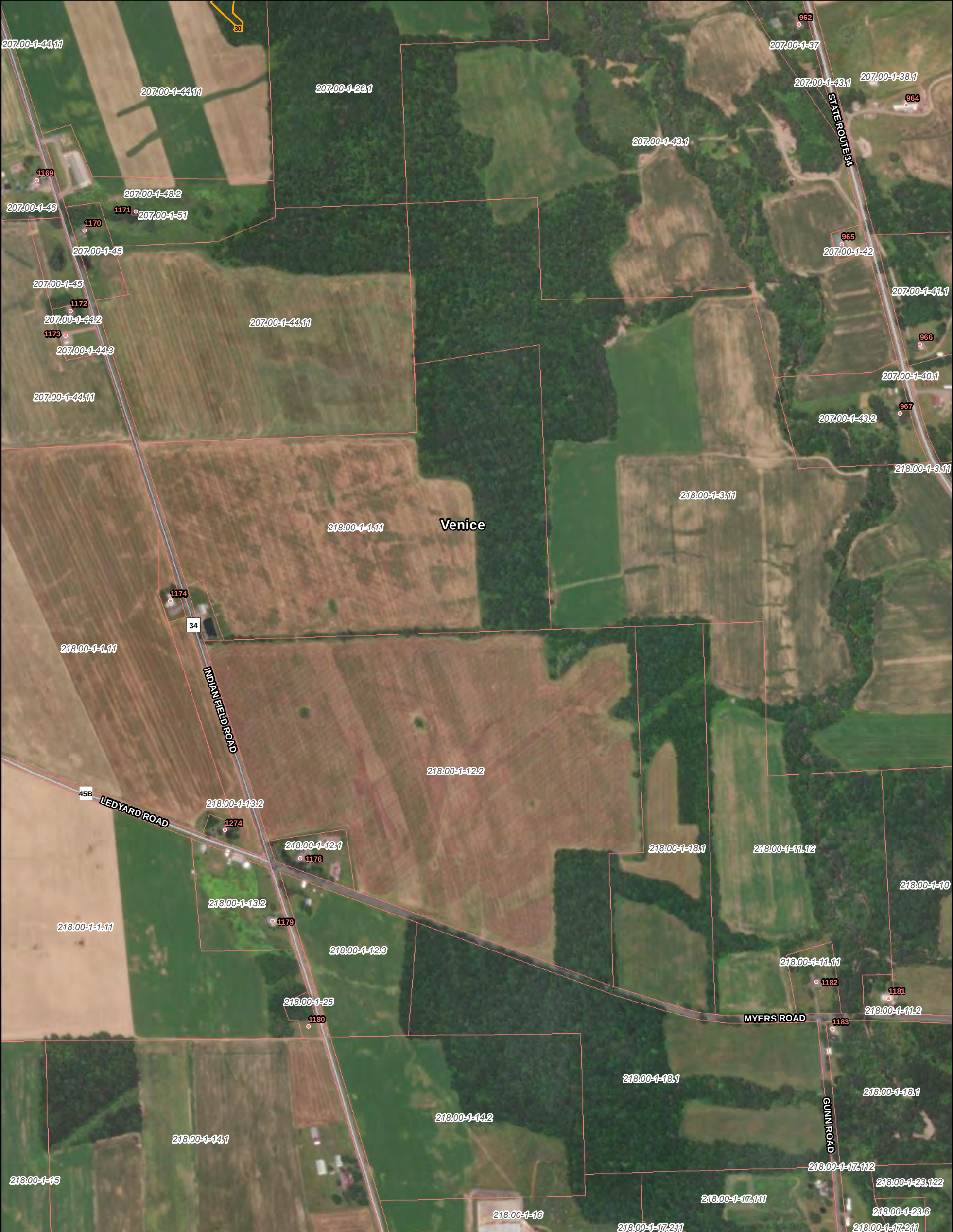
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Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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Scale 1:7,200
1 inch = 600 feet

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County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

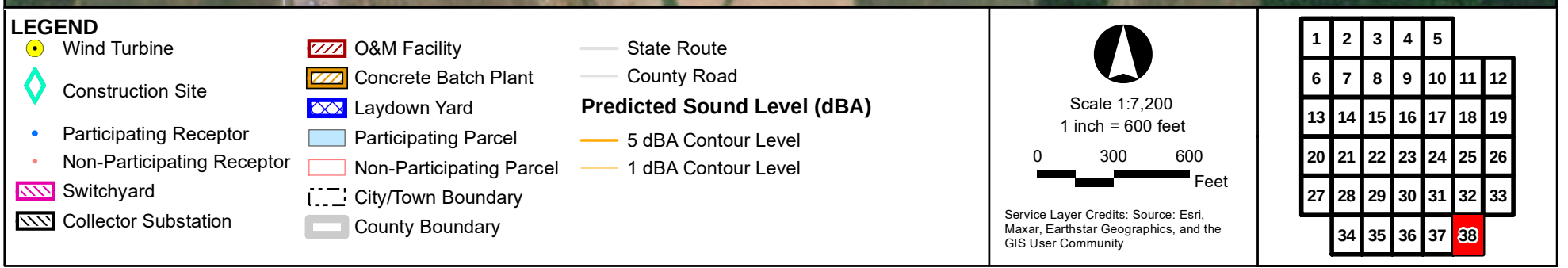
1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

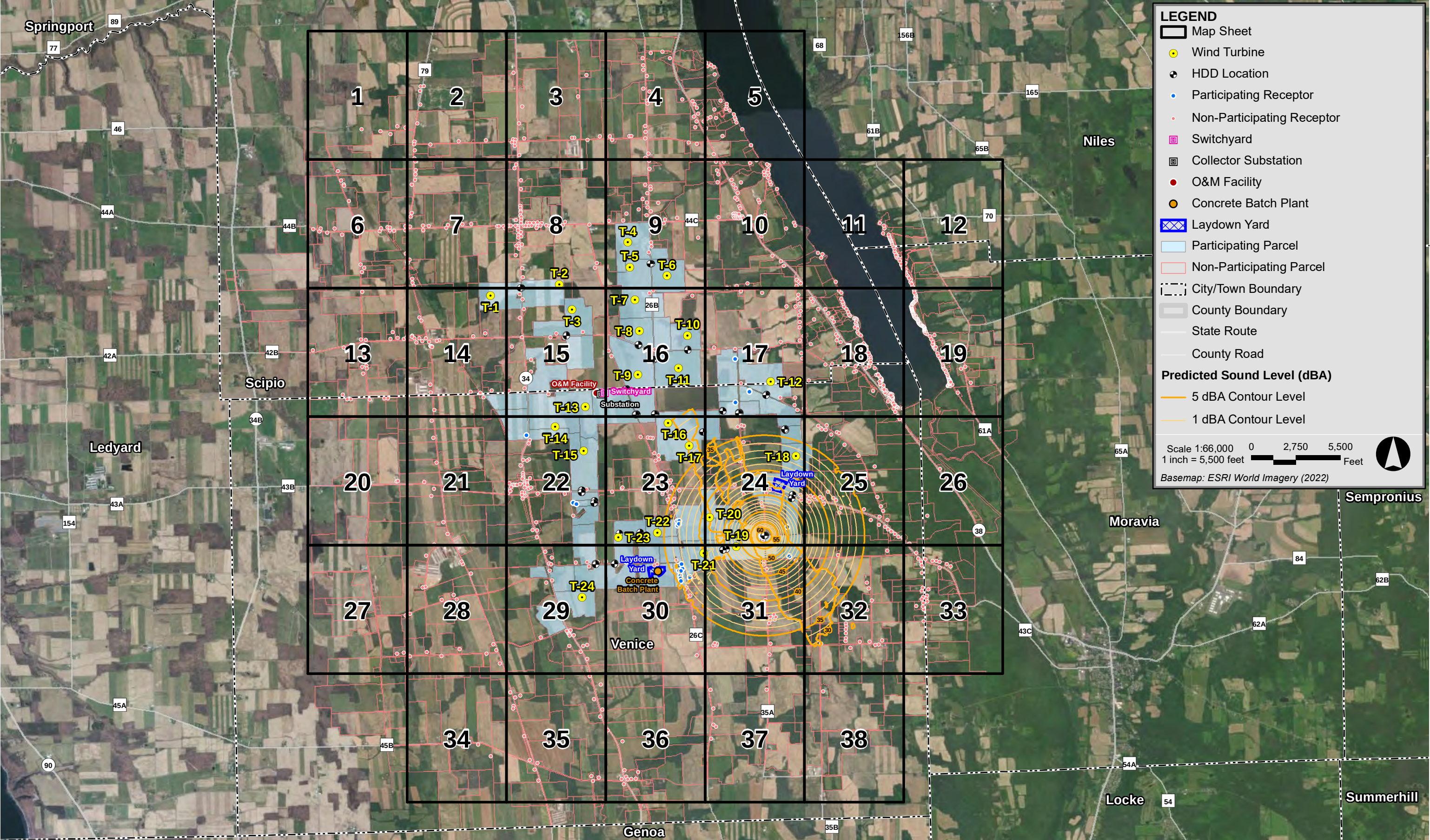
0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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LEGEND

Wind Turbine

HDD Location

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

City/Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200

1 inch = 600 feet

0

300

600

Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4	5		
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27	28	29	30	31	32	33
	34	35	36	37	38	

Agricola Wind Cayuga County, NY

Epsilon
ASSOCIATES INC.

Figure 7-j.3, Map 2 of 38
Construction Sound Level Modeling Results – Area 3: Construction Sound Levels (HDD)

G:\Projects\2\NY\16240\MXD\11x17\Sound\7-j.3 Sound Results A3 Map Series 11x17 2024\024.mxd



Wind Turbine

HDD Location

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

City/Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200

1 inch = 600 feet

0

300

600

Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4	5		
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27	28	29	30	31	32	33
34	35	36	37	38		

Agricola Wind Cayuga County, NY

Epsilon
ASSOCIATES INC.

Figure 7-j.3, Map 3 of 38
Construction Sound Level Modeling Results – Area 3: Construction Sound Levels (HDD)

G:\Projects\2\NY\16240\MXD\11x17\Sound\7-j.3 Sound Results A3 Map Series 11x17 20241024.mxd



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LEGEND

- Wind Turbine
- HDD Location
- Participating Receptor
- Non-Participating Receptor
- Switchyard
- Collector Substation
- O&M Facility
- Concrete Batch Plant
- Laydown Yard
- Participating Parcel
- Non-Participating Parcel
- City/Town Boundary
- County Boundary
- State Route
- County Road

Predicted Sound Level (dBA)

- 5 dBA Contour Level
- 1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

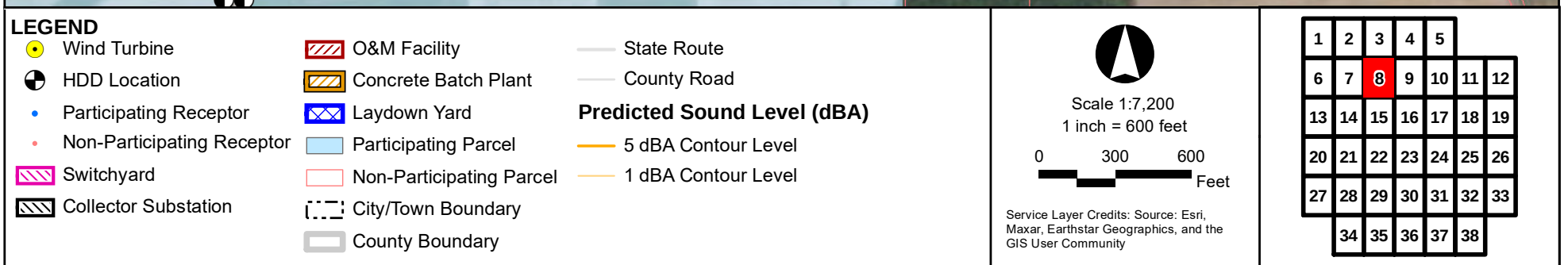
0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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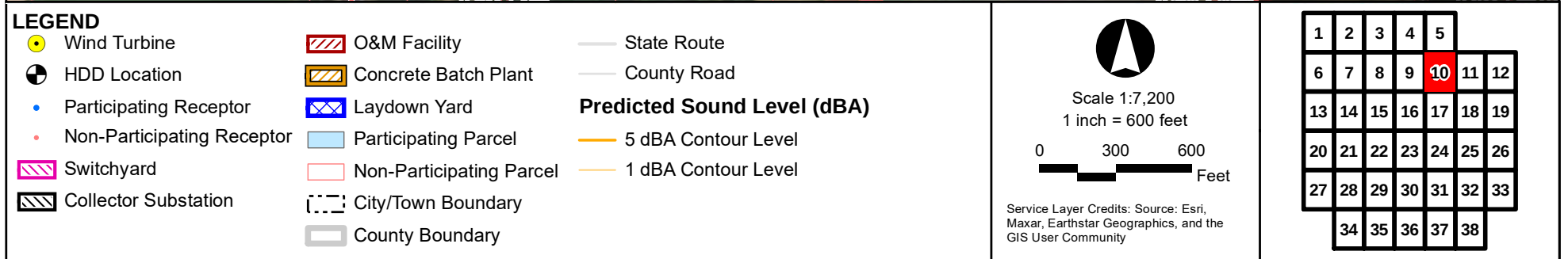
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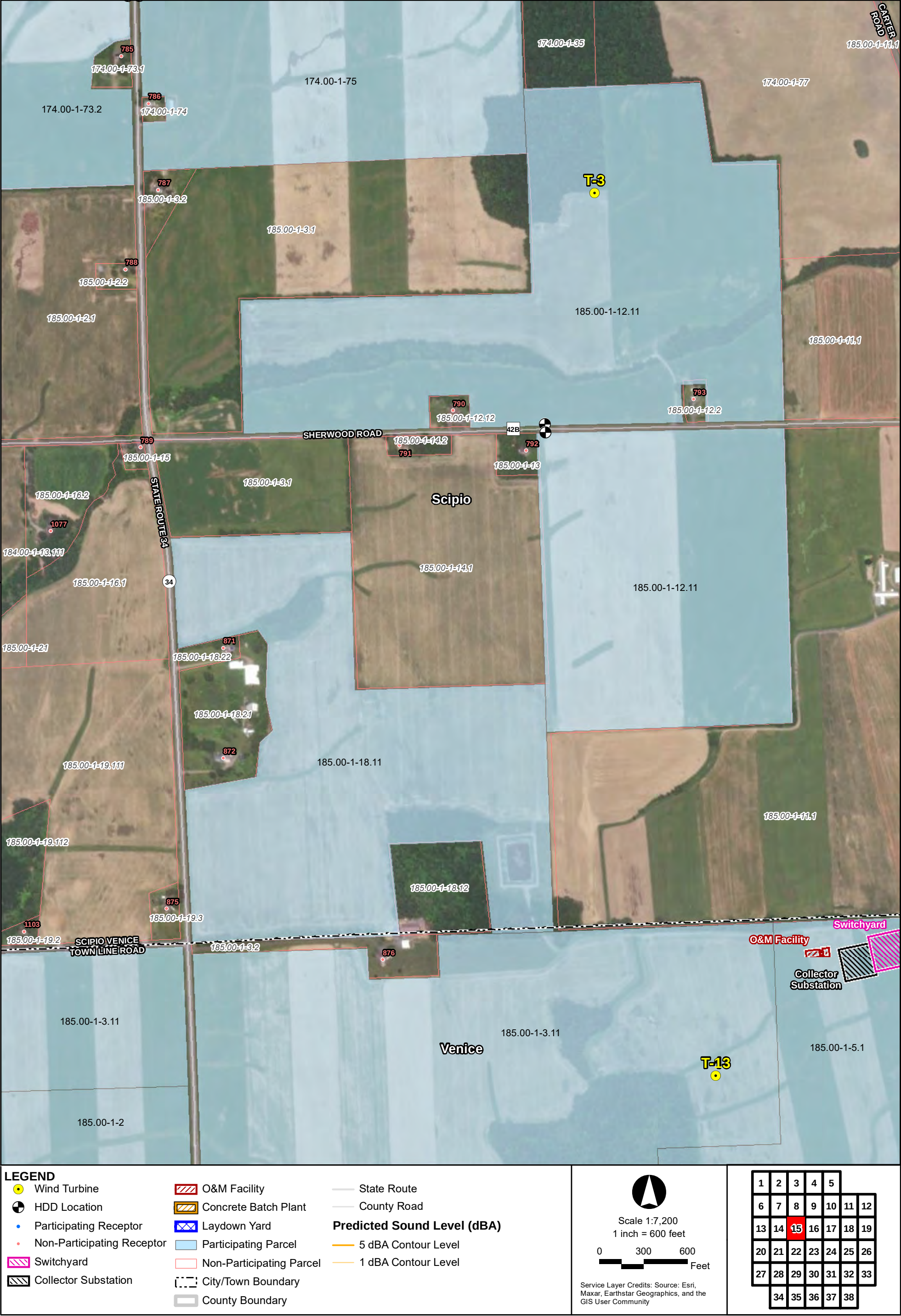
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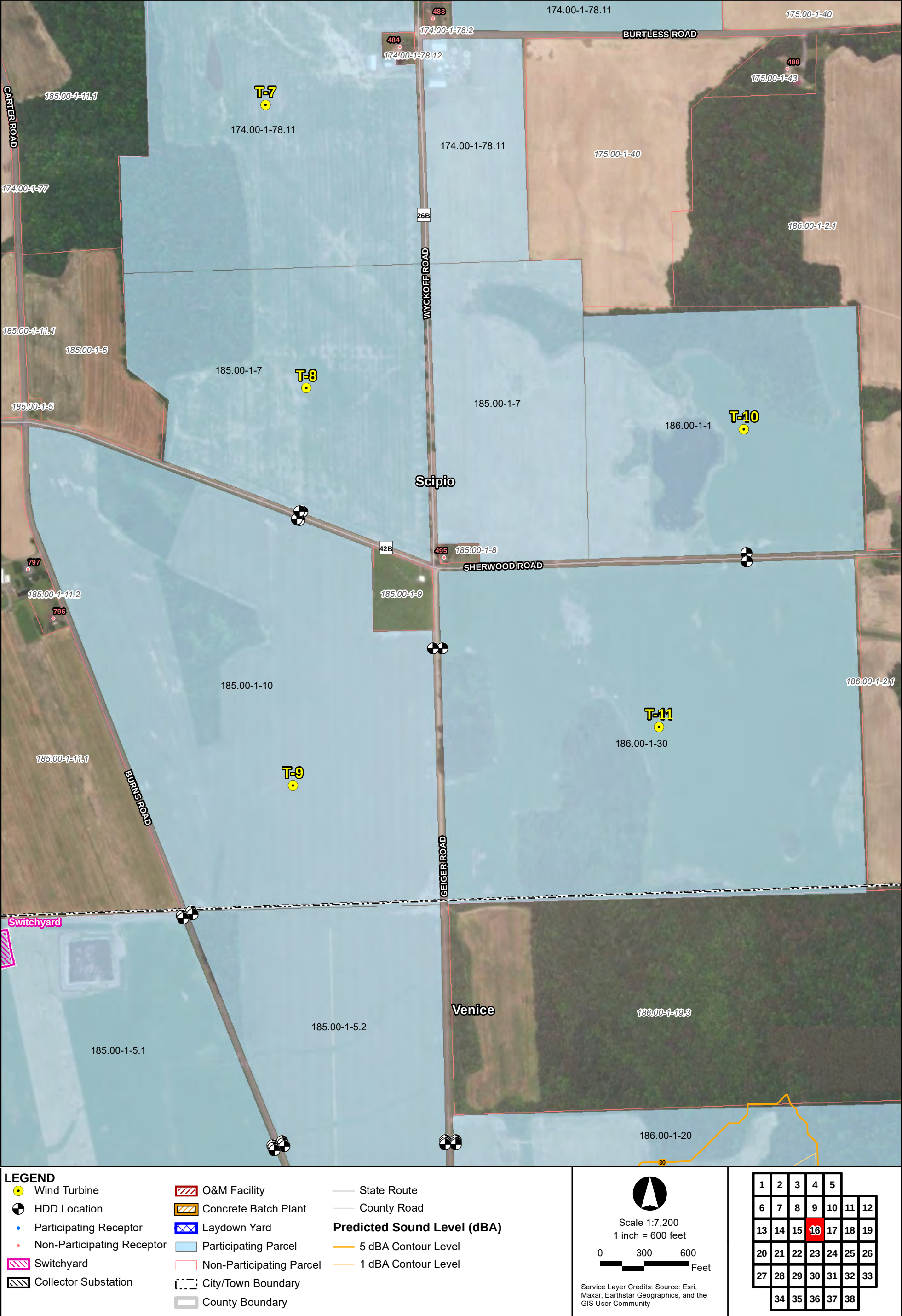
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Switchyard

Collector Substation

O&M Facility

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Non-Participating Parcel

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1	2	3	4	5	
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18	19	20	21	22	23
24	25	26	27	28	29
30	31	32	33	34	35
36	37	38			

G:\Projects\2\NY\6240\MXD\11x17\Sound\7-i.3 Sound Results A3 Map Series 11x17 2024\1024.mxd



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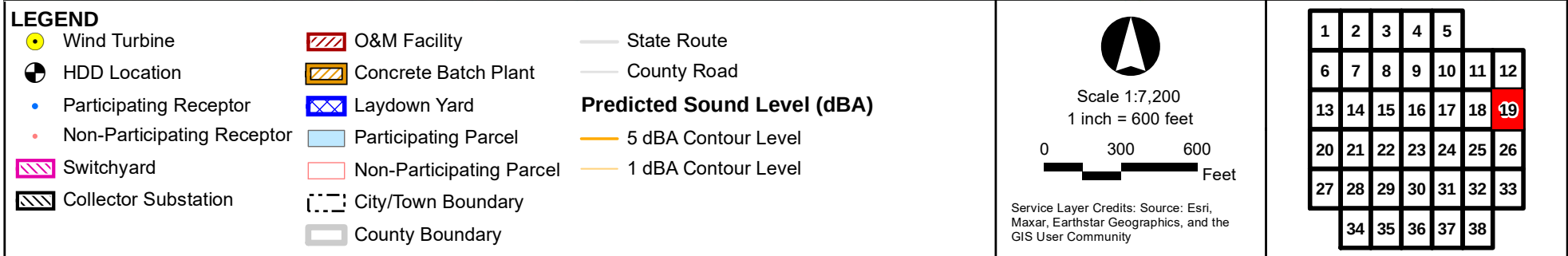
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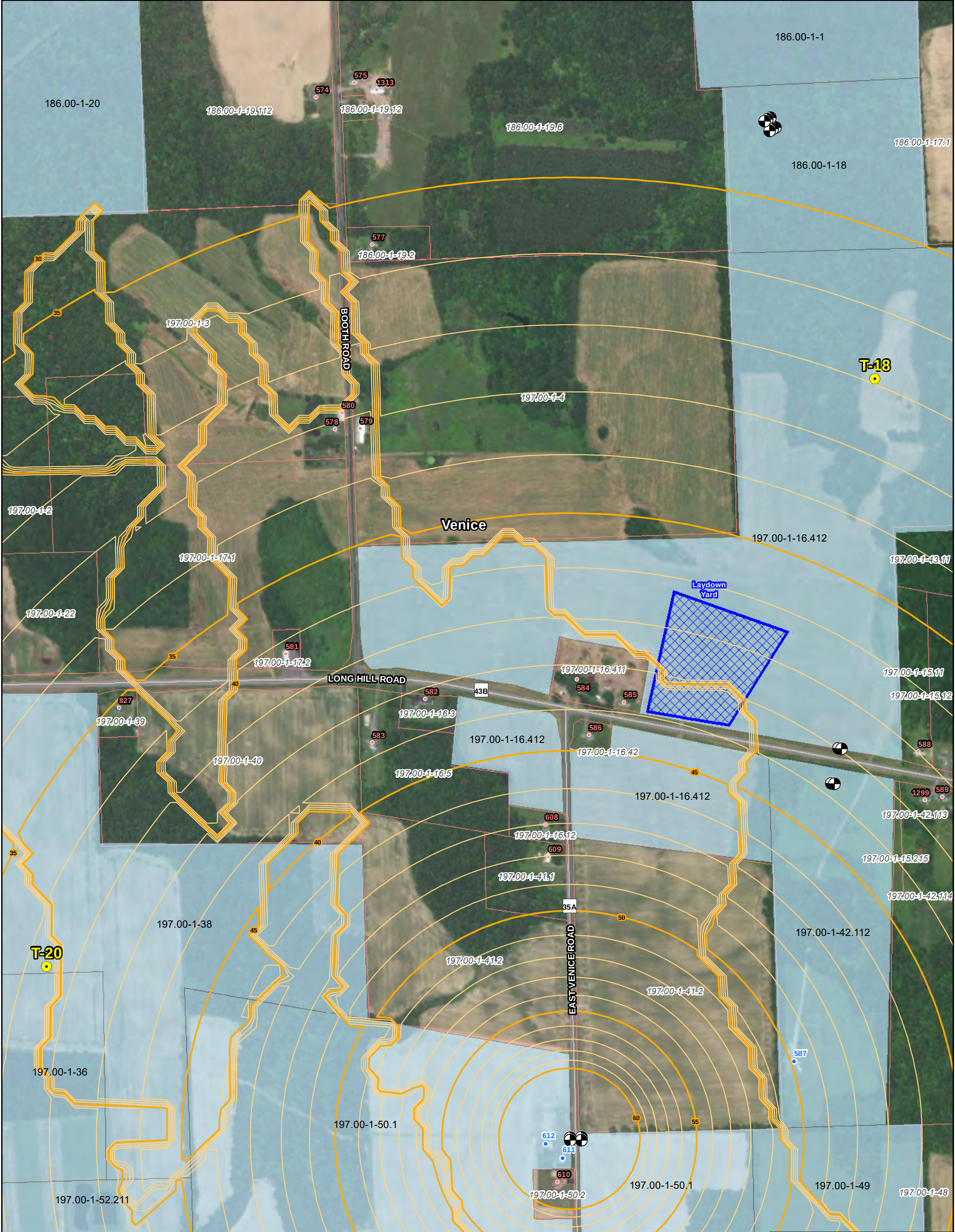
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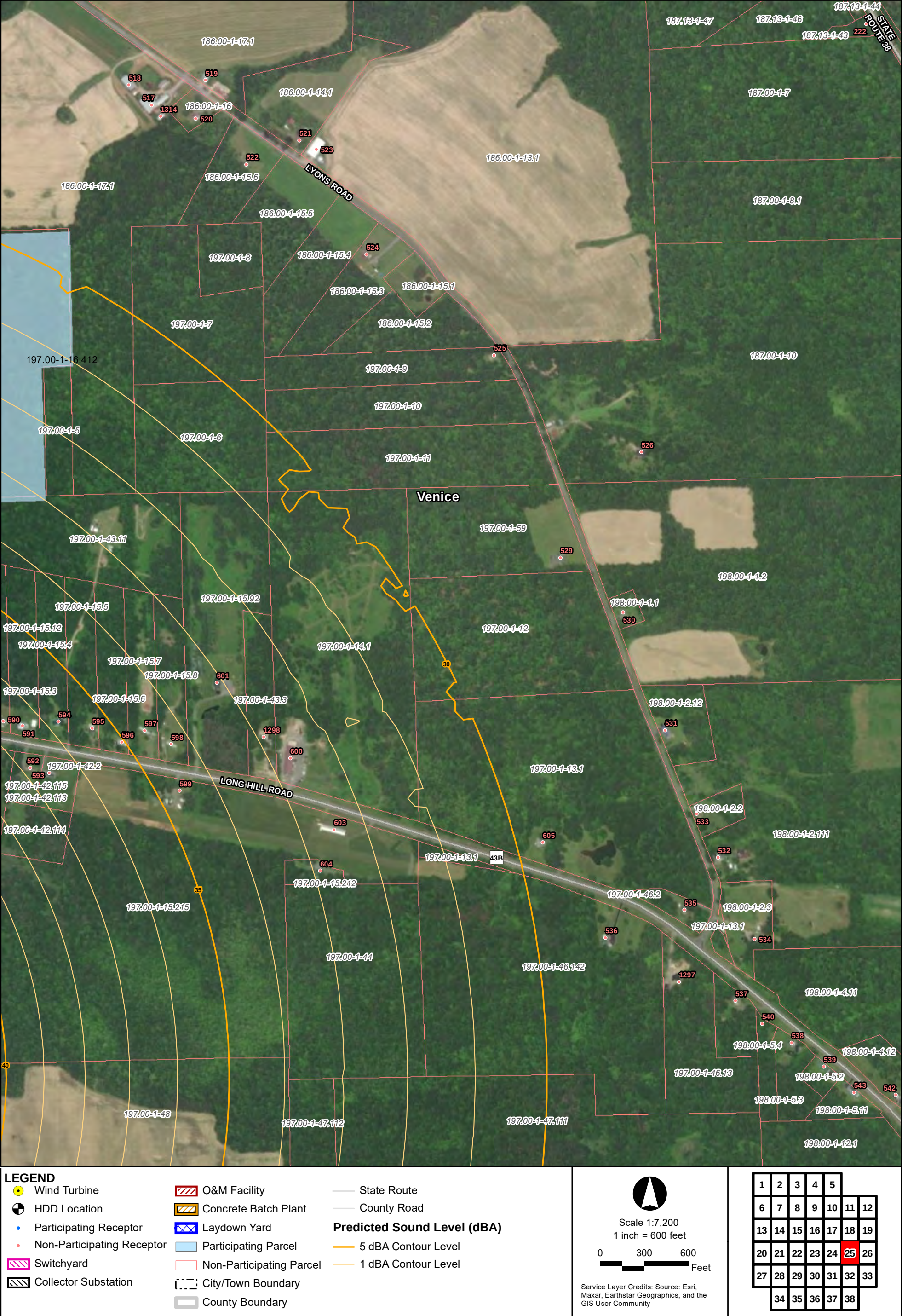
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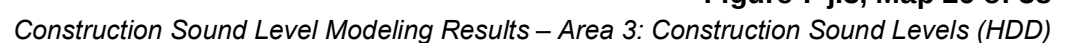
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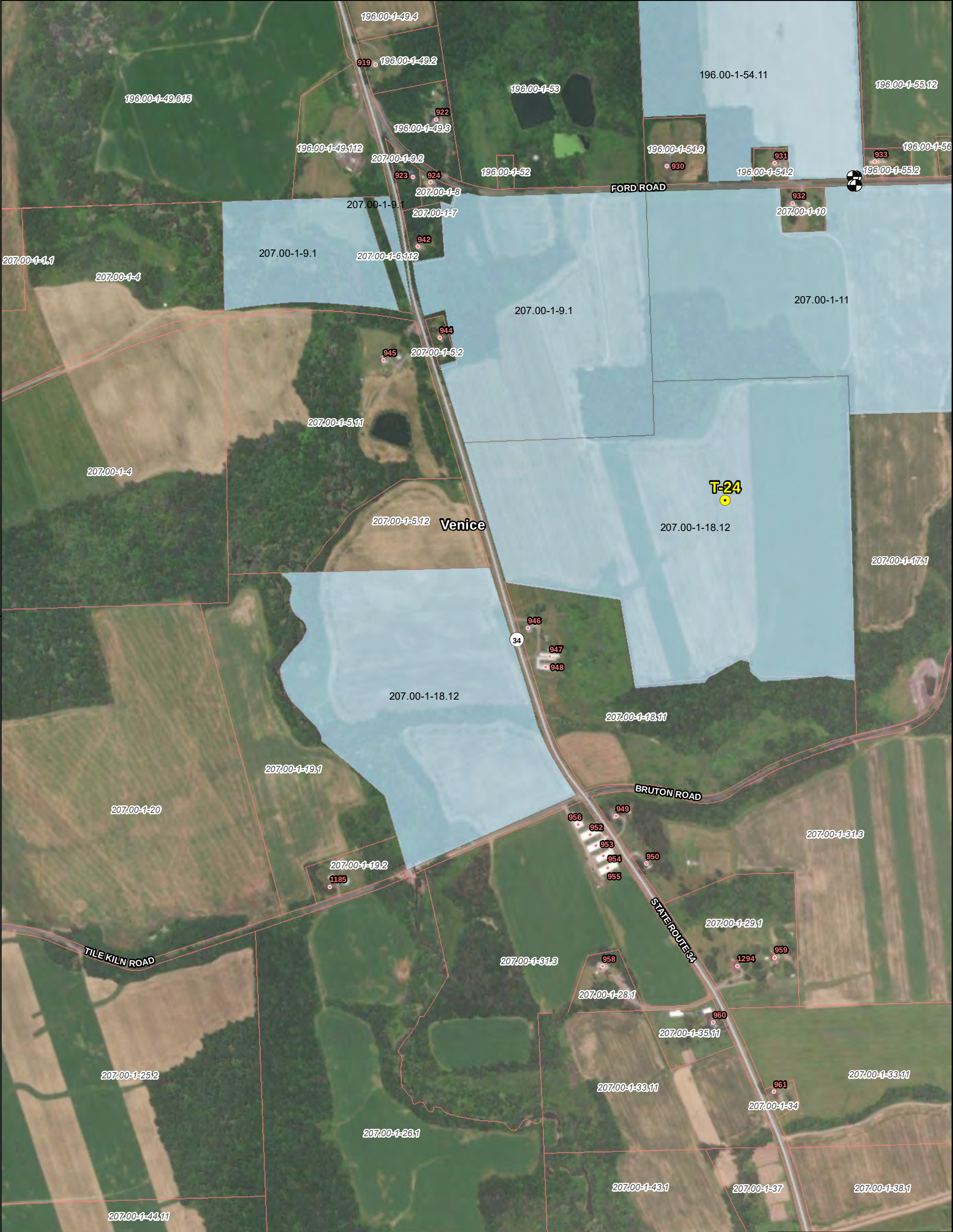
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Feet

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27	28	29	30	31	32	33
34	35	36	37	38		

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LEGEND

Wind Turbine

HDD Location

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

City/Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

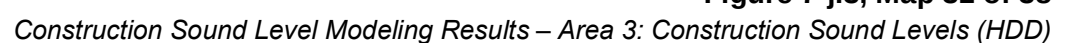
1 dBA Contour Level

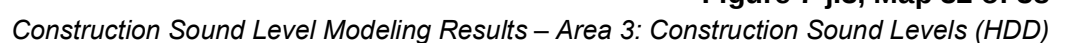
Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	32	33
34	35	36	37	38		





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LEGEND

Wind Turbine

HDD Location

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

City/Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0300600

Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4	5			
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	
27	28	29	30	31	32	33	
34	35	36	37	38			

Agricola Wind Cayuga County, NY

Epsilon
ASSOCIATES INC.

Figure 7-j.3, Map 33 of 38
Construction Sound Level Modeling Results – Area 3: Construction Sound Levels (HDD)

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LEGEND

- Wind Turbine
- HDD Location
- Participating Receptor
- Non-Participating Receptor
- Switchyard
- Collector Substation
- O&M Facility
- Concrete Batch Plant
- Laydown Yard
- Participating Parcel
- Non-Participating Parcel
- City/Town Boundary
- County Boundary
- State Route
- County Road

Predicted Sound Level (dBA)

- 5 dBA Contour Level
- 1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	32	33
	34	35	36	37	38	

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Wind Turbine

HDD Location

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

City/Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200

1 inch = 600 feet

0

300

600

Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	32	33
34	35	36	37	38		

Agricola Wind Cayuga County, NY

Epsilon
ASSOCIATES INC.

Figure 7-j.3, Map 35 of 38
Construction Sound Level Modeling Results – Area 3: Construction Sound Levels (HDD)

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LEGEND

Wind Turbine

HDD Location

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

City/Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0300600

Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	32	33
34	35	36	37	38		

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LEGEND

Wind Turbine

HDD Location

Participating Receptor

Non-Participating Receptor

Switchyard

Collector Substation

O&M Facility

Concrete Batch Plant

Laydown Yard

Participating Parcel

Non-Participating Parcel

City/Town Boundary

County Boundary

State Route

County Road

Predicted Sound Level (dBA)

5 dBA Contour Level

1 dBA Contour Level

Scale 1:7,200
1 inch = 600 feet

0 300 600 Feet

Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	32	33
34	35	36	37	38		



Appendix 7-A

List of Modeled Sound Sources

Table 7-1.1a: Modeled Sources Sources in the Cadna/A Model - V150-4.5

Name	ID	Relative Source Height	Coordinates		Elevation + Source Height
			NAD83 2011 State Plane New York Central (FIPS)		
		X	Y	Z	
		(m)	(m)	(m)	(m)
O&M AC	O&M AC	2	373948.50	4734786.70	376.67
HVAC	HVAC1	2	374073.83	4734819.02	382.92
HVAC	HVAC2	2	374074.60	4734815.36	382.87
HVAC	HVAC3	2	374044.94	4734811.31	382.16
HVAC	HVAC4	2	374036.58	4734809.54	381.93
Substation Transformer	Transformer_1	4	374022.19	4734756.98	382.52
Substation Transformer	Transformer_2	4	374016.12	4734785.59	383.13
V150-4.5 Wind Turbine	T-8	120	374746.05	4735963.12	522.52
V150-4.5 Wind Turbine	T-4	120	374529.73	4737625.20	512.03
V150-4.5 Wind Turbine	T-5	120	374565.59	4737158.51	517.25
V150-4.5 Wind Turbine	T-7	120	374661.26	4736550.20	523.00
V150-4.5 Wind Turbine	T-24	120	373667.73	4730958.18	444.69
V150-4.5 Wind Turbine	T-21	120	375954.11	4731784.90	512.13
V150-4.5 Wind Turbine	T-12	120	377211.26	4735010.34	505.00
V150-4.5 Wind Turbine	T-13	120	373730.13	4734536.81	480.94
V150-4.5 Wind Turbine	T-14	120	373165.16	4734164.55	471.93
V150-4.5 Wind Turbine	T-3	120	373478.92	4736366.58	501.06
V150-4.5 Wind Turbine	T-23	120	374353.79	4732088.58	486.27
V150-4.5 Wind Turbine	T-9	120	374717.94	4735141.02	523.73
V150-4.5 Wind Turbine	T-11	120	375476.35	4735262.04	532.00
V150-4.5 Wind Turbine	T-16	120	375281.68	4734240.44	528.15
V150-4.5 Wind Turbine	T-6	120	375264.28	4736997.71	514.00
V150-4.5 Wind Turbine	T-17	120	375682.28	4733807.24	533.13
V150-4.5 Wind Turbine	T-19	120	376564.09	4731917.12	530.36
V150-4.5 Wind Turbine	T-15	120	373700.21	4733707.10	476.46
V150-4.5 Wind Turbine	T-22	120	375084.26	4732179.39	491.48
V150-4.5 Wind Turbine	T-10	120	375651.84	4735877.69	523.80
V150-4.5 Wind Turbine	T-18	120	377688.60	4733610.84	526.00
V150-4.5 Wind Turbine	T-20	120	376065.10	4732459.42	528.80
V150-4.5 Wind Turbine	T-1	120	371951.66	4736627.17	451.84
V150-4.5 Wind Turbine	T-2	120	373240.64	4736836.90	498.17

Table 7-1.1b: Modeled Sources Sources in the Cadna/A Model - V162-6.8

Name	ID	Relative Source Height	Coordinates NAD83 2011 State Plane New York Central (FIPS		Elevation + Source Height
			X	Y	
		(m)	(m)	(m)	(m)
O&M AC	O&M AC	2	373948.50	4734786.70	376.67
HVAC	HVAC1	2	374073.83	4734819.02	382.92
HVAC	HVAC2	2	374074.60	4734815.36	382.87
HVAC	HVAC3	2	374044.94	4734811.31	382.16
HVAC	HVAC4	2	374036.58	4734809.54	381.93
Substation Transformer	Transformer_1	4	374022.19	4734756.98	382.52
Substation Transformer	Transformer_2	4	374016.12	4734785.59	383.13
V162-6.8 Wind Turbine	T-8	119	374746.05	4735963.12	521.52
V162-6.8 Wind Turbine	T-4	119	374529.73	4737625.20	511.03
V162-6.8 Wind Turbine	T-5	119	374565.59	4737158.51	516.25
V162-6.8 Wind Turbine	T-7	119	374661.26	4736550.20	522.00
V162-6.8 Wind Turbine	T-24	119	373667.73	4730958.18	443.69
V162-6.8 Wind Turbine	T-21	119	375954.11	4731784.90	511.13
V162-6.8 Wind Turbine	T-12	119	377211.26	4735010.34	504.00
V162-6.8 Wind Turbine	T-13	119	373730.13	4734536.81	479.94
V162-6.8 Wind Turbine	T-14	119	373165.16	4734164.55	470.93
V162-6.8 Wind Turbine	T-3	119	373478.92	4736366.58	500.06
V162-6.8 Wind Turbine	T-23	119	374353.79	4732088.58	485.27
V162-6.8 Wind Turbine	T-9	119	374717.94	4735141.02	522.73
V162-6.8 Wind Turbine	T-11	119	375476.35	4735262.04	531.00
V162-6.8 Wind Turbine	T-16	119	375281.68	4734240.44	527.15
V162-6.8 Wind Turbine	T-6	119	375264.28	4736997.71	513.00
V162-6.8 Wind Turbine	T-17	119	375682.28	4733807.24	532.13
V162-6.8 Wind Turbine	T-19	119	376564.09	4731917.12	529.36
V162-6.8 Wind Turbine	T-15	119	373700.21	4733707.10	475.46
V162-6.8 Wind Turbine	T-22	119	375084.26	4732179.39	490.48
V162-6.8 Wind Turbine	T-10	119	375651.84	4735877.69	522.80
V162-6.8 Wind Turbine	T-18	119	377688.60	4733610.84	525.00
V162-6.8 Wind Turbine	T-20	119	376065.10	4732459.42	527.80
V162-6.8 Wind Turbine	T-1	119	371951.66	4736627.17	450.84
V162-6.8 Wind Turbine	T-2	119	373240.64	4736836.90	497.17

Table 7-1.1c: Modeled Sources Sources in the Cadna/A Model - V162-6.8

Name	ID	Relative Source Height	Coordinates NAD83 2011 State Plane New York Central (FIPS		Elevation + Source Height
			X	Y	
		(m)	(m)	(m)	(m)
O&M AC	O&M AC	2	373948.50	4734786.70	376.67
HVAC	HVAC1	2	374073.83	4734819.02	382.92
HVAC	HVAC2	2	374074.60	4734815.36	382.87
HVAC	HVAC3	2	374044.94	4734811.31	382.16
HVAC	HVAC4	2	374036.58	4734809.54	381.93
Substation Transformer	Transformer_1	4	374022.19	4734756.98	382.52
Substation Transformer	Transformer_2	4	374016.12	4734785.59	383.13
N149-4.X TS 108 Wind Turbine	T-8	108	374746.05	4735963.12	510.52
N149-4.X TS 108 Wind Turbine	T-4	108	374529.73	4737625.20	500.03
N149-4.X TS 108 Wind Turbine	T-5	108	374565.59	4737158.51	505.25
N149-4.X TS 108 Wind Turbine	T-7	108	374661.26	4736550.20	511.00
N149-4.X TS 108 Wind Turbine	T-24	108	373667.73	4730958.18	432.69
N149-4.X TS 108 Wind Turbine	T-21	108	375954.11	4731784.90	500.13
N149-4.X TS 108 Wind Turbine	T-12	108	377211.26	4735010.34	493.00
N149-4.X TS 108 Wind Turbine	T-13	108	373730.13	4734536.81	468.94
N149-4.X TS 108 Wind Turbine	T-14	108	373165.16	4734164.55	459.93
N149-4.X TS 108 Wind Turbine	T-3	108	373478.92	4736366.58	489.06
N149-4.X TS 108 Wind Turbine	T-23	108	374353.79	4732088.58	474.27
N149-4.X TS 108 Wind Turbine	T-9	108	374717.94	4735141.02	511.73
N149-4.X TS 108 Wind Turbine	T-11	108	375476.35	4735262.04	520.00
N149-4.X TS 108 Wind Turbine	T-16	108	375281.68	4734240.44	516.15
N149-4.X TS 108 Wind Turbine	T-6	108	375264.28	4736997.71	502.00
N149-4.X TS 108 Wind Turbine	T-17	108	375682.28	4733807.24	521.13
N149-4.X TS 108 Wind Turbine	T-19	108	376564.09	4731917.12	518.36
N149-4.X TS 108 Wind Turbine	T-15	108	373700.21	4733707.10	464.46
N149-4.X TS 108 Wind Turbine	T-22	108	375084.26	4732179.39	479.48
N149-4.X TS 108 Wind Turbine	T-10	108	375651.84	4735877.69	511.80
N149-4.X TS 108 Wind Turbine	T-18	108	377688.60	4733610.84	514.00
N149-4.X TS 108 Wind Turbine	T-20	108	376065.10	4732459.42	516.80
N149-4.X TS 108 Wind Turbine	T-1	108	371951.66	4736627.17	439.84
N149-4.X TS 108 Wind Turbine	T-2	108	373240.64	4736836.90	486.17

Appendix 7-B

List of Sound Receptors

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
1	187.00-1-7.3	Non-Participating	Year-Round Residence	1.50	380974.40	4734987.20	282.17
2	187.00-1-6.122	Non-Participating	Year-Round Residence	1.50	380866.90	4735289.63	286.51
3	187.00-1-19	Non-Participating	Year-Round Residence	1.50	380726.27	4734798.67	221.69
4	187.10-1-28	Non-Participating	Year-Round Residence	1.50	380624.96	4734950.66	222.46
6	187.10-1-33	Non-Participating	Year-Round Residence	1.50	380537.85	4734925.23	219.19
7	187.10-1-32	Non-Participating	Year-Round Residence	1.50	380547.46	4734933.18	219.31
8	187.10-1-31	Non-Participating	Year-Round Residence	1.50	380553.11	4734942.62	219.38
9	187.10-1-30.1	Non-Participating	Year-Round Residence	1.50	380582.31	4734927.07	220.11
10	187.10-1-25	Non-Participating	Year-Round Residence	1.50	380567.76	4734956.07	219.84
11	187.10-1-24.1	Non-Participating	Year-Round Residence	1.50	380572.90	4734963.10	220.12
12	187.10-1-23.1	Non-Participating	Year-Round Residence	1.50	380576.24	4734975.92	220.01
13	187.10-1-22	Non-Participating	Seasonal Residence	1.50	380570.92	4734986.10	219.91
14	187.10-1-21	Non-Participating	Seasonal Residence	1.50	380567.08	4734995.75	219.80
15	187.10-1-19	Non-Participating	Year-Round Residence	1.50	380593.56	4735013.77	224.45
16	187.10-1-20	Non-Participating	Year-Round Residence	1.50	380568.28	4735012.37	220.31
17	187.10-1-18	Non-Participating	Year-Round Residence	1.50	380562.57	4735031.51	220.08
18	187.10-1-17	Non-Participating	Year-Round Residence	1.50	380573.23	4735050.34	221.25
19	187.10-1-17	Non-Participating	Year-Round Residence	1.50	380560.66	4735048.28	220.03
20	187.10-1-16.1	Non-Participating	Year-Round Residence	1.50	380557.29	4735062.90	219.94
21	187.10-1-14.1	Non-Participating	Year-Round Residence	1.50	380548.67	4735085.11	219.62
22	187.10-1-13	Non-Participating	Year-Round Residence	1.50	380547.61	4735094.12	219.92
23	187.10-1-12	Non-Participating	Year-Round Residence	1.50	380544.01	4735102.22	219.97
24	187.10-1-11	Non-Participating	Year-Round Residence	1.50	380536.88	4735124.05	220.60
25	187.10-1-9	Non-Participating	Seasonal Residence	1.50	380525.89	4735150.27	220.59
26	187.10-1-8	Non-Participating	Year-Round Residence	1.50	380507.58	4735175.30	220.38
27	187.10-1-7	Non-Participating	Year-Round Residence	1.50	380503.51	4735214.08	229.71
28	187.10-1-6	Non-Participating	Seasonal Residence	1.50	380476.39	4735232.72	220.89
29	187.10-1-5	Non-Participating	Seasonal Residence	1.50	380452.56	4735265.42	220.73
30	187.10-1-4	Non-Participating	Seasonal Residence	1.50	380454.20	4735294.37	226.99
31	187.10-1-3	Non-Participating	Year-Round Residence	1.50	380448.90	4735308.55	228.04
32	187.10-1-2.21	Non-Participating	Seasonal Residence	1.50	380438.27	4735350.68	229.92
33	187.10-1-1	Non-Participating	Year-Round Residence	1.50	380427.86	4735386.06	230.59
34	187.06-1-14	Non-Participating	Seasonal Residence	1.50	380416.84	4735409.35	231.05
35	187.06-1-13.11	Non-Participating	Year-Round Residence	1.50	380403.13	4735435.60	231.32
36	187.06-1-13.11	Non-Participating	Year-Round Residence	1.50	380441.80	4735458.07	240.90
37	187.06-1-12	Non-Participating	Seasonal Residence	1.50	380400.33	4735455.33	232.56
38	187.06-1-11	Non-Participating	Seasonal Residence	1.50	380359.45	4735490.94	229.19
39	187.06-1-10	Non-Participating	Seasonal Residence	1.50	380341.03	4735540.39	230.49
40	187.06-1-9	Non-Participating	Seasonal Residence	1.50	380302.92	4735618.66	230.50
41	187.06-1-8.1	Non-Participating	Seasonal Residence	1.50	380283.76	4735645.23	226.35
42	187.06-1-7.1	Non-Participating	Seasonal Residence	1.50	380267.66	4735669.56	230.64
43	187.06-1-8.1	Non-Participating	Seasonal Residence	1.50	380313.47	4735656.03	234.77
44	187.06-1-6	Non-Participating	Seasonal Residence	1.50	380261.87	4735692.34	231.76
45	187.00-1-5.41	Non-Participating	Year-Round Residence	1.50	380291.46	4735887.00	248.50
46	187.06-1-2	Non-Participating	Seasonal Residence	1.50	380204.11	4735858.86	233.50
47	187.06-1-1.2	Non-Participating	Year-Round Residence	1.50	380146.65	4735902.72	220.76
48	187.06-1-1.1	Non-Participating	Year-Round Residence	1.50	380117.68	4735922.82	220.39
49	176.18-1-60	Non-Participating	Year-Round Residence	1.50	380121.95	4735957.09	221.45
50	176.18-1-59	Non-Participating	Year-Round Residence	1.50	380097.52	4735965.78	220.39
51	176.18-1-58	Non-Participating	Seasonal Residence	1.50	380098.40	4735979.46	220.41
52	176.18-1-57	Non-Participating	Year-Round Residence	1.50	380100.13	4735992.83	220.31

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
53	176.18-1-55	Non-Participating	Year-Round Residence	1.50	380098.09	4736004.03	219.94
54	176.18-1-55	Non-Participating	Year-Round Residence	1.50	380104.10	4736012.71	220.25
55	176.18-1-54	Non-Participating	Seasonal Residence	1.50	380099.82	4736020.13	220.02
56	176.18-1-53	Non-Participating	Seasonal Residence	1.50	380096.62	4736028.20	219.93
57	176.18-1-52	Non-Participating	Seasonal Residence	1.50	380088.71	4736035.37	219.76
58	176.18-1-50	Non-Participating	Year-Round Residence	1.50	380080.51	4736043.16	219.67
59	176.18-1-50	Non-Participating	Year-Round Residence	1.50	380072.76	4736049.57	219.72
60	176.18-1-49	Non-Participating	Year-Round Residence	1.50	380059.06	4736055.81	219.39
61	176.18-1-48	Non-Participating	Seasonal Residence	1.50	380049.43	4736062.66	219.26
62	176.18-1-47	Non-Participating	Seasonal Residence	1.50	380043.45	4736067.58	219.27
63	176.18-1-45	Non-Participating	Seasonal Residence	1.50	380032.66	4736069.73	219.08
64	176.18-1-45	Non-Participating	Seasonal Residence	1.50	380024.81	4736074.84	219.05
65	176.18-1-44	Non-Participating	Year-Round Residence	1.50	380015.17	4736084.39	219.09
66	176.18-1-42	Non-Participating	Year-Round Residence	1.50	380007.45	4736094.17	219.06
67	176.18-1-42	Non-Participating	Seasonal Residence	1.50	379998.32	4736103.01	218.94
68	176.18-1-42	Non-Participating	Seasonal Residence	1.50	380015.51	4736109.61	219.52
69	176.18-1-41	Non-Participating	Seasonal Residence	1.50	379991.31	4736114.99	218.91
70	176.18-1-40	Non-Participating	Seasonal Residence	1.50	379986.33	4736126.88	218.92
71	176.18-1-39	Non-Participating	Year-Round Residence	1.50	379982.47	4736138.54	218.96
72	176.18-1-37	Non-Participating	Year-Round Residence	1.50	379981.33	4736153.64	219.06
73	176.18-1-37	Non-Participating	Seasonal Residence	1.50	379977.63	4736166.10	219.20
74	176.18-1-35	Non-Participating	Seasonal Residence	1.50	379973.78	4736180.45	219.31
75	176.18-1-35	Non-Participating	Seasonal Residence	1.50	379952.77	4736181.44	218.89
76	176.18-1-34	Non-Participating	Year-Round Residence	1.50	379945.83	4736193.47	218.92
77	176.18-1-33	Non-Participating	Year-Round Residence	1.50	379933.66	4736200.40	218.84
78	176.18-1-32	Non-Participating	Seasonal Residence	1.50	379925.74	4736215.20	218.93
79	176.18-1-31	Non-Participating	Year-Round Residence	1.50	379912.23	4736227.16	218.90
80	176.18-1-30	Non-Participating	Year-Round Residence	1.50	379934.79	4736242.85	219.69
81	176.18-1-30	Non-Participating	Year-Round Residence	1.50	379904.07	4736245.60	218.94
82	176.18-1-29	Non-Participating	Seasonal Residence	1.50	379896.48	4736262.60	218.92
83	176.18-1-28	Non-Participating	Seasonal Residence	1.50	379893.42	4736276.99	219.02
84	176.18-1-27	Non-Participating	Year-Round Residence	1.50	379889.83	4736293.05	219.12
85	176.18-1-26	Non-Participating	Year-Round Residence	1.50	379883.55	4736307.31	219.10
86	176.18-1-25	Non-Participating	Year-Round Residence	1.50	379876.46	4736318.86	219.09
87	176.18-1-24	Non-Participating	Seasonal Residence	1.50	379872.06	4736332.18	219.12
88	176.18-1-23	Non-Participating	Seasonal Residence	1.50	379867.88	4736348.13	219.10
89	176.18-1-22	Non-Participating	Seasonal Residence	1.50	379865.15	4736361.94	219.24
90	176.18-1-21	Non-Participating	Seasonal Residence	1.50	379862.44	4736373.56	219.37
91	176.18-1-20	Non-Participating	Seasonal Residence	1.50	379860.53	4736383.43	219.33
92	176.18-1-19	Non-Participating	Seasonal Residence	1.50	379858.57	4736393.35	219.40
93	176.18-1-18	Non-Participating	Year-Round Residence	1.50	379853.41	4736406.22	219.14
94	176.18-1-17	Non-Participating	Seasonal Residence	1.50	379851.04	4736418.93	218.98
95	176.18-1-15	Non-Participating	Seasonal Residence	1.50	379855.16	4736427.29	219.07
96	176.18-1-15	Non-Participating	Year-Round Residence	1.50	379859.78	4736436.88	219.18
97	176.18-1-14	Non-Participating	Seasonal Residence	1.50	379866.18	4736464.61	219.04
98	176.18-1-13	Non-Participating	Seasonal Residence	1.50	379881.57	4736473.40	219.39
99	176.18-1-12	Non-Participating	Seasonal Residence	1.50	379887.71	4736482.06	219.41
100	176.18-1-11	Non-Participating	Year-Round Residence	1.50	379896.49	4736490.13	219.51
101	176.18-1-10	Non-Participating	Seasonal Residence	1.50	379905.23	4736503.72	219.48
102	176.18-1-9	Non-Participating	Seasonal Residence	1.50	379916.65	4736513.61	219.55
103	176.18-1-8	Non-Participating	Seasonal Residence	1.50	379926.41	4736521.19	219.83

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
104	176.18-1-7	Non-Participating	Year-Round Residence	1.50	379939.72	4736532.76	220.78
105	176.18-1-6	Non-Participating	Year-Round Residence	1.50	379943.83	4736554.70	222.54
106	176.18-1-5.1	Non-Participating	Seasonal Residence	1.50	379946.39	4736578.38	225.11
107	176.03-1-13.1	Non-Participating	Year-Round Residence	1.50	379908.79	4736729.99	233.42
108	176.03-1-14	Non-Participating	Year-Round Residence	1.50	379913.37	4736705.87	231.77
109	176.03-1-10	Non-Participating	Year-Round Residence	1.50	379874.96	4736793.65	225.26
110	176.03-1-7.1	Non-Participating	Year-Round Residence	1.50	379847.60	4736862.71	225.31
111	176.03-1-6	Non-Participating	Year-Round Residence	1.50	379835.70	4736880.42	223.47
112	176.03-1-5	Non-Participating	Year-Round Residence	1.50	379841.25	4736922.72	232.51
113	176.03-1-3	Non-Participating	Year-Round Residence	1.50	379793.03	4736984.92	229.52
114	176.03-1-2	Non-Participating	Year-Round Residence	1.50	379764.76	4737017.63	223.13
115	176.01-1-18	Non-Participating	Year-Round Residence	1.50	379719.73	4737122.89	228.96
116	176.01-1-15.1	Non-Participating	Year-Round Residence	1.50	379689.44	4737191.52	226.09
117	176.01-1-14	Non-Participating	Year-Round Residence	1.50	379665.82	4737201.12	224.80
118	176.01-1-13	Non-Participating	Year-Round Residence	1.50	379666.62	4737222.05	228.91
119	176.01-1-15.1	Non-Participating	Year-Round Residence	1.50	379739.15	4737235.91	239.23
120	176.01-1-10	Non-Participating	Year-Round Residence	1.50	379673.87	4737313.71	236.75
121	176.01-1-9	Non-Participating	Year-Round Residence	1.50	379609.87	4737321.66	228.03
122	176.01-1-8	Non-Participating	Year-Round Residence	1.50	379574.35	4737345.38	221.69
123	176.01-1-7	Non-Participating	Year-Round Residence	1.50	379587.31	4737376.91	228.66
124	176.01-1-5	Non-Participating	Year-Round Residence	1.50	379556.81	4737418.00	226.79
125	176.01-1-4	Non-Participating	Year-Round Residence	1.50	379540.04	4737445.68	224.42
126	176.01-1-3.1	Non-Participating	Seasonal Residence	1.50	379538.51	4737487.34	230.58
127	176.01-1-1	Non-Participating	Seasonal Residence	1.50	379522.84	4737537.82	232.01
128	198.00-1-1	Non-Participating	Year-Round Residence	1.50	380393.70	4733367.74	224.50
129	187.13-1-45	Non-Participating	Year-Round Residence	1.50	379601.66	4734355.41	235.84
130	187.13-1-46	Non-Participating	Year-Round Residence	1.50	379553.27	4734436.52	235.85
131	187.13-1-47	Non-Participating	Year-Round Residence	1.50	379521.53	4734497.17	234.57
132	187.13-1-27	Non-Participating	Year-Round Residence	1.50	379526.21	4734581.83	221.43
133	187.13-1-27	Non-Participating	Year-Round Residence	1.50	379520.61	4734591.42	221.37
134	187.13-1-19.111	Non-Participating	Year-Round Residence	1.50	379499.97	4734639.42	221.18
135	187.13-1-15.111	Non-Participating	Year-Round Residence	1.50	379503.53	4734689.79	219.91
136	187.13-1-15.112	Non-Participating	Year-Round Residence	1.50	379509.85	4734704.74	219.57
137	187.13-1-14.11	Non-Participating	Year-Round Residence	1.50	379505.21	4734718.32	219.65
138	187.13-1-12	Non-Participating	Year-Round Residence	1.50	379480.77	4734715.83	221.05
139	187.13-1-11	Non-Participating	Year-Round Residence	1.50	379466.85	4734716.96	221.90
140	187.13-1-10	Non-Participating	Year-Round Residence	1.50	379444.20	4734721.42	223.44
141	187.09-1-38	Non-Participating	Year-Round Residence	1.50	379450.28	4734742.87	222.02
142	187.13-1-5	Non-Participating	Year-Round Residence	1.50	379465.79	4734740.55	221.55
143	187.13-1-7	Non-Participating	Year-Round Residence	1.50	379482.64	4734759.89	220.14
144	187.13-1-8	Non-Participating	Year-Round Residence	1.50	379495.37	4734767.84	219.23
145	187.09-1-40	Non-Participating	Year-Round Residence	1.50	379464.26	4734778.19	219.91
146	187.09-1-39	Non-Participating	Year-Round Residence	1.50	379450.97	4734772.70	220.70
147	187.09-1-38	Non-Participating	Year-Round Residence	1.50	379436.69	4734771.16	221.50
148	187.09-1-35	Non-Participating	Year-Round Residence	1.50	379383.59	4734788.93	227.58
149	187.09-1-28	Non-Participating	Year-Round Residence	1.50	379320.63	4734871.09	231.01
150	187.09-1-27	Non-Participating	Year-Round Residence	1.50	379330.09	4734900.60	223.42
151	187.09-1-21	Non-Participating	Year-Round Residence	1.50	379299.41	4735030.46	220.40
152	187.09-1-17	Non-Participating	Year-Round Residence	1.50	379296.10	4735041.99	220.78
153	187.09-1-16	Non-Participating	Year-Round Residence	1.50	379295.49	4735049.39	220.83
154	187.09-1-15	Non-Participating	Year-Round Residence	1.50	379294.02	4735058.51	220.78

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
155	187.09-1-14	Non-Participating	Year-Round Residence	1.50	379285.35	4735066.50	221.05
156	187.09-1-12.1	Non-Participating	Year-Round Residence	1.50	379260.90	4735095.33	222.00
157	187.09-1-8	Non-Participating	Year-Round Residence	1.50	379195.43	4735133.47	227.23
158	187.09-1-12.1	Non-Participating	Year-Round Residence	1.50	379227.11	4735143.52	221.26
159	187.09-1-4.11	Non-Participating	Year-Round Residence	1.50	379169.61	4735261.41	222.42
160	187.09-1-42	Non-Participating	Year-Round Residence	1.50	379136.78	4734833.48	278.21
161	186.08-1-15	Non-Participating	Year-Round Residence	1.50	379078.40	4735389.22	231.52
162	186.08-1-13.1	Non-Participating	Year-Round Residence	1.50	378932.36	4735361.36	264.33
163	186.08-1-13.1	Non-Participating	Year-Round Residence	1.50	379062.92	4735417.23	232.40
164	186.08-1-4	Non-Participating	Year-Round Residence	1.50	379007.15	4735665.70	221.65
165	186.08-1-3	Non-Participating	Year-Round Residence	1.50	378991.68	4735691.18	221.20
166	186.00-1-15	Non-Participating	Year-Round Residence	1.50	378845.96	4735938.38	226.57
167	186.00-1-15	Non-Participating	Year-Round Residence	1.50	378862.50	4735907.77	226.13
168	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378784.98	4736197.60	220.50
169	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378808.17	4736194.21	219.98
170	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378823.26	4736180.99	220.03
171	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378827.78	4736164.41	220.34
172	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378821.67	4736142.81	221.19
173	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378805.48	4736110.70	223.10
174	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378826.72	4736080.44	221.25
175	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378830.65	4736050.08	221.20
176	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378836.78	4736024.41	221.23
177	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378846.89	4736005.63	221.02
178	186.00-1-31.11	Non-Participating	Year-Round Residence	1.50	378796.76	4736027.98	226.50
179	186.00-1-32.523	Non-Participating	Year-Round Residence	1.50	378706.10	4736245.01	225.79
180	186.00-1-32.532	Non-Participating	Year-Round Residence	1.50	378683.89	4736266.78	228.69
181	186.00-1-32.431	Non-Participating	Year-Round Residence	1.50	378668.08	4736317.93	222.93
182	186.00-1-32.32	Non-Participating	Year-Round Residence	1.50	378637.04	4736373.84	226.37
183	186.00-1-32.311	Non-Participating	Year-Round Residence	1.50	378586.39	4736417.38	232.03
184	175.00-1-29.41	Non-Participating	Year-Round Residence	1.50	378537.86	4736562.25	227.08
185	175.00-1-29.71	Non-Participating	Year-Round Residence	1.50	378537.64	4736673.79	220.95
186	175.00-1-29.81	Non-Participating	Year-Round Residence	1.50	378496.15	4736716.62	223.52
187	175.00-1-24.11	Non-Participating	Year-Round Residence	1.50	378184.28	4737400.63	220.24
188	175.00-1-24.11	Non-Participating	Year-Round Residence	1.50	378098.48	4737428.21	221.15
189	187.06-1-5.1	Non-Participating	Seasonal Residence	1.50	380262.66	4735720.44	234.39
190	187.06-1-5.1	Non-Participating	Seasonal Residence	1.50	380249.36	4735707.15	231.64
191	187.06-1-4	Non-Participating	Seasonal Residence	1.50	380255.65	4735757.88	234.38
192	187.06-1-3	Non-Participating	Seasonal Residence	1.50	380227.61	4735806.08	234.56
193	176.18-1-4.1	Non-Participating	Seasonal Residence	1.50	379931.83	4736590.10	220.64
194	176.18-1-3	Non-Participating	Seasonal Residence	1.50	379942.36	4736616.30	229.68
195	176.18-1-2	Non-Participating	Seasonal Residence	1.50	379934.71	4736636.42	228.72
196	176.18-1-1	Non-Participating	Seasonal Residence	1.50	379926.33	4736651.23	227.61
197	176.03-1-15.1	Non-Participating	Seasonal Residence	1.50	379907.88	4736676.63	223.62
198	176.03-1-11	Non-Participating	Seasonal Residence	1.50	379901.53	4736770.98	228.55
199	176.03-1-9	Non-Participating	Seasonal Residence	1.50	379874.80	4736813.17	225.66
200	176.03-1-8.1	Non-Participating	Seasonal Residence	1.50	379862.22	4736838.61	230.99
201	176.03-1-4	Non-Participating	Seasonal Residence	1.50	379810.54	4736949.11	230.14
202	176.03-1-1	Non-Participating	Seasonal Residence	1.50	379754.81	4737062.03	229.73
203	176.01-1-20	Non-Participating	Seasonal Residence	1.50	379738.10	4737086.35	227.86
204	176.01-1-19	Non-Participating	Seasonal Residence	1.50	379747.11	4737112.68	231.46
205	176.01-1-17	Non-Participating	Seasonal Residence	1.50	379697.70	4737132.04	221.46

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
206	176.01-1-16	Non-Participating	Seasonal Residence	1.50	379693.37	4737158.69	226.07
207	176.01-1-11	Non-Participating	Seasonal Residence	1.50	379638.83	4737273.11	227.85
208	176.01-1-6	Non-Participating	Seasonal Residence	1.50	379561.59	4737384.67	222.89
209	176.01-1-12	Non-Participating	Seasonal Residence	1.50	379498.76	4737580.94	231.40
210	176.01-1-11	Non-Participating	Seasonal Residence	1.50	379492.60	4737607.77	232.57
211	176.01-1-10	Non-Participating	Seasonal Residence	1.50	379479.32	4737638.85	233.19
212	176.01-1-9	Non-Participating	Seasonal Residence	1.50	379468.92	4737659.08	232.71
213	176.01-1-8	Non-Participating	Seasonal Residence	1.50	379461.19	4737677.38	233.06
214	176.01-1-7	Non-Participating	Seasonal Residence	1.50	379455.43	4737694.03	232.41
215	176.01-1-6	Non-Participating	Seasonal Residence	1.50	379446.82	4737714.46	232.45
216	176.01-1-5	Non-Participating	Seasonal Residence	1.50	379436.64	4737737.67	232.20
217	176.01-1-4	Non-Participating	Seasonal Residence	1.50	379427.69	4737765.33	232.44
218	176.01-1-43.1	Non-Participating	Seasonal Residence	1.50	379324.64	4737794.52	220.35
219	176.01-1-42	Non-Participating	Seasonal Residence	1.50	379348.60	4737891.42	229.72
220	176.01-1-41.1	Non-Participating	Seasonal Residence	1.50	379335.91	4737939.30	230.96
221	176.01-1-40	Non-Participating	Seasonal Residence	1.50	379262.28	4737989.10	222.91
222	187.13-1-43	Non-Participating	Seasonal Residence	1.50	379634.88	4734302.75	235.58
223	187.13-1-39	Non-Participating	Seasonal Residence	1.50	379698.88	4734505.64	219.17
224	187.13-1-36	Non-Participating	Seasonal Residence	1.50	379597.50	4734525.85	220.01
225	187.13-1-35	Non-Participating	Seasonal Residence	1.50	379583.90	4734535.92	219.87
226	187.13-1-34	Non-Participating	Seasonal Residence	1.50	379570.06	4734543.74	220.10
227	187.13-1-32	Non-Participating	Seasonal Residence	1.50	379544.15	4734554.57	221.24
228	187.13-1-30	Non-Participating	Seasonal Residence	1.50	379553.12	4734572.45	220.25
229	187.13-1-26	Non-Participating	Seasonal Residence	1.50	379510.21	4734601.49	222.25
230	187.13-1-25	Non-Participating	Seasonal Residence	1.50	379511.82	4734610.87	221.26
231	187.13-1-13	Non-Participating	Seasonal Residence	1.50	379492.96	4734717.58	220.33
232	187.13-1-6	Non-Participating	Seasonal Residence	1.50	379472.59	4734751.64	220.93
233	187.09-1-36	Non-Participating	Seasonal Residence	1.50	379412.27	4734796.05	220.81
234	187.09-1-37	Non-Participating	Seasonal Residence	1.50	379389.59	4734779.14	227.23
235	187.09-1-34	Non-Participating	Seasonal Residence	1.50	379361.33	4734801.75	232.05
236	187.09-1-34	Non-Participating	Seasonal Residence	1.50	379377.56	4734844.99	220.96
237	187.09-1-30.1	Non-Participating	Seasonal Residence	1.50	379351.97	4734841.33	227.47
238	187.09-1-29	Non-Participating	Seasonal Residence	1.50	379342.18	4734857.25	226.94
239	187.09-1-26	Non-Participating	Seasonal Residence	1.50	379329.92	4734937.17	220.72
240	187.09-1-23	Non-Participating	Seasonal Residence	1.50	379279.11	4734959.98	229.23
241	187.09-1-22.1	Non-Participating	Seasonal Residence	1.50	379272.44	4734970.00	229.96
242	187.09-1-20	Non-Participating	Seasonal Residence	1.50	379256.31	4735014.79	227.66
243	187.09-1-13	Non-Participating	Seasonal Residence	1.50	379278.90	4735079.07	220.94
244	187.09-1-11	Non-Participating	Seasonal Residence	1.50	379245.70	4735116.49	221.96
245	187.09-1-10	Non-Participating	Seasonal Residence	1.50	379232.44	4735134.99	221.19
246	187.09-1-2	Non-Participating	Year-Round Residence	1.50	378998.25	4735265.22	258.07
247	187.09-1-2	Non-Participating	Seasonal Residence	1.50	379066.29	4735291.50	241.93
248	186.08-1-17	Non-Participating	Seasonal Residence	1.50	379089.05	4735348.51	232.45
249	186.08-1-16	Non-Participating	Seasonal Residence	1.50	379093.32	4735369.67	229.62
250	186.08-1-11.1	Non-Participating	Seasonal Residence	1.50	379091.13	4735434.72	222.48
251	186.08-1-10.1	Non-Participating	Seasonal Residence	1.50	379086.27	4735473.71	221.21
252	186.08-1-9.1	Non-Participating	Seasonal Residence	1.50	379066.93	4735506.50	222.86
253	186.08-1-8.11	Non-Participating	Seasonal Residence	1.50	379053.19	4735549.98	222.17
254	186.08-1-8.12	Non-Participating	Seasonal Residence	1.50	379015.81	4735615.48	223.67
255	186.08-1-6	Non-Participating	Seasonal Residence	1.50	379005.35	4735632.30	224.63
256	186.08-1-6	Non-Participating	Seasonal Residence	1.50	379006.77	4735650.36	222.57

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
257	186.08-1-2	Non-Participating	Seasonal Residence	1.50	378968.98	4735711.86	223.75
258	186.08-1-1	Non-Participating	Seasonal Residence	1.50	378961.50	4735726.01	223.55
259	186.00-1-16	Non-Participating	Seasonal Residence	1.50	378907.66	4735876.35	220.95
260	175.00-1-29.2	Non-Participating	Seasonal Residence	1.50	378578.03	4736475.96	228.78
261	175.00-1-29.3	Non-Participating	Seasonal Residence	1.50	378564.57	4736508.17	228.08
262	175.00-1-27	Non-Participating	Seasonal Residence	1.50	378433.48	4736881.83	221.00
263	175.00-1-24.2	Non-Participating	Seasonal Residence	1.50	378162.15	4737337.37	223.38
264	175.00-1-14.1	Non-Participating	Seasonal Residence	1.50	377503.52	4737880.95	270.77
265	175.00-1-14.1	Non-Participating	Seasonal Residence	1.50	377647.75	4737994.31	234.16
266	175.00-1-14.1	Non-Participating	Seasonal Residence	1.50	377676.45	4737936.68	234.83
273	187.00-1-6.3	Non-Participating	Year-Round Residence	1.50	380786.57	4735247.98	276.35
290	175.00-1-6.2	Non-Participating	Year-Round Residence	1.50	377104.22	4738132.82	305.04
292	175.00-1-11.11	Non-Participating	Year-Round Residence	1.50	377335.15	4738630.15	221.19
293	175.00-1-6.4	Non-Participating	Year-Round Residence	1.50	377219.41	4738715.14	234.48
294	175.00-1-6.121	Non-Participating	Year-Round Residence	1.50	377195.26	4738763.91	233.40
295	175.00-1-10.21	Non-Participating	Seasonal Residence	1.50	377164.00	4738840.42	229.91
296	175.00-1-9	Non-Participating	Year-Round Residence	1.50	377177.55	4738904.10	221.91
297	175.00-1-8	Non-Participating	Year-Round Residence	1.50	377160.07	4738940.39	223.21
298	164.00-1-24	Non-Participating	Year-Round Residence	1.50	377166.05	4738988.23	220.58
299	164.00-1-23	Non-Participating	Year-Round Residence	1.50	377169.54	4739077.16	219.75
300	164.00-1-23	Non-Participating	Year-Round Residence	1.50	377175.12	4739064.71	219.88
301	164.00-1-21	Non-Participating	Year-Round Residence	1.50	377145.85	4739092.14	219.85
303	164.00-1-18	Non-Participating	Year-Round Residence	1.50	376945.33	4739169.65	238.68
304	164.00-1-17	Non-Participating	Year-Round Residence	1.50	376824.82	4739117.06	271.06
305	164.00-1-7	Non-Participating	Seasonal Residence	1.50	376847.02	4739447.58	220.80
306	164.00-1-9.11	Non-Participating	Seasonal Residence	1.50	376679.79	4739750.41	221.82
307	164.00-1-4.153	Non-Participating	Seasonal Residence	1.50	376572.43	4739875.57	224.48
308	164.00-1-4.163	Non-Participating	Seasonal Residence	1.50	376554.38	4739939.48	221.32
309	164.00-1-4.162	Non-Participating	Year-Round Residence	1.50	376540.37	4739966.99	221.54
310	164.00-1-6.1	Non-Participating	Seasonal Residence	1.50	376518.99	4740028.06	221.81
311	164.00-1-29.2	Non-Participating	Seasonal Residence	1.50	376445.15	4740100.28	223.14
312	164.00-1-29.1	Non-Participating	Year-Round Residence	1.50	376375.24	4740129.93	244.16
313	164.00-1-28.3	Non-Participating	Year-Round Residence	1.50	376385.70	4740184.22	228.34
314	164.00-1-27	Non-Participating	Seasonal Residence	1.50	376385.76	4740226.00	220.71
315	164.00-1-26.1	Non-Participating	Seasonal Residence	1.50	376157.52	4740123.48	288.19
317	164.00-1-4.14	Non-Participating	Seasonal Residence	1.50	376269.90	4740285.20	246.83
318	164.00-1-2.2	Non-Participating	Seasonal Residence	1.50	376164.74	4740778.68	221.90
319	164.00-1-2.1	Non-Participating	Year-Round Residence	1.50	376019.05	4740932.17	226.64
320	164.00-1-1.1	Non-Participating	Year-Round Residence	1.50	376095.37	4740953.62	220.58
321	164.00-1-1.3	Non-Participating	Seasonal Residence	1.50	376148.50	4740919.57	219.69
322	164.00-1-1.4	Non-Participating	Year-Round Residence	1.50	375998.14	4740998.68	225.94
323	163.00-1-10.23	Non-Participating	Year-Round Residence	1.50	375317.58	4741086.66	314.50
324	163.00-1-11.2	Non-Participating	Year-Round Residence	1.50	375551.40	4740306.69	320.69
325	164.00-1-4.82	Non-Participating	Year-Round Residence	1.50	375745.99	4740280.88	308.51
326	164.00-1-4.81	Non-Participating	Year-Round Residence	1.50	375781.55	4740220.63	309.33
327	164.00-1-4.7	Non-Participating	Year-Round Residence	1.50	375824.58	4740152.26	309.60
328	164.00-1-4.5	Non-Participating	Year-Round Residence	1.50	375851.51	4740038.78	311.59
329	164.00-1-4.21	Non-Participating	Year-Round Residence	1.50	375771.75	4739989.05	318.33
330	164.00-1-4.3	Non-Participating	Year-Round Residence	1.50	375817.88	4739892.29	317.75
331	164.00-1-4.9	Non-Participating	Year-Round Residence	1.50	375953.83	4739896.63	309.63
332	164.00-1-4.17	Non-Participating	Year-Round Residence	1.50	376022.06	4739951.66	305.92

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
333	164.00-1-4.18	Non-Participating	Year-Round Residence	1.50	376083.18	4739975.58	301.44
334	164.00-1-28.1	Non-Participating	Year-Round Residence	1.50	376187.86	4739959.44	296.18
335	164.00-1-4.111	Non-Participating	Year-Round Residence	1.50	375998.56	4739764.29	309.45
336	164.00-1-4.4	Non-Participating	Year-Round Residence	1.50	375796.95	4739783.34	319.80
337	164.00-1-9.21	Non-Participating	Year-Round Residence	1.50	376306.15	4739623.74	299.50
339	164.00-1-16.2	Non-Participating	Year-Round Residence	1.50	376332.70	4739141.92	305.48
340	164.00-1-10.3	Non-Participating	Year-Round Residence	1.50	376144.16	4739276.60	309.08
341	164.00-1-11	Non-Participating	Year-Round Residence	1.50	376187.31	4739137.02	313.55
342	164.00-1-12.1	Non-Participating	Year-Round Residence	1.50	376227.89	4738899.41	321.09
344	164.00-1-13.12	Non-Participating	Year-Round Residence	1.50	376217.92	4738755.38	318.68
345	175.00-1-6.117	Non-Participating	Year-Round Residence	1.50	376480.22	4738795.14	314.50
346	175.00-1-6.118	Non-Participating	Year-Round Residence	1.50	376514.68	4738715.30	314.97
347	175.00-1-6.6	Non-Participating	Year-Round Residence	1.50	376555.71	4738636.79	314.50
348	175.00-1-6.118	Non-Participating	Year-Round Residence	1.50	376655.88	4738748.25	304.65
349	175.00-1-4	Non-Participating	Year-Round Residence	1.50	376597.43	4738556.45	315.07
350	175.00-1-3.112	Non-Participating	Year-Round Residence	1.50	376582.31	4738428.14	320.81
351	175.00-1-3.3	Non-Participating	Year-Round Residence	1.50	376547.67	4738460.03	320.60
352	175.00-1-3.51	Non-Participating	Year-Round Residence	1.50	376622.44	4738302.06	325.19
353	175.00-1-3.7	Non-Participating	Year-Round Residence	1.50	376645.33	4738263.85	325.57
354	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376509.32	4738158.88	334.69
355	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376527.16	4738161.09	334.15
356	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376559.13	4738161.21	333.20
357	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376588.09	4738155.58	332.50
358	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376583.35	4738116.08	332.63
359	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376563.83	4738121.53	333.19
360	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376518.42	4738121.29	334.06
361	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376515.96	4738106.08	333.80
362	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376535.16	4738084.29	333.12
363	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376564.58	4738102.99	333.02
364	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376578.37	4738083.11	332.52
365	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376601.14	4738096.49	332.12
366	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376613.55	4738080.27	331.35
367	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376636.08	4738119.45	330.96
368	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376645.52	4738099.65	330.58
369	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376653.23	4738084.61	329.97
370	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376682.48	4738113.85	329.17
371	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376682.37	4738088.79	329.50
372	175.00-1-3.21	Non-Participating	Year-Round Residence	1.50	376700.87	4738087.35	329.36
374	175.00-1-5	Non-Participating	Year-Round Residence	1.50	377002.88	4738376.40	295.60
375	175.00-1-6.115	Non-Participating	Year-Round Residence	1.50	376982.55	4738420.26	296.50
380	175.00-1-13	Non-Participating	Year-Round Residence	1.50	376806.33	4737996.74	327.04
381	175.00-1-6.112	Non-Participating	Year-Round Residence	1.50	377037.53	4737734.48	319.39
382	175.00-1-17.42	Non-Participating	Year-Round Residence	1.50	377249.06	4737372.69	314.50
385	175.00-1-17.221	Non-Participating	Year-Round Residence	1.50	377404.36	4737266.61	313.11
386	175.00-1-17.211	Non-Participating	Year-Round Residence	1.50	377459.07	4737181.30	313.29
387	175.00-1-20	Non-Participating	Year-Round Residence	1.50	377706.61	4736919.10	304.86
388	175.00-1-22.2	Non-Participating	Year-Round Residence	1.50	377700.41	4736801.52	307.91
389	175.00-1-21.2	Non-Participating	Year-Round Residence	1.50	377741.56	4736884.30	303.59
390	175.00-1-21.1	Non-Participating	Year-Round Residence	1.50	377779.16	4736855.26	303.01
391	175.00-1-22.11	Non-Participating	Year-Round Residence	1.50	377839.18	4736763.32	301.24
392	175.00-1-37	Non-Participating	Year-Round Residence	1.50	377723.23	4736565.70	309.46

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
393	175.00-1-22.121	Non-Participating	Year-Round Residence	1.50	377732.21	4736637.82	307.80
394	175.00-1-36.2	Non-Participating	Year-Round Residence	1.50	377970.65	4736567.96	299.86
395	175.00-1-36.4	Non-Participating	Year-Round Residence	1.50	378002.63	4736510.69	299.75
396	175.00-1-30	Non-Participating	Year-Round Residence	1.50	378238.68	4736371.12	292.54
397	175.00-1-32.72	Non-Participating	Year-Round Residence	1.50	378107.18	4736371.41	300.51
398	175.00-1-31	Non-Participating	Year-Round Residence	1.50	378297.18	4736294.83	290.83
399	186.00-1-32.33	Non-Participating	Year-Round Residence	1.50	378365.66	4736207.82	287.56
400	186.00-1-32.1	Non-Participating	Year-Round Residence	1.50	378401.71	4736134.85	289.40
403	186.00-1-10	Non-Participating	Year-Round Residence	1.50	378443.04	4735898.68	296.11
404	186.00-1-13	Non-Participating	Year-Round Residence	1.50	378471.26	4735853.47	296.63
405	186.00-1-12	Non-Participating	Year-Round Residence	1.50	378452.25	4735789.17	303.24
406	186.00-1-14	Non-Participating	Year-Round Residence	1.50	378527.85	4735752.51	297.00
407	187.13-1-2	Non-Participating	Year-Round Residence	1.50	379418.44	4734636.13	238.22
408	186.00-1-9	Non-Participating	Year-Round Residence	1.50	378811.32	4735200.84	301.45
409	186.00-1-8	Non-Participating	Year-Round Residence	1.50	378777.44	4735191.95	305.91
410	186.00-1-10.2	Non-Participating	Year-Round Residence	1.50	378806.44	4735300.44	295.33
412	186.00-1-7	Non-Participating	Year-Round Residence	1.50	378600.96	4735293.06	317.09
415	186.00-1-19.2	Non-Participating	Year-Round Residence	1.50	378369.73	4735340.63	330.85
416	186.00-1-21	Non-Participating	Year-Round Residence	1.50	378241.69	4735331.41	335.50
418	186.00-1-7.1	Non-Participating	Year-Round Residence	1.50	377968.10	4735715.79	332.92
419	186.00-1-22.21	Non-Participating	Year-Round Residence	1.50	377756.08	4735780.44	340.53
420	175.00-1-32.118	Non-Participating	Year-Round Residence	1.50	377834.28	4735863.24	333.72
421	175.00-1-33	Non-Participating	Year-Round Residence	1.50	377758.62	4736032.13	329.26
422	175.00-1-32.4	Non-Participating	Year-Round Residence	1.50	377760.75	4736126.17	325.34
424	175.00-1-32.3	Non-Participating	Year-Round Residence	1.50	378029.39	4736175.93	308.50
427	175.00-1-32.6	Non-Participating	Year-Round Residence	1.50	377777.78	4736336.91	315.73
428	175.00-1-36.12	Non-Participating	Year-Round Residence	1.50	377681.32	4736423.36	317.18
429	175.00-1-36.3	Non-Participating	Year-Round Residence	1.50	377760.24	4736466.92	311.44
430	175.00-1-36.5	Non-Participating	Year-Round Residence	1.50	377511.27	4736420.74	329.05
431	163.00-1-10.22	Non-Participating	Year-Round Residence	1.50	374961.46	4741178.49	329.50
432	153.00-1-29.2	Non-Participating	Year-Round Residence	1.50	374810.39	4741083.13	332.50
433	163.00-1-8	Non-Participating	Year-Round Residence	1.50	375180.48	4741204.45	320.88
434	163.00-1-7.3	Non-Participating	Year-Round Residence	1.50	374822.08	4740951.38	331.74
435	163.00-1-6	Non-Participating	Year-Round Residence	1.50	374823.36	4740864.54	331.70
436	163.00-1-7.2	Non-Participating	Year-Round Residence	1.50	374889.05	4740745.61	328.98
438	163.00-1-12.1	Non-Participating	Year-Round Residence	1.50	374822.90	4740511.45	338.50
439	163.00-1-11.3	Non-Participating	Year-Round Residence	1.50	374933.80	4740458.88	332.11
440	163.00-1-11.13	Non-Participating	Year-Round Residence	1.50	374890.23	4740286.05	342.00
441	163.00-1-11.114	Non-Participating	Year-Round Residence	1.50	374900.82	4740231.00	342.78
442	163.00-1-13.12	Non-Participating	Year-Round Residence	1.50	374861.06	4739699.92	354.10
443	163.00-1-13.11	Non-Participating	Year-Round Residence	1.50	374856.91	4739807.89	353.50
446	163.00-1-35	Non-Participating	Year-Round Residence	1.50	374859.13	4739577.90	356.90
447	163.00-1-36.32	Non-Participating	Year-Round Residence	1.50	375675.13	4739496.33	329.53
448	164.00-1-10.1	Non-Participating	Year-Round Residence	1.50	375826.88	4739477.02	322.04
449	163.00-1-36.1	Non-Participating	Year-Round Residence	1.50	374916.41	4739293.75	359.50
450	163.00-1-34	Non-Participating	Year-Round Residence	1.50	374858.13	4739212.54	357.62
451	163.00-1-37	Non-Participating	Year-Round Residence	1.50	374928.64	4739158.84	356.50
453	163.00-1-38	Non-Participating	Year-Round Residence	1.50	374934.50	4739006.89	361.23
454	174.00-1-22.2	Non-Participating	Year-Round Residence	1.50	374855.79	4738703.58	376.49
455	174.00-1-22.13	Non-Participating	Year-Round Residence	1.50	374956.18	4738671.91	374.74
456	174.00-1-22.114	Non-Participating	Year-Round Residence	1.50	374892.50	4738549.60	382.50

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
457	174.00-1-22.119	Non-Participating	Year-Round Residence	1.50	374960.28	4738619.16	376.66
459	174.00-1-22.112	Non-Participating	Year-Round Residence	1.50	374808.65	4738437.47	386.50
460	174.00-1-21.2	Non-Participating	Year-Round Residence	1.50	374885.54	4738372.82	384.58
461	174.00-1-23.1	Non-Participating	Year-Round Residence	1.50	375098.61	4738363.73	378.03
462	174.00-1-21.11	Non-Participating	Year-Round Residence	1.50	374900.17	4738281.00	384.27
464	174.00-1-19.1	Non-Participating	Year-Round Residence	1.50	374732.66	4738243.73	386.49
465	174.00-1-23.2	Non-Participating	Year-Round Residence	1.50	374960.11	4738204.83	383.50
466	174.00-1-20	Non-Participating	Year-Round Residence	1.50	374880.46	4738134.81	383.50
467	174.00-1-28.12	Non-Participating	Year-Round Residence	1.50	374967.38	4737991.30	383.50
468	174.00-1-27	Non-Participating	Year-Round Residence	1.50	375108.65	4737989.01	383.50
469	174.00-1-26	Non-Participating	Year-Round Residence	1.50	375207.68	4737981.34	380.50
470	174.00-1-28.111	Non-Participating	Year-Round Residence	1.50	375227.58	4738054.71	378.85
473	175.00-1-1.2	Non-Participating	Year-Round Residence	1.50	375456.64	4738084.92	380.50
474	175.00-1-15.21	Non-Participating	Year-Round Residence	1.50	375852.74	4737710.15	377.50
476	175.00-1-1.1	Non-Participating	Year-Round Residence	1.50	376236.43	4738096.80	339.93
480	174.00-1-29.1	Non-Participating	Year-Round Residence	1.50	374967.87	4737620.62	387.53
481	174.00-1-30.1	Non-Participating	Year-Round Residence	1.50	374974.48	4737549.55	390.00
482	174.00-1-31	Non-Participating	Year-Round Residence	1.50	374925.84	4737438.08	395.50
483	174.00-1-78.2	Non-Participating	Year-Round Residence	1.50	375007.87	4736728.17	401.50
484	174.00-1-78.12	Non-Participating	Year-Round Residence	1.50	374939.22	4736669.29	402.03
488	175.00-1-43	Non-Participating	Year-Round Residence	1.50	375742.09	4736623.57	388.25
489	175.00-1-39.2	Non-Participating	Year-Round Residence	1.50	376655.28	4736709.73	356.50
490	175.00-1-17.43	Non-Participating	Year-Round Residence	1.50	376574.74	4736803.76	356.50
491	175.00-1-17.3	Non-Participating	Year-Round Residence	1.50	376392.38	4736765.18	368.50
492	175.00-1-17.122	Non-Participating	Year-Round Residence	1.50	376776.58	4736852.19	343.17
493	175.00-1-38.121	Non-Participating	Year-Round Residence	1.50	377049.15	4736677.36	339.55
495	185.00-1-8	Non-Participating	Year-Round Residence	1.50	375031.21	4735612.39	412.22
496	186.00-1-4	Non-Participating	Year-Round Residence	1.50	376146.86	4735647.17	399.63
500	186.00-1-25	Non-Participating	Year-Round Residence	1.50	376915.88	4735627.65	368.05
501	186.00-1-26	Non-Participating	Year-Round Residence	1.50	376544.86	4735620.45	388.98
502	186.00-1-24	Non-Participating	Year-Round Residence	1.50	377046.68	4735638.14	362.50
503	186.00-1-6	Non-Participating	Year-Round Residence	1.50	377399.08	4735755.26	351.44
504	186.00-1-22.32	Non-Participating	Year-Round Residence	1.50	377807.23	4735447.82	351.68
505	186.00-1-22.31	Non-Participating	Year-Round Residence	1.50	377791.24	4735544.38	350.50
506	186.00-1-20	Non-Participating	Year-Round Residence	1.50	377928.65	4735032.12	366.91
507	186.00-1-28	Non-Participating	Year-Round Residence	1.50	376657.73	4734976.08	401.50
509		Participating	Other Structures	1.50	376816.43	4734837.96	397.93
510		Participating	Other Structures	1.50	376813.45	4734815.13	398.57
511	186.00-1-2.3	Non-Participating	Year-Round Residence	1.50	377390.89	4734710.21	394.78
512	186.00-1-2.2	Non-Participating	Year-Round Residence	1.50	377672.03	4734708.57	389.50
513	186.00-1-2.1	Non-Participating	Year-Round Residence	1.50	377662.14	4734568.90	395.50
514	186.00-1-3	Non-Participating	Year-Round Residence	1.50	377842.22	4734505.58	388.26
515	186.00-1-4.2	Non-Participating	Year-Round Residence	1.50	377718.11	4734473.76	394.89
517		Non-Participating	Commercial Structures	1.50	378154.80	4734134.77	391.00
518		Non-Participating	Commercial Structures	1.50	378107.34	4734176.53	391.36
519		Non-Participating	Commercial Structures	1.50	378266.45	4734186.60	382.69
520	186.00-1-16	Non-Participating	Year-Round Residence	1.50	378246.23	4734106.95	386.50
521	186.00-1-14.1	Non-Participating	Year-Round Residence	1.50	378460.52	4734061.70	379.24
522	186.00-1-15.6	Non-Participating	Year-Round Residence	1.50	378350.97	4734011.81	386.02
523		Non-Participating	Commercial Structures	1.50	378495.77	4734042.87	378.83
524	186.00-1-15.3	Non-Participating	Year-Round Residence	1.50	378599.67	4733825.60	381.48

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
525	197.00-1-9	Non-Participating	Year-Round Residence	1.50	378864.11	4733616.76	377.65
526	187.00-1-10	Non-Participating	Year-Round Residence	1.50	379169.12	4733416.33	377.50
529	197.00-1-59	Non-Participating	Year-Round Residence	1.50	379001.19	4733197.89	395.50
530	198.00-1-1.1	Non-Participating	Year-Round Residence	1.50	379130.93	4733084.30	394.97
531	198.00-1-2.12	Non-Participating	Year-Round Residence	1.50	379218.26	4732840.73	402.01
532	198.00-1-2.111	Non-Participating	Year-Round Residence	1.50	379327.75	4732577.12	404.65
533	198.00-1-2.2	Non-Participating	Year-Round Residence	1.50	379283.30	4732667.32	404.50
534	198.00-1-2.3	Non-Participating	Year-Round Residence	1.50	379403.04	4732407.89	409.71
535	197.00-1-46.2	Non-Participating	Year-Round Residence	1.50	379258.15	4732468.73	411.37
536	197.00-1-46.142	Non-Participating	Year-Round Residence	1.50	379094.69	4732411.13	416.45
537		Non-Participating	Year-Round Residence	1.50	379363.95	4732280.39	413.50
538		Non-Participating	Year-Round Residence	1.50	379480.39	4732193.56	408.16
539		Non-Participating	Year-Round Residence	1.50	379546.67	4732144.37	409.09
540		Non-Participating	Year-Round Residence	1.50	379419.37	4732232.85	412.13
541		Non-Participating	Year-Round Residence	1.50	379820.43	4731962.69	407.50
542		Non-Participating	Year-Round Residence	1.50	379695.95	4732085.63	404.94
543		Non-Participating	Year-Round Residence	1.50	379609.23	4732090.52	407.50
544		Non-Participating	Year-Round Residence	1.50	379945.84	4731793.24	407.50
545		Non-Participating	Year-Round Residence	1.50	379981.26	4731686.87	407.93
546		Non-Participating	Year-Round Residence	1.50	380117.58	4731672.32	407.50
547		Non-Participating	Year-Round Residence	1.50	380038.60	4731625.49	407.54
548		Non-Participating	Year-Round Residence	1.50	380253.21	4731640.72	404.50
549		Non-Participating	Year-Round Residence	1.50	380049.66	4731556.63	407.97
550		Non-Participating	Year-Round Residence	1.50	380327.64	4731638.96	401.50
551		Non-Participating	Year-Round Residence	1.50	380387.17	4731622.60	401.50
552		Non-Participating	Year-Round Residence	1.50	380517.73	4731579.93	401.50
553		Non-Participating	Year-Round Residence	1.50	380384.41	4731512.45	402.45
557		Non-Participating	Year-Round Residence	1.50	380052.09	4731414.91	412.21
558		Non-Participating	Year-Round Residence	1.50	380171.99	4731107.26	415.50
559		Non-Participating	Year-Round Residence	1.50	380051.70	4731077.43	419.50
560		Non-Participating	Year-Round Residence	1.50	380070.41	4731133.11	419.22
563		Non-Participating	Year-Round Residence	1.50	380148.32	4730987.36	419.59
564		Non-Participating	Year-Round Residence	1.50	380074.55	4730966.22	422.50
565		Non-Participating	Year-Round Residence	1.50	380050.06	4730919.46	422.50
566		Non-Participating	Year-Round Residence	1.50	380080.01	4730850.60	422.50
567		Non-Participating	Year-Round Residence	1.50	380139.31	4730933.04	421.75
568		Non-Participating	Year-Round Residence	1.50	380156.81	4730878.23	422.50
569		Non-Participating	Year-Round Residence	1.50	379948.14	4730792.05	422.50
570		Non-Participating	Year-Round Residence	1.50	380088.55	4730725.12	424.25
571		Non-Participating	Year-Round Residence	1.50	380077.94	4730779.08	423.68
572		Non-Participating	Year-Round Residence	1.50	380089.15	4730505.34	426.38
573		Participating	Year-Round Residence	1.50	376554.14	4734617.85	408.36
574		Non-Participating	Year-Round Residence	1.50	376593.51	4734161.61	416.50
575		Non-Participating	Year-Round Residence	1.50	376668.33	4734190.36	419.50
577		Non-Participating	Year-Round Residence	1.50	376703.96	4733873.22	417.94
578		Non-Participating	Year-Round Residence	1.50	376630.83	4733511.46	422.50
579		Non-Participating	Commercial Structures	1.50	376680.06	4733513.07	421.38
580		Non-Participating	Commercial Structures	1.50	376644.77	4733543.57	421.69
581		Non-Participating	Institutional Structures	1.50	376534.33	4733071.41	419.50
582		Non-Participating	Year-Round Residence	1.50	376807.56	4732982.80	418.88
583		Non-Participating	Year-Round Residence	1.50	376703.75	4732897.46	417.27

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
584		Non-Participating	Year-Round Residence	1.50	377104.75	4733021.03	425.17
585		Non-Participating	Year-Round Residence	1.50	377197.24	4732976.44	425.50
586		Non-Participating	Year-Round Residence	1.50	377128.42	4732912.35	424.31
587		Participating	Year-Round Residence	1.50	377530.26	4732272.42	425.50
588		Non-Participating	Year-Round Residence	1.50	377774.09	4732879.92	417.08
589		Non-Participating	Year-Round Residence	1.50	377821.31	4732791.11	419.50
590		Non-Participating	Year-Round Residence	1.50	377847.66	4732858.86	417.97
591		Non-Participating	Year-Round Residence	1.50	377887.48	4732849.86	417.76
592		Non-Participating	Year-Round Residence	1.50	377903.62	4732762.58	419.50
593		Non-Participating	Year-Round Residence	1.50	377942.47	4732752.01	419.50
594		Non-Participating	Year-Round Residence	1.50	377961.92	4732858.30	417.02
595		Non-Participating	Year-Round Residence	1.50	378031.81	4732844.29	417.92
596		Non-Participating	Year-Round Residence	1.50	378092.86	4732816.17	419.24
597		Non-Participating	Year-Round Residence	1.50	378140.29	4732840.04	419.50
598		Non-Participating	Year-Round Residence	1.50	378195.62	4732811.70	419.50
599		Non-Participating	Commercial Structures	1.50	378212.86	4732715.52	420.06
600		Non-Participating	Commercial Structures	1.50	378442.03	4732782.32	420.12
601		Non-Participating	Year-Round Residence	1.50	378290.06	4732938.80	416.50
603		Non-Participating	Commercial Structures	1.50	378532.89	4732634.60	420.99
604		Non-Participating	Year-Round Residence	1.50	378503.69	4732549.76	422.50
605		Non-Participating	Year-Round Residence	1.50	378964.73	4732608.41	411.50
608		Non-Participating	Year-Round Residence	1.50	377042.60	4732736.57	418.47
609		Non-Participating	Year-Round Residence	1.50	377049.09	4732673.75	417.75
610		Non-Participating	Year-Round Residence	1.50	377067.11	4732036.69	420.45
611		Participating	Year-Round Residence	1.50	377076.93	4732083.28	419.94
612		Participating	Commercial Structure	1.50	377043.40	4732110.62	420.19
613		Non-Participating	Year-Round Residence	1.50	377082.27	4731629.31	422.50
614		Participating	Year-Round Residence	1.50	377561.91	4731727.75	426.01
615		Non-Participating	Year-Round Residence	1.50	377683.41	4731648.39	426.76
618		Non-Participating	Year-Round Residence	1.50	378481.17	4731753.74	428.50
620		Non-Participating	Year-Round Residence	1.50	379402.21	4731828.34	416.91
621		Non-Participating	Year-Round Residence	1.50	379019.02	4731232.57	434.50
622		Non-Participating	Year-Round Residence	1.50	379056.17	4731120.91	434.50
623		Non-Participating	Year-Round Residence	1.50	379112.86	4730897.01	432.51
626		Non-Participating	Year-Round Residence	1.50	379025.01	4730721.60	434.50
627		Non-Participating	Year-Round Residence	1.50	379069.55	4730120.77	441.51
628		Non-Participating	Year-Round Residence	1.50	379238.06	4730068.39	442.47
629		Non-Participating	Year-Round Residence	1.50	379308.52	4730145.22	438.15
630		Non-Participating	Year-Round Residence	1.50	379177.59	4730063.69	443.50
633		Non-Participating	Commercial Structures	1.50	377081.08	4731565.57	422.50
635		Non-Participating	Year-Round Residence	1.50	377143.43	4731488.18	425.50
636		Non-Participating	Year-Round Residence	1.50	377111.10	4730900.97	419.28
638		Non-Participating	Year-Round Residence	1.50	377187.78	4730473.68	416.16
639		Non-Participating	Year-Round Residence	1.50	377177.56	4730583.35	418.35
640		Non-Participating	Commercial Structures	1.50	377204.91	4730532.89	418.20
641		Non-Participating	Commercial Structures	1.50	377288.72	4730537.96	422.50
642		Non-Participating	Commercial Structures	1.50	377309.21	4730583.77	423.85
643		Non-Participating	Commercial Structures	1.50	377273.80	4730635.24	422.50
644		Non-Participating	Commercial Structures	1.50	377211.24	4730593.40	419.50
645		Non-Participating	Year-Round Residence	1.50	377209.87	4730089.36	410.50
648		Non-Participating	Year-Round Residence	1.50	378158.82	4730088.50	437.50

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
651		Non-Participating	Year-Round Residence	1.50	378627.37	4730467.53	436.20
652		Non-Participating	Year-Round Residence	1.50	378627.90	4730413.63	435.93
653		Non-Participating	Year-Round Residence	1.50	378625.27	4730355.69	435.80
654		Non-Participating	Year-Round Residence	1.50	378625.42	4730281.78	435.52
655		Non-Participating	Year-Round Residence	1.50	378622.63	4730187.39	434.60
656		Non-Participating	Year-Round Residence	1.50	378620.09	4730134.07	434.17
657		Non-Participating	Year-Round Residence	1.50	378886.27	4730123.94	440.50
658		Non-Participating	Year-Round Residence	1.50	378710.66	4730010.22	437.50
659		Non-Participating	Year-Round Residence	1.50	378199.52	4729189.92	426.63
664		Non-Participating	Year-Round Residence	1.50	377189.15	4729884.45	406.02
670		Non-Participating	Year-Round Residence	1.50	377145.68	4729609.03	401.50
671		Non-Participating	Year-Round Residence	1.50	377136.49	4729219.93	398.50
672		Non-Participating	Year-Round Residence	1.50	373751.33	4740767.95	377.50
673		Non-Participating	Year-Round Residence	1.50	373593.96	4740365.45	375.15
674		Non-Participating	Year-Round Residence	1.50	374002.17	4739615.64	377.50
675		Non-Participating	Year-Round Residence	1.50	373772.19	4739547.63	384.59
676		Non-Participating	Year-Round Residence	1.50	374237.87	4739548.19	372.16
677		Non-Participating	Year-Round Residence	1.50	374192.31	4739616.21	372.22
679		Non-Participating	Year-Round Residence	1.50	374559.59	4739622.40	360.75
680		Non-Participating	Year-Round Residence	1.50	374593.28	4739619.01	360.28
682		Non-Participating	Year-Round Residence	1.50	372382.31	4740812.30	369.33
685		Non-Participating	Public Structures	1.50	372548.47	4740173.72	383.50
686		Non-Participating	Year-Round Residence	1.50	372485.00	4739857.00	380.50
690		Non-Participating	Year-Round Residence	1.50	372583.11	4739578.92	377.50
691		Non-Participating	Year-Round Residence	1.50	372375.07	4739560.78	373.87
692		Non-Participating	Year-Round Residence	1.50	372416.23	4739551.40	374.50
693		Non-Participating	Institutional Structures	1.50	372405.61	4739499.59	374.50
694		Non-Participating	Institutional Structures	1.50	372405.83	4739437.59	374.50
695		Non-Participating	Institutional Structures	1.50	372353.34	4739503.67	373.13
696		Non-Participating	Year-Round Residence	1.50	373521.24	4739591.61	390.86
697		Non-Participating	Year-Round Residence	1.50	373478.20	4739592.76	391.76
704		Non-Participating	Year-Round Residence	1.50	372493.88	4739258.69	375.51
705		Non-Participating	Public Structures	1.50	372398.06	4739017.71	369.82
706		Non-Participating	Year-Round Residence	1.50	372428.89	4739083.59	371.38
707		Non-Participating	Year-Round Residence	1.50	372523.75	4738792.38	369.54
710		Non-Participating	Institutional Structures	1.50	372521.29	4738629.65	369.41
712		Non-Participating	Year-Round Residence	1.50	372511.71	4738311.56	365.50
713		Non-Participating	Year-Round Residence	1.50	372513.14	4738267.39	365.50
714		Non-Participating	Year-Round Residence	1.50	372515.61	4738212.16	365.65
715		Non-Participating	Year-Round Residence	1.50	372516.13	4738186.32	366.11
716		Non-Participating	Year-Round Residence	1.50	372511.99	4738126.20	365.69
717		Non-Participating	Public Structures	1.50	372526.58	4738101.60	365.50
718		Non-Participating	Public Structures	1.50	372526.05	4738046.93	365.50
719		Non-Participating	Year-Round Residence	1.50	372431.11	4738039.69	365.50
723		Non-Participating	Year-Round Residence	1.50	372450.31	4737940.26	364.01
724		Non-Participating	Year-Round Residence	1.50	372469.28	4737922.09	364.41
725		Non-Participating	Year-Round Residence	1.50	372578.41	4737936.85	365.63
726		Non-Participating	Year-Round Residence	1.50	372520.46	4737989.60	365.50
727		Non-Participating	Year-Round Residence	1.50	372634.62	4737938.55	367.11
728		Non-Participating	Year-Round Residence	1.50	372612.28	4737937.47	366.56
729		Non-Participating	Year-Round Residence	1.50	372639.18	4737994.15	367.24

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
733		Non-Participating	Year-Round Residence	1.50	372686.52	4737991.00	369.02
734		Non-Participating	Year-Round Residence	1.50	372677.87	4737930.72	368.09
735		Non-Participating	Year-Round Residence	1.50	372721.40	4737938.18	369.49
736		Non-Participating	Year-Round Residence	1.50	372760.56	4737993.37	371.46
737		Non-Participating	Year-Round Residence	1.50	372830.88	4737998.57	372.80
738		Non-Participating	Public Structures	1.50	372814.77	4737928.65	372.63
739		Non-Participating	Year-Round Residence	1.50	372838.18	4737933.23	373.29
740		Non-Participating	Public Structures	1.50	372817.41	4737895.74	372.34
741		Non-Participating	Year-Round Residence	1.50	372914.97	4737988.72	374.50
742		Non-Participating	Year-Round Residence	1.50	372889.15	4737936.03	374.50
743		Non-Participating	Year-Round Residence	1.50	372999.13	4737942.75	376.36
744		Non-Participating	Year-Round Residence	1.50	373055.90	4737934.41	377.47
745		Non-Participating	Year-Round Residence	1.50	373103.70	4737941.79	378.95
746		Non-Participating	Public Structures	1.50	373235.39	4738049.92	392.50
747		Non-Participating	Year-Round Residence	1.50	373305.95	4737947.52	389.78
749		Non-Participating	Year-Round Residence	1.50	373354.28	4738009.81	392.50
753		Non-Participating	Year-Round Residence	1.50	373808.43	4737955.68	398.50
758		Non-Participating	Year-Round Residence	1.50	374175.98	4738031.44	394.18
760		Non-Participating	Year-Round Residence	1.50	374440.94	4738036.46	390.92
761		Non-Participating	Institutional Structures	1.50	374504.63	4738163.39	388.00
763		Non-Participating	Year-Round Residence	1.50	372458.81	4737892.80	365.10
764		Non-Participating	Year-Round Residence	1.50	372520.83	4737814.92	365.50
765		Non-Participating	Year-Round Residence	1.50	372465.00	4737846.83	365.39
769		Non-Participating	Year-Round Residence	1.50	372476.22	4737763.30	363.24
770		Non-Participating	Year-Round Residence	1.50	372473.50	4737712.43	362.75
771		Non-Participating	Year-Round Residence	1.50	372527.93	4737734.99	364.27
772		Non-Participating	Institutional Structures	1.50	372540.55	4737585.52	362.50
773		Non-Participating	Year-Round Residence	1.50	372478.65	4737599.25	362.13
774		Non-Participating	Year-Round Residence	1.50	372480.04	4737556.02	362.11
775		Non-Participating	Year-Round Residence	1.50	372435.83	4737561.25	361.03
777		Non-Participating	Year-Round Residence	1.50	372483.31	4737507.24	362.44
778		Non-Participating	Public Structures	1.50	372423.40	4737383.34	358.83
779		Non-Participating	Year-Round Residence	1.50	372560.91	4736967.97	357.70
780		Non-Participating	Year-Round Residence	1.50	372548.55	4737140.96	359.50
785		Non-Participating	Year-Round Residence	1.50	372497.81	4736650.08	353.50
786		Non-Participating	Year-Round Residence	1.50	372554.51	4736551.55	353.50
787		Non-Participating	Year-Round Residence	1.50	372574.58	4736372.75	350.50
788		Non-Participating	Year-Round Residence	1.50	372506.73	4736207.67	344.50
789		Non-Participating	Year-Round Residence	1.50	372538.19	4735839.04	337.91
790		Non-Participating	Year-Round Residence	1.50	373185.29	4735915.59	365.80
791		Non-Participating	Year-Round Residence	1.50	373074.74	4735843.27	362.77
792		Non-Participating	Year-Round Residence	1.50	373337.00	4735832.49	369.13
793		Non-Participating	Year-Round Residence	1.50	373684.57	4735938.55	382.35
794		Non-Participating	Year-Round Residence	1.50	373951.61	4737236.92	395.05
795		Non-Participating	Year-Round Residence	1.50	373910.82	4737146.69	395.50
796		Non-Participating	Year-Round Residence	1.50	374221.46	4735486.15	396.78
797		Non-Participating	Year-Round Residence	1.50	374168.89	4735587.85	395.50
801		Non-Participating	Other Structures	1.50	374771.78	4733967.85	390.68
802		Non-Participating	Year-Round Residence	1.50	374907.98	4733958.24	400.97
803		Non-Participating	Other Structures	1.50	374997.51	4733946.76	403.61
804		Non-Participating	Other Structures	1.50	374953.36	4733953.86	402.33

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
805		Non-Participating	Year-Round Residence	1.50	375026.12	4733664.81	399.94
806		Non-Participating	Year-Round Residence	1.50	375114.80	4733552.03	401.50
807		Non-Participating	Year-Round Residence	1.50	375108.29	4733619.37	401.50
808		Non-Participating	Year-Round Residence	1.50	375053.87	4733526.34	399.01
809		Non-Participating	Year-Round Residence	1.50	375165.68	4733296.26	401.50
810		Non-Participating	Year-Round Residence	1.50	375111.95	4733266.67	398.43
811		Non-Participating	Year-Round Residence	1.50	375129.95	4733223.44	398.57
812		Non-Participating	Year-Round Residence	1.50	375216.01	4733158.13	398.50
813		Non-Participating	Commercial Structures	1.50	375309.62	4733147.84	398.50
814		Non-Participating	Commercial Structures	1.50	375338.29	4733152.07	398.50
815		Non-Participating	Commercial Structures	1.50	375315.35	4733105.85	398.50
817		Non-Participating	Year-Round Residence	1.50	375266.84	4732966.56	396.55
819		Non-Participating	Year-Round Residence	1.50	375368.69	4733021.58	396.20
820		Non-Participating	Year-Round Residence	1.50	375401.74	4732978.32	395.50
822		Non-Participating	Year-Round Residence	1.50	375183.00	4732895.90	393.38
823		Non-Participating	Commercial Structures	1.50	375183.43	4732932.26	395.18
825		Non-Participating	Other Structures	1.50	375497.74	4732961.48	395.98
826		Non-Participating	Year-Round Residence	1.50	375925.93	4733038.83	416.50
827		Non-Participating	Year-Round Residence	1.50	376207.34	4732965.22	416.50
828		Non-Participating	Institutional Structures	1.50	375299.66	4732741.02	393.95
829		Non-Participating	Year-Round Residence	1.50	375277.07	4732794.35	393.62
830		Non-Participating	Year-Round Residence	1.50	375319.61	4732852.63	395.50
831		Non-Participating	Year-Round Residence	1.50	375354.48	4732772.84	395.50
832		Non-Participating	Commercial Structures	1.50	375402.48	4732804.78	395.50
834		Non-Participating	Public Structures	1.50	375400.61	4732663.24	392.50
835		Non-Participating	Year-Round Residence	1.50	375344.68	4732619.86	392.50
836		Participating	Year-Round Residence	1.50	375469.03	4732307.89	392.50
837		Participating	Commercial Structures	1.50	375460.17	4732386.58	392.66
838		Participating	Commercial Structures	1.50	375496.08	4732391.07	393.07
839		Non-Participating	Year-Round Residence	1.50	375433.68	4731653.44	375.44
840		Participating	Year-Round Residence	1.50	375556.49	4731495.05	377.50
841		Participating	Commercial Structures	1.50	375483.77	4731549.15	375.70
842		Participating	Commercial Structures	1.50	375538.69	4731579.34	378.02
843		Participating	Commercial Structures	1.50	375491.80	4731460.74	374.50
844		Participating	Commercial Structures	1.50	375529.33	4731453.04	375.32
845		Participating	Commercial Structures	1.50	375517.36	4731360.16	373.25
846		Participating	Commercial Structures	1.50	375522.38	4731312.17	372.24
847		Participating	Commercial Structures	1.50	375529.51	4731261.99	371.50
848		Participating	Year-Round Residence	1.50	375695.97	4731314.43	374.50
849		Participating	Year-Round Residence	1.50	375691.69	4731324.84	374.50
850		Participating	Year-Round Residence	1.50	375689.49	4731335.90	375.66
851		Non-Participating	Commercial Structures	1.50	375606.86	4731109.13	373.05
852		Non-Participating	Commercial Structures	1.50	375642.23	4730970.70	372.34
853		Non-Participating	Year-Round Residence	1.50	375705.30	4730990.51	374.50
854		Non-Participating	Year-Round Residence	1.50	375779.95	4730574.81	369.96
855		Non-Participating	Year-Round Residence	1.50	376137.98	4730055.92	374.50
856		Non-Participating	Commercial Structures	1.50	376197.45	4730057.57	375.32
857		Non-Participating	Commercial Structures	1.50	376203.31	4730089.31	375.36
858		Non-Participating	Commercial Structures	1.50	376160.30	4730096.39	373.94
859		Non-Participating	Year-Round Residence	1.50	375827.90	4729868.11	364.08
860		Non-Participating	Year-Round Residence	1.50	376084.55	4729222.10	365.50

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
861		Non-Participating	Year-Round Residence	1.50	376139.57	4728867.53	363.56
863		Non-Participating	Year-Round Residence	1.50	376187.16	4728523.95	363.78
864		Non-Participating	Year-Round Residence	1.50	376134.79	4728559.72	362.25
866		Non-Participating	Year-Round Residence	1.50	376094.75	4728297.67	356.72
871		Non-Participating	Year-Round Residence	1.50	372709.38	4735422.95	340.79
872		Non-Participating	Year-Round Residence	1.50	372709.18	4735194.33	339.91
875		Non-Participating	Year-Round Residence	1.50	372591.73	4734882.41	329.70
876		Non-Participating	Year-Round Residence	1.50	373039.66	4734776.69	356.50
877		Non-Participating	Year-Round Residence	1.50	372685.62	4733910.32	325.63
878		Participating	Year-Round Residence	1.50	372626.25	4734000.27	323.50
879		Non-Participating	Year-Round Residence	1.50	372666.33	4733845.43	324.58
880		Non-Participating	Year-Round Residence	1.50	372567.31	4733537.57	312.53
881		Non-Participating	Commercial Structures	1.50	372672.21	4733547.73	316.72
882		Non-Participating	Commercial Structures	1.50	372639.42	4733527.40	315.55
884		Non-Participating	Commercial Structures	1.50	372515.97	4733433.08	307.80
885		Non-Participating	Year-Round Residence	1.50	372557.14	4733289.33	305.14
886		Non-Participating	Year-Round Residence	1.50	372556.04	4733242.62	304.99
887		Non-Participating	Year-Round Residence	1.50	372563.78	4733208.31	304.37
888		Non-Participating	Year-Round Residence	1.50	372554.22	4733180.93	303.62
889		Non-Participating	Commercial Structures	1.50	372692.98	4733198.17	310.19
890		Non-Participating	Year-Round Residence	1.50	372592.18	4733112.54	305.78
891		Non-Participating	Year-Round Residence	1.50	372597.84	4733085.32	305.66
892		Non-Participating	Year-Round Residence	1.50	372635.66	4733138.84	307.61
893		Non-Participating	Year-Round Residence	1.50	372639.17	4733091.16	307.26
894		Non-Participating	Year-Round Residence	1.50	372643.58	4733067.49	307.07
895		Non-Participating	Year-Round Residence	1.50	372669.08	4732993.39	308.58
896		Non-Participating	Institutional Structures	1.50	372605.36	4732868.00	303.75
898		Non-Participating	Year-Round Residence	1.50	372837.34	4732902.14	320.01
899		Non-Participating	Other Structures	1.50	372713.58	4733018.45	311.42
900		Non-Participating	Year-Round Residence	1.50	373267.68	4733011.05	348.80
901		Non-Participating	Year-Round Residence	1.50	373343.03	4732903.87	349.77
903		Participating	Institutional Structures	1.50	373505.60	4732730.23	354.12
904		Participating	Institutional Structures	1.50	373565.35	4732709.26	355.72
905		Non-Participating	Institutional Structures	1.50	373505.79	4732491.39	348.00
906		Non-Participating	Year-Round Residence	1.50	373751.96	4732983.28	362.50
908		Non-Participating	Year-Round Residence	1.50	374236.89	4732939.33	365.50
909		Non-Participating	Year-Round Residence	1.50	374416.57	4732998.69	368.50
910		Non-Participating	Year-Round Residence	1.50	374428.35	4733016.38	368.50
911		Non-Participating	Year-Round Residence	1.50	374847.07	4733033.74	379.40
913		Non-Participating	Commercial Structures	1.50	374913.33	4732955.87	380.50
914		Non-Participating	Commercial Structures	1.50	374933.89	4732931.24	380.30
915		Non-Participating	Public Structures	1.50	372811.51	4732365.86	312.84
916		Non-Participating	Year-Round Residence	1.50	372829.83	4732213.83	309.21
917		Non-Participating	Year-Round Residence	1.50	372742.38	4732221.63	301.87
918		Non-Participating	Year-Round Residence	1.50	372822.67	4732087.60	301.25
919		Non-Participating	Year-Round Residence	1.50	372982.53	4731811.62	310.89
922		Non-Participating	Year-Round Residence	1.50	373100.98	4731704.26	323.74
923		Non-Participating	Year-Round Residence	1.50	373055.62	4731591.88	308.70
924		Non-Participating	Year-Round Residence	1.50	373090.77	4731580.96	314.77
930		Non-Participating	Year-Round Residence	1.50	373553.30	4731613.11	338.23
931		Non-Participating	Year-Round Residence	1.50	373764.63	4731618.96	353.61

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
932		Non-Participating	Year-Round Residence	1.50	373800.11	4731540.05	356.50
933		Non-Participating	Year-Round Residence	1.50	373961.25	4731621.47	357.15
934		Non-Participating	Year-Round Residence	1.50	374117.12	4731627.46	360.11
935		Non-Participating	Year-Round Residence	1.50	374326.19	4731562.59	359.82
936		Non-Participating	Year-Round Residence	1.50	374660.72	4731649.70	363.63
937		Participating	Year-Round Residence	1.50	374504.60	4731630.17	361.97
938		Non-Participating	Year-Round Residence	1.50	374712.92	4731487.62	365.50
939		Non-Participating	Year-Round Residence	1.50	374996.64	4731640.06	368.50
940		Non-Participating	Year-Round Residence	1.50	375030.96	4731556.61	368.50
941		Non-Participating	Year-Round Residence	1.50	375080.37	4731582.55	368.50
942		Non-Participating	Year-Round Residence	1.50	373065.32	4731455.36	307.05
944		Non-Participating	Year-Round Residence	1.50	373108.64	4731276.61	298.37
945		Non-Participating	Year-Round Residence	1.50	372998.17	4731232.32	288.07
946		Non-Participating	Year-Round Residence	1.50	373281.23	4730707.63	294.58
947		Non-Participating	Commercial Structures	1.50	373323.73	4730652.01	293.50
948		Non-Participating	Commercial Structures	1.50	373316.14	4730631.48	292.95
949		Non-Participating	Year-Round Residence	1.50	373454.13	4730339.13	298.08
950		Non-Participating	Year-Round Residence	1.50	373513.16	4730245.92	295.51
951		Non-Participating	Year-Round Residence	1.50	375121.88	4730855.12	363.12
952		Non-Participating	Commercial Structures	1.50	373403.36	4730302.64	293.50
953		Non-Participating	Commercial Structures	1.50	373414.31	4730281.22	292.30
954		Non-Participating	Commercial Structures	1.50	373428.88	4730261.23	290.90
955		Non-Participating	Commercial Structures	1.50	373437.69	4730237.46	290.46
956		Non-Participating	Commercial Structures	1.50	373380.13	4730322.49	293.50
958		Non-Participating	Year-Round Residence	1.50	373427.79	4730045.06	286.65
959		Non-Participating	Year-Round Residence	1.50	373764.55	4730062.23	312.19
960		Non-Participating	Year-Round Residence	1.50	373644.54	4729935.02	295.84
961		Non-Participating	Year-Round Residence	1.50	373763.67	4729799.06	300.89
962		Non-Participating	Year-Round Residence	1.50	373813.04	4729475.92	296.29
964		Non-Participating	Commercial Structures	1.50	374022.73	4729318.02	299.50
965		Non-Participating	Commercial Structures	1.50	373896.31	4729046.06	277.33
966		Non-Participating	Year-Round Residence	1.50	374049.59	4728848.78	278.98
967		Non-Participating	Year-Round Residence	1.50	374010.11	4728714.02	273.86
973		Non-Participating	Year-Round Residence	1.50	374147.12	4728456.35	275.50
975		Non-Participating	Year-Round Residence	1.50	374427.97	4728254.59	282.42
976		Non-Participating	Year-Round Residence	1.50	374499.57	4727588.59	275.67
977		Non-Participating	Year-Round Residence	1.50	374528.05	4727540.76	275.10
978		Non-Participating	Year-Round Residence	1.50	374410.04	4727545.45	274.02
979		Non-Participating	Year-Round Residence	1.50	374456.43	4727447.51	272.62
985		Non-Participating	Year-Round Residence	1.50	374677.55	4727550.41	277.54
986		Non-Participating	Year-Round Residence	1.50	374593.06	4727546.59	276.03
987		Non-Participating	Year-Round Residence	1.50	374724.84	4727671.09	285.64
989		Non-Participating	Year-Round Residence	1.50	370635.99	4740556.00	331.51
990		Non-Participating	Year-Round Residence	1.50	370698.10	4740558.67	332.50
991		Non-Participating	Year-Round Residence	1.50	370628.23	4740466.57	330.25
992		Non-Participating	Year-Round Residence	1.50	370634.28	4740209.25	332.50
994		Non-Participating	Year-Round Residence	1.50	370578.79	4739860.96	332.50
998		Non-Participating	Year-Round Residence	1.50	370350.80	4739781.42	330.53
999		Non-Participating	Year-Round Residence	1.50	370198.64	4739804.76	326.71
1000		Non-Participating	Year-Round Residence	1.50	370071.45	4739658.07	324.58
1001		Non-Participating	Year-Round Residence	1.50	369882.41	4739710.88	324.42

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
1002		Non-Participating	Year-Round Residence	1.50	369531.59	4739751.06	319.47
1004		Non-Participating	Year-Round Residence	1.50	370522.33	4739516.89	334.77
1005		Non-Participating	Year-Round Residence	1.50	370528.91	4739355.01	333.42
1006		Non-Participating	Year-Round Residence	1.50	370517.17	4739465.89	335.50
1007		Non-Participating	Year-Round Residence	1.50	370821.72	4739460.53	336.42
1009		Non-Participating	Year-Round Residence	1.50	371354.10	4739524.57	350.85
1010		Non-Participating	Year-Round Residence	1.50	371862.43	4739542.54	365.50
1011		Non-Participating	Year-Round Residence	1.50	370523.87	4739200.23	332.50
1012		Non-Participating	Year-Round Residence	1.50	370541.50	4739143.51	332.36
1015		Non-Participating	Year-Round Residence	1.50	370544.70	4738981.30	332.25
1016		Non-Participating	Year-Round Residence	1.50	370540.26	4738900.02	331.97
1017		Non-Participating	Year-Round Residence	1.50	370536.77	4738798.84	331.69
1018		Non-Participating	Year-Round Residence	1.50	370472.45	4738704.63	329.59
1020		Non-Participating	Year-Round Residence	1.50	370452.63	4738107.00	324.53
1021		Non-Participating	Year-Round Residence	1.50	370473.55	4738175.43	327.32
1024		Non-Participating	Year-Round Residence	1.50	370349.66	4737924.26	323.58
1025		Non-Participating	Year-Round Residence	1.50	370352.04	4737853.18	322.29
1026		Non-Participating	Year-Round Residence	1.50	370434.60	4737917.10	323.50
1027		Non-Participating	Year-Round Residence	1.50	370681.79	4737939.76	327.97
1028		Non-Participating	Year-Round Residence	1.50	370688.43	4737855.88	327.24
1029		Non-Participating	Year-Round Residence	1.50	370790.55	4737930.56	329.62
1031		Non-Participating	Year-Round Residence	1.50	371148.25	4737953.00	336.10
1032		Non-Participating	Year-Round Residence	1.50	371119.04	4737893.65	335.78
1035		Non-Participating	Year-Round Residence	1.50	371586.89	4737971.67	344.86
1036		Non-Participating	Year-Round Residence	1.50	371426.94	4737962.80	341.50
1038		Non-Participating	Year-Round Residence	1.50	372080.17	4737926.23	357.48
1039		Non-Participating	Year-Round Residence	1.50	372108.01	4737927.29	358.04
1040		Non-Participating	Year-Round Residence	1.50	372193.09	4737927.02	359.50
1041		Non-Participating	Year-Round Residence	1.50	372223.67	4737890.14	359.50
1042		Non-Participating	Year-Round Residence	1.50	372273.70	4737934.69	359.61
1043		Non-Participating	Year-Round Residence	1.50	372294.81	4737938.87	360.41
1044		Non-Participating	Year-Round Residence	1.50	372335.35	4737938.96	361.43
1045		Non-Participating	Year-Round Residence	1.50	372417.82	4737940.46	363.02
1048		Non-Participating	Year-Round Residence	1.50	370362.13	4737411.30	317.50
1049		Non-Participating	Year-Round Residence	1.50	370431.96	4737296.15	317.50
1050		Non-Participating	Year-Round Residence	1.50	370397.68	4737235.04	315.28
1054		Non-Participating	Year-Round Residence	1.50	370479.10	4736941.43	313.99
1055		Non-Participating	Year-Round Residence	1.50	370489.17	4736866.29	315.31
1056		Non-Participating	Year-Round Residence	1.50	370508.69	4736803.33	314.97
1057		Non-Participating	Year-Round Residence	1.50	370612.52	4736211.42	321.45
1059		Non-Participating	Year-Round Residence	1.50	370651.64	4736150.12	323.50
1060		Non-Participating	Year-Round Residence	1.50	370737.30	4735824.12	324.11
1061		Non-Participating	Year-Round Residence	1.50	370796.17	4735753.47	323.50
1068		Non-Participating	Year-Round Residence	1.50	370984.92	4735784.99	316.10
1069		Non-Participating	Year-Round Residence	1.50	370941.32	4735776.20	318.75
1071		Non-Participating	Year-Round Residence	1.50	371627.95	4735862.12	315.10
1072		Non-Participating	Year-Round Residence	1.50	371852.44	4735915.93	324.12
1077		Non-Participating	Year-Round Residence	1.50	372351.38	4735665.18	332.50
1078		Non-Participating	Year-Round Residence	1.50	370668.53	4735769.92	325.51
1079		Non-Participating	Year-Round Residence	1.50	370822.45	4735679.32	323.50
1080		Non-Participating	Year-Round Residence	1.50	370834.95	4735677.92	323.50

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
1081		Non-Participating	Year-Round Residence	1.50	370851.09	4735668.58	323.50
1082		Non-Participating	Year-Round Residence	1.50	370854.12	4735658.91	323.50
1091		Non-Participating	Public Structures	1.50	370820.27	4734951.45	338.50
1092		Non-Participating	Year-Round Residence	1.50	370825.53	4734806.52	341.50
1095		Non-Participating	Year-Round Residence	1.50	371580.56	4734816.77	304.91
1096		Non-Participating	Year-Round Residence	1.50	371762.93	4734798.49	302.86
1099		Non-Participating	Year-Round Residence	1.50	371974.17	4734843.08	306.19
1100		Non-Participating	Year-Round Residence	1.50	371821.36	4734713.17	302.50
1103		Non-Participating	Year-Round Residence	1.50	372296.40	4734835.13	318.63
1104		Non-Participating	Year-Round Residence	1.50	370896.40	4734478.04	338.50
1107		Non-Participating	Year-Round Residence	1.50	370847.21	4734272.15	343.70
1108		Non-Participating	Year-Round Residence	1.50	370879.40	4733951.64	350.17
1113		Non-Participating	Year-Round Residence	1.50	370936.50	4733488.98	356.50
1116		Non-Participating	Year-Round Residence	1.50	372285.65	4732919.49	290.50
1117		Non-Participating	Year-Round Residence	1.50	372321.22	4732954.31	292.22
1118		Non-Participating	Year-Round Residence	1.50	372300.82	4733098.03	295.09
1119		Non-Participating	Year-Round Residence	1.50	372374.94	4733070.73	297.02
1120		Non-Participating	Year-Round Residence	1.50	372336.95	4733027.23	294.36
1121		Non-Participating	Year-Round Residence	1.50	372399.99	4733070.26	298.17
1122		Non-Participating	Year-Round Residence	1.50	372252.76	4732989.37	290.50
1123		Non-Participating	Year-Round Residence	1.50	372432.10	4733070.22	299.03
1124		Non-Participating	Year-Round Residence	1.50	372452.08	4733069.57	299.09
1125		Non-Participating	Year-Round Residence	1.50	372511.28	4733087.61	302.50
1127		Non-Participating	Year-Round Residence	1.50	372589.81	4733019.10	304.25
1128		Non-Participating	Year-Round Residence	1.50	372582.06	4732927.73	302.52
1129		Non-Participating	Year-Round Residence	1.50	372542.30	4732925.09	300.65
1130		Non-Participating	Institutional Structures	1.50	372572.69	4732863.70	302.50
1131		Non-Participating	Institutional Structures	1.50	372555.65	4732811.07	302.50
1132		Non-Participating	Institutional Structures	1.50	372542.28	4732878.63	300.71
1133		Non-Participating	Year-Round Residence	1.50	371065.32	4732364.50	359.50
1134		Non-Participating	Public Structures	1.50	370888.59	4732992.25	364.21
1135		Non-Participating	Public Structures	1.50	370839.06	4732860.76	368.99
1136		Non-Participating	Year-Round Residence	1.50	371144.54	4732149.09	359.50
1152		Non-Participating	Year-Round Residence	1.50	370896.62	4731944.72	359.50
1153		Non-Participating	Year-Round Residence	1.50	370742.82	4731739.97	368.50
1154		Non-Participating	Year-Round Residence	1.50	370733.21	4731153.71	350.95
1155		Non-Participating	Year-Round Residence	1.50	370677.56	4731138.61	350.56
1156		Non-Participating	Year-Round Residence	1.50	371035.82	4730909.73	356.50
1158		Non-Participating	Year-Round Residence	1.50	371261.41	4731003.25	358.83
1159		Non-Participating	Year-Round Residence	1.50	371318.22	4730914.77	358.96
1161		Non-Participating	Year-Round Residence	1.50	371581.43	4731404.85	365.50
1162		Non-Participating	Year-Round Residence	1.50	371429.57	4731581.17	365.50
1163		Non-Participating	Year-Round Residence	1.50	371407.66	4731628.67	363.96
1164		Non-Participating	Year-Round Residence	1.50	372006.30	4730073.93	361.51
1165		Non-Participating	Year-Round Residence	1.50	372058.30	4729964.80	361.72
1167		Non-Participating	Year-Round Residence	1.50	372128.51	4729716.48	364.15
1169		Non-Participating	Year-Round Residence	1.50	372319.27	4729171.25	359.92
1170		Non-Participating	Year-Round Residence	1.50	372411.85	4729072.80	359.50
1171		Non-Participating	Public Structures	1.50	372512.31	4729109.53	357.20
1172		Non-Participating	Year-Round Residence	1.50	372384.80	4728914.66	362.50
1173		Non-Participating	Year-Round Residence	1.50	372375.10	4728866.30	363.30

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
1174		Non-Participating	Year-Round Residence	1.50	372580.64	4728346.41	369.73
1176		Non-Participating	Year-Round Residence	1.50	372835.40	4727842.73	362.35
1179		Non-Participating	Year-Round Residence	1.50	372780.48	4727718.85	365.50
1180		Non-Participating	Public Structures	1.50	372850.89	4727512.93	366.64
1181		Non-Participating	Year-Round Residence	1.50	373988.03	4727567.69	266.50
1182		Non-Participating	Year-Round Residence	1.50	373846.44	4727600.47	273.36
1183		Non-Participating	Year-Round Residence	1.50	373877.97	4727507.40	272.17
1185		Non-Participating	Year-Round Residence	1.50	372892.74	4730200.61	292.28
1188		Non-Participating	Year-Round Residence	1.50	369085.70	4738963.06	306.06
1189		Non-Participating	Year-Round Residence	1.50	369147.02	4738784.19	308.50
1190		Non-Participating	Year-Round Residence	1.50	369194.56	4738710.07	308.50
1191		Non-Participating	Year-Round Residence	1.50	369201.58	4738689.02	308.50
1192		Non-Participating	Year-Round Residence	1.50	369290.09	4738401.70	311.34
1193		Non-Participating	Year-Round Residence	1.50	369388.53	4737969.73	317.50
1194		Non-Participating	Year-Round Residence	1.50	369361.68	4737873.93	319.13
1195		Non-Participating	Year-Round Residence	1.50	369416.05	4737868.77	319.48
1196		Non-Participating	Year-Round Residence	1.50	370018.47	4737909.32	316.88
1197		Non-Participating	Year-Round Residence	1.50	369870.77	4737835.68	315.42
1198		Non-Participating	Year-Round Residence	1.50	369897.60	4737887.84	317.50
1199		Non-Participating	Year-Round Residence	1.50	370056.92	4737846.17	317.50
1200		Non-Participating	Year-Round Residence	1.50	370061.19	4737900.28	317.72
1202		Non-Participating	Year-Round Residence	1.50	370140.34	4737839.63	318.86
1205		Non-Participating	Year-Round Residence	1.50	369449.40	4737790.37	320.50
1206		Non-Participating	Year-Round Residence	1.50	369577.30	4737144.02	318.29
1207		Non-Participating	Year-Round Residence	1.50	369512.07	4737207.79	317.76
1209		Non-Participating	Year-Round Residence	1.50	369538.47	4737068.15	320.50
1213		Non-Participating	Year-Round Residence	1.50	369541.06	4736695.86	323.85
1215		Non-Participating	Year-Round Residence	1.50	369515.39	4735798.02	333.86
1216		Non-Participating	Year-Round Residence	1.50	369605.83	4735790.39	335.50
1220		Non-Participating	Year-Round Residence	1.50	370111.60	4735941.57	329.50
1221		Non-Participating	Year-Round Residence	1.50	370072.30	4735808.85	332.31
1222		Non-Participating	Year-Round Residence	1.50	370207.37	4735830.85	329.80
1223		Non-Participating	Year-Round Residence	1.50	370320.12	4735811.98	329.16
1224		Non-Participating	Year-Round Residence	1.50	370372.61	4735834.63	328.47
1225		Non-Participating	Year-Round Residence	1.50	370481.01	4735870.90	327.36
1226		Non-Participating	Year-Round Residence	1.50	370615.10	4735822.96	326.13
1227		Non-Participating	Year-Round Residence	1.50	370524.14	4735822.94	327.38
1228		Non-Participating	Year-Round Residence	1.50	370562.34	4735746.58	327.23
1229		Non-Participating	Year-Round Residence	1.50	370476.78	4735850.84	327.62
1230		Non-Participating	Year-Round Residence	1.50	369194.35	4735646.67	328.86
1231		Non-Participating	Year-Round Residence	1.50	368616.98	4735594.86	338.28
1232		Non-Participating	Year-Round Residence	1.50	369540.78	4735285.06	334.12
1233		Non-Participating	Year-Round Residence	1.50	369619.47	4735310.17	335.50
1234		Non-Participating	Year-Round Residence	1.50	369627.39	4735256.20	335.50
1235		Non-Participating	Year-Round Residence	1.50	369562.65	4735161.54	336.93
1237		Non-Participating	Year-Round Residence	1.50	369329.74	4734679.28	339.03
1238		Non-Participating	Year-Round Residence	1.50	369261.99	4734679.19	337.78
1239		Non-Participating	Year-Round Residence	1.50	369176.77	4734764.54	335.53
1241		Non-Participating	Year-Round Residence	1.50	369680.97	4734672.69	347.50
1244		Non-Participating	Year-Round Residence	1.50	369955.51	4734697.47	350.50
1245		Non-Participating	Year-Round Residence	1.50	370024.77	4734695.73	350.50

Table 7-2.1: Modeled Receptors in the Cadna/A Model

Receptor ID	Tax Code	Participation Status	Receptor Type	Relative Receptor Height	Coordinates NAD83 UTM Zone 18N		Elevation + Receptor Height
					X	Y	Z
					(m)	(m)	(m)
1246		Non-Participating	Year-Round Residence	1.50	369689.97	4733097.85	347.50
1251		Non-Participating	Year-Round Residence	1.50	370185.96	4733133.42	350.50
1252		Non-Participating	Year-Round Residence	1.50	370211.86	4733139.87	350.50
1256		Non-Participating	Year-Round Residence	1.50	370704.31	4733121.91	371.50
1258		Non-Participating	Year-Round Residence	1.50	370436.72	4730647.22	336.55
1259		Non-Participating	Year-Round Residence	1.50	370360.49	4730618.02	333.40
1260		Non-Participating	Year-Round Residence	1.50	370191.83	4729899.20	313.60
1261		Non-Participating	Year-Round Residence	1.50	370318.89	4729913.51	318.61
1263		Non-Participating	Year-Round Residence	1.50	370439.71	4729850.72	323.50
1264		Non-Participating	Year-Round Residence	1.50	370755.62	4729928.49	336.23
1265		Non-Participating	Year-Round Residence	1.50	371028.92	4729857.94	348.89
1266		Non-Participating	Year-Round Residence	1.50	371372.61	4729984.93	355.92
1267		Non-Participating	Year-Round Residence	1.50	371877.86	4729899.42	371.50
1268		Non-Participating	Year-Round Residence	1.50	371437.77	4728155.22	341.50
1269		Non-Participating	Year-Round Residence	1.50	371374.62	4728198.61	337.55
1272		Non-Participating	Year-Round Residence	1.50	371716.71	4728190.43	346.59
1273		Non-Participating	Year-Round Residence	1.50	371955.34	4727968.40	354.43
1274		Non-Participating	Year-Round Residence	1.50	372687.17	4727898.00	368.50
1277		Non-Participating	Year-Round Residence	1.50	369164.96	4737764.67	316.02
1278		Non-Participating	Year-Round Residence	1.50	369025.74	4737884.46	312.37
1279		Non-Participating	Year-Round Residence	1.50	368880.82	4737805.28	311.50
1280		Non-Participating	Year-Round Residence	1.50	368738.72	4737827.60	310.21
1282		Non-Participating	Year-Round Residence	1.50	368761.86	4737884.60	311.50
1285		Non-Participating	Year-Round Residence	1.50	368620.63	4737869.95	305.50
1286		Non-Participating	Year-Round Residence	1.50	380154.73	4732486.54	358.15
1290		Participating	Year-Round Residence	1.50	376547.61	4735435.51	392.50
1291		Non-Participating	Year-Round Residence	1.50	380594.68	4734999.45	221.84
1293		Non-Participating	Year-Round Residence	1.50	374464.99	4727707.51	275.84
1294		Non-Participating	Year-Round Residence	1.50	373691.57	4730045.59	304.13
1295		Non-Participating	Year-Round Residence	1.50	380594.97	4731539.77	399.40
1296		Non-Participating	Year-Round Residence	1.50	375629.01	4731140.04	374.95
1297		Non-Participating	Year-Round Residence	1.50	379246.62	4732319.99	413.50
1298		Non-Participating	Year-Round Residence	1.50	378386.72	4732826.33	419.79
1299		Non-Participating	Year-Round Residence	1.50	377786.82	4732785.06	419.50
1300		Non-Participating	Year-Round Residence	1.50	377751.67	4736256.75	318.90
1301		Non-Participating	Seasonal Residence	1.50	377097.07	4738891.37	235.78
1302		Non-Participating	Year-Round Residence	1.50	376618.19	4738159.86	332.32
1303		Non-Participating	Seasonal Residence	1.50	379532.17	4734569.54	221.63
1304		Non-Participating	Year-Round Residence	1.50	376201.96	4738976.16	320.01
1309		Non-Participating	Seasonal Residence	1.50	377090.59	4738950.65	238.76
1312		Participating	Commercial Structures	1.50	375492.64	4732334.89	392.52
1313		Non-Participating	Commercial Structures	1.50	376712.20	4734176.63	419.50
1314		Non-Participating	Commercial Structures	1.50	378173.45	4734111.28	391.15

Appendix 7-C

Ambient Pre-Construction Sound Level Measurement Program

Agricola Wind

PRE-CONSTRUCTION SOUND LEVEL MEASUREMENT PROGRAM



Prepared for:

Agricola Wind LLC.
90 State Street
Albany, NY 12207

October 18, 2024

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1.0 BASELINE SOUND LEVEL MONITORING PROGRAM

To characterize the existing soundscape of the Project area, an ambient (baseline) monitoring program was conducted in accordance with the New York State Office of Renewable Energy Siting and Electric Transmission (ORES) Title 16 New York Codes Rules and Regulations (16 NYCRR Part 1100) Chapter XI Section 1100-2.8(i) Exhibit 7: Noise and Vibration requirements. This section outlines the methodology and results of the ambient program.

1.1 Sound Level Measurement Locations

In accordance with ANSI S12.9-1992/Part 2 (R2013), the deterministic spatial sampling technique was used to select measurement locations. In other words, sound monitoring locations were selected to be representative of nearby residences in various directions from the wind project. Thus, the selected locations are representative of potentially impacted receptors. The program was intended to measure total ambient sound in the area which includes all noise sources.

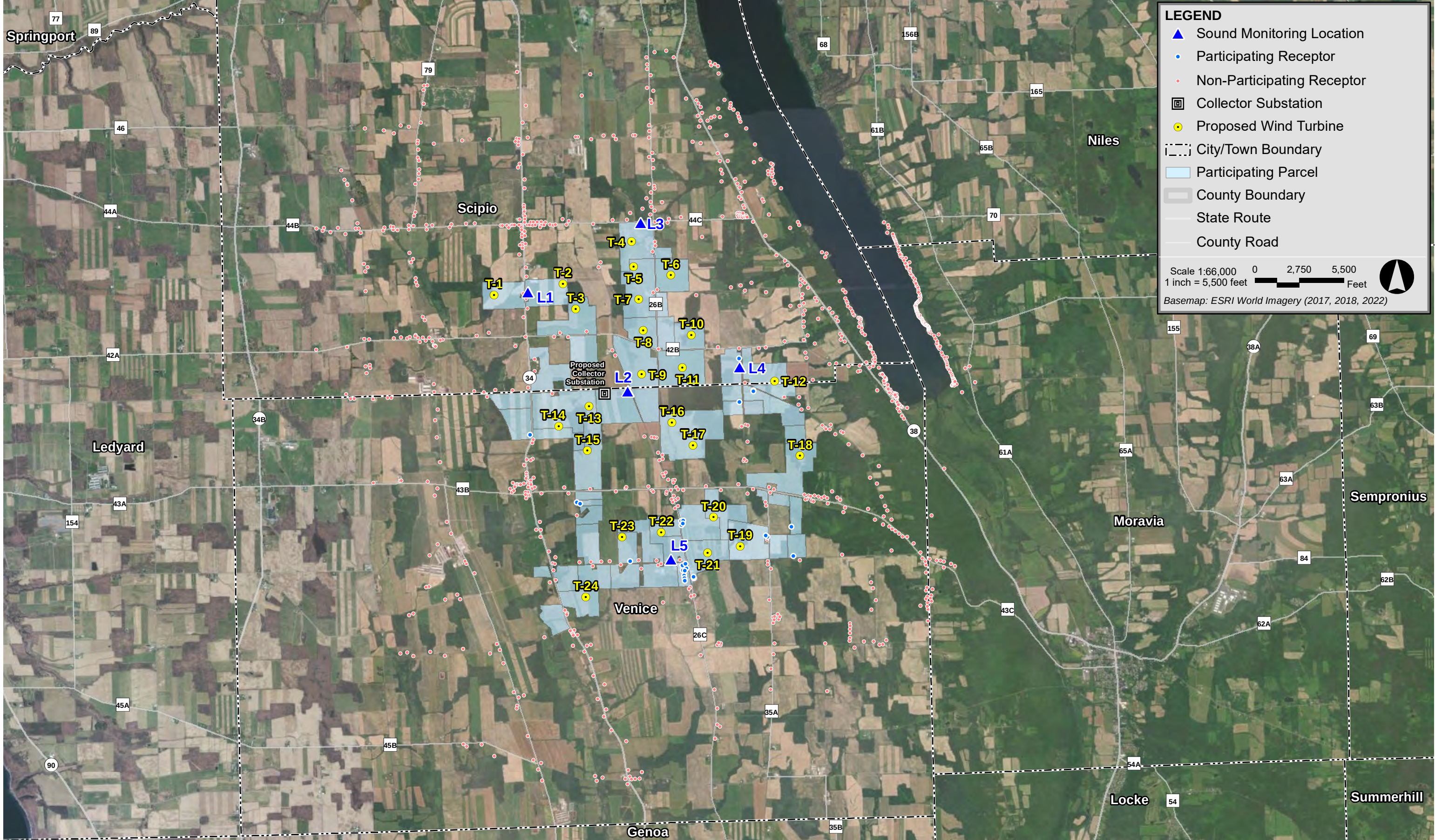
One sound level measurement program was conducted at five (5) locations for approximately fifteen (15) days, which is well beyond the minimum requirement of seven (7) days for a wind facility in the Article VIII regulations. Figure 1-1 shows the measurement locations for the measurement program. The ambient measurement locations are representative of the general vicinity of the Project. Each sound level monitoring location is described in the following subsections.

The coordinates for the sound level measurement locations are listed in Table 1-1, which were slightly adjusted as needed from the field-measured Global Positioning System (GPS) points for refined accuracy.

Table 1-1 GPS Coordinates – Sound Level Measurement Locations

Location	Latitude	Longitude
Location 1	42.7721°	-76.5575°
Location 2	42.7556°	-76.5342°
Location 3	42.7841°	-76.5319°
Location 4	42.7600°	-76.5087°
Location 5	42.7273°	-76.5236°

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1.1.1 Location 1— S Street Rd

One continuous programmable, unattended sound level meter was placed near S Street Road in the Town of Scipio. The meter was placed approximately 190 feet east of the road on agricultural land. This location is representative of existing sound levels on the northwestern area of the project site and along S Street Road. The monitoring setup is shown in Figure 1-2.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 1:00 p.m. Tuesday, February 20, 2024 until 11:00 p.m. on Wednesday, March 6, 2024. In total, 2,149 10-minute measurement periods were recorded during the measurement program.

Figure 1-2 Location 1 - Sound Level Meter



1.1.2 Location 2— Burns Road

One continuous programmable, unattended sound level meter was placed near Burns Road in the Town of Venice. The meter was placed approximately 190 feet west of the road on agricultural land and is representative of existing sound levels on the central area of the Project Site and along Burns Road. The monitoring setup is shown in Figure 1-.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 11:20 a.m. Tuesday, February 20, 2024 until 9:30 a.m. on Wednesday, March 6, 2024. In total, 2,150 10-minute measurement periods were recorded during the measurement program.

Figure 1-3 Location 2 - Sound Level Meter



1.1.3 Location 3 – Center Road

One continuous programmable, unattended sound level meter was placed near Center Road in the Town of Scipio. The meter was placed approximately 110 feet South of the road on agricultural land and is representative of existing sound levels in the northern area of the Project Site and near Center Road. The monitoring setup is shown in Figure 1-.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 12:30 p.m. Tuesday, February 20, 2024 until 10:30 a.m. on Wednesday, March 6, 2024. In total, 2,149 10-minute measurement periods were recorded during the measurement program.

In addition to sound data collection, continuous ground-level wind speed data were collected at this location. The meteorological equipment setup is shown in Figure 1-.

Figure 1-4 Location 3 - Sound Level Meter



Figure 1-5 Location 3 - Meteorological Tower



1.1.4 Location 4 – Booth Road

One continuous programmable, unattended sound level meter was placed near Booth Road in the Town of Scipio. The meter was placed approximately 138 feet west of the road and is representative of existing sound levels on the eastern area of the Project Site and along Booth Road. The monitoring setup is shown in Figure 1-

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 11:50 a.m. Tuesday, February 20, 2024 until 10:00 a.m. on Wednesday, March 6, 2024. In total, 2,150 10-minute measurement periods were recorded during the measurement program.

Figure 1-6 Location 4 - Sound Level Meter



1.1.5 Location 5 – Ford Road

One continuous programmable, unattended sound level meter was placed near Ford Road in the Town of Venice. The meter was placed approximately 155 feet north of the road and is representative of existing sound levels on the southern area of the Project Site and along Ford Road. The monitoring setup is shown in Figure 1-.

The meter continuously measured and stored broadband (A-weighted) and one-third octave band sound level statistics from 10:30 a.m. Tuesday, February 20, 2024 until 8:50 a.m. on Wednesday, March 6, 2024. In total, 2,151 10-minute measurement periods were recorded during the measurement program.

In addition to sound data collection, continuous ground-level wind speed data were collected at this location. The meteorological equipment setup is shown in Figure 1-.

Figure 1-7 Location 5 - Sound Level Meter



Figure 1-8 Location 5 - Meteorological Tower



1.2 Sound Level Measurement Instrumentation

Each of the monitoring locations used a Larson Davis (LD) model 831¹ sound level meter (SLM), a Brüel & Kjær (B&K) model Type 2250² SLM, or a Norsonic model Nor140³ SLM to measure both A-weighted (dBA) and one third octave bands from 6.3Hz to 20,000Hz. A one-second time history data collection using the “fast” response setting was also implemented. The meters logged data every 10-minutes with statistical data for the L_{eq} and L_{90} among other parameters.

Each instrument was equipped with a LD PRM 831 preamplifier and a PCB 377C20 half inch microphone, a B&K Type 4952 preamplifier and microphone, or a Norsonic Nor1209 preamplifier and a G.R.A.S 40AN half inch microphone along with an environmental protection kit. The kit included a 7-inch open cell foam wind screen to reduce wind-induced noise over the microphone. A peer-reviewed study presenting the windscreen insertion loss data by one-third octave band for each wind screen used in the background monitoring is provided in Appendix A. Since all measured sound level results are presented in terms of A-weighting (see discussion in section 2.1), frequencies above 1250 Hz are not included, and thus the minor microphone insertion losses at higher frequencies are not relevant.

Microphones were tripod-mounted at a height of approximately five feet (1.5 meters) above ground level in accordance with ANSI S12.9-1992/Part 2 (R2013). Horizontal microphone placements near roadways were in accordance with ANSI S12.9-1992/Part 2 (R2013) for open land.

The LD831, B&K2250, and Nor140 meters meet Type 1 ANSI/ASA S1.4, ANSI S1.43-1997 (R2007), and IEC 61672 Class 1 standards for sound level meters and were calibrated and certified as accurate to standards set by the National Institute of Standards and Technology. The octave band filters for all instrumentation meet ANSI S1.11-2004 (R2009). These calibrations were conducted by an independent laboratory within 12 months of field placement and certificates of calibration are provided in Appendix B. All measurement equipment was calibrated in the field before and after the surveys with the manufacturer’s acoustical calibrator which meets the standards of IEC 60942-2003 Class 1L and ANSI/ASA S1.40-2006 (R2016).

- ¹ Noise floor specified in manufacturer’s manual with use of PRM831 preamplifier and 377B20 microphone for A-weighted sound pressure levels is 18dBA at a 0dB gain and 17dBA at a 20dB gain. Noise floor specified for Z-weighted sound pressure levels is 23dBA at a 0dB gain and 21dBA at a 20dB gain.
- ² Noise floor specified in manufacturer’s manual A-weighted sound pressure levels is 17 dBA.
- ³ Noise floor specified in manufacturer’s manual A-weighted sound pressure levels is 25dBA with self-noise of the SLM at 15dBA.

1.3 Meteorological Instrumentation

1.3.1 *Ground Level Winds*

Wind speed can have a strong influence on ambient sound levels. In order to understand how the existing sound levels are influenced by wind speed, a HOBO H21-USB micro-weather station and data logger (manufactured by Onset Computer Corporation) with tripod was used to continuously measure the ground-level wind speed at Location 5 and a HOBO H21 –Serial micro-weather station and data logger (manufactured by Onset Computer Corporation) with tripod was used at Location 3.

The HOBO wind instruments have a measurement range of 0 to 44 m/s (99 mph) or 0 to 76 m/s (170 mph) and an accuracy of +/- 0.5 m/s (1.1 mph) or +/- 1.1 m/s (2.4 mph). The starting threshold is 0.5 m/s (1.1 mph) or ≤ 1.0 m/s (2.2 mph).

1.3.2 *Precipitation, Temperature, and Relative Humidity*

Precipitation, temperature, and relative humidity data from the New York State MesoNet system were collected during the measurements. The New York State MesoNet consists of 126 state-of-the-art environmental monitoring stations and serves as the foundation of an Early Warning Severe Weather Detection network for the entire State of New York. The New York State MesoNet was developed by research scientists at the State University of New York (SUNY) at Albany's Atmospheric Sciences Research Center, and Department of Atmospheric and Environmental Sciences. MesoNet sites are distributed statewide with every county across New York having at least one or more sites. The MesoNet collects measurements of several surface and atmospheric variables, such as temperature, relative humidity, wind speed and direction, surface pressure, soil moisture, soil temperature, solar radiation, and precipitation amounts for rainfall and snow accumulation. These data are archived and available to the public.

The Scipio Center MesoNet station is located approximately 225 feet north from the closest Agricola Wind sound level measurement location. This MesoNet station is the closest to the Project site. The SUNY MesoNet data from the Scipio Center station is provided in Appendix C of this report.

1.4 Low Frequency and Infrasound Monitoring

As the Article VIII regulations require wind facilities to not exceed 65 dB in the sixteen (16), thirty-one and a half (31.5), and sixty-three (63) Hz, all monitoring locations were equipped to measure existing levels of low frequency and infrasound down to 6.3 Hz for characterizing existing low frequency and infrasound conditions.

2.0 BASELINE SOUND LEVEL MONITORING RESULTS

This chapter discusses the results from the detailed ambient (baseline) monitoring program outlined in the previous chapter. Specifically, the logic for data validity, and sound level result descriptions for the monitoring locations are explained.

2.1 Data Formatting Overview

Sound level data were collected in 10-minute intervals⁴ at five strategically selected locations around the proposed wind energy project. Monitoring periods that experienced elevated ground-level wind speeds or precipitation were excluded from the data analysis per Method #1 in ANSI S12.18-1994. According to this standard, “No sound level measurement shall be made when the average wind velocity exceeds 5 m/s when measured at a height of 2 ± 0.2 m above the ground”. In addition, “Measurement during precipitation [...] is highly discouraged”. Precipitation events identified at the SUNY MesoNet station in Scipio, NY defined periods for which sound level data were excluded from the analysis for the measurement program. By convention, daytime is defined as the hours from 7:00 AM through 9:59 PM and nighttime is defined as the hours from 10:00 PM through 6:59 AM.

The sound level equipment used in ambient monitoring have specifications regarding operative ranges under certain air conditions, e.g., temperature and relative humidity.^{5,6} Data from the Scipio MesoNet station was additionally referenced for the range exceedances during all measurement timeframes. Sound levels during these exceedances were excluded from further processing.

Intermittent noise was automatically filtered by using the L_{90} statistic. Seasonal noise was removed from the ambient sound level measurements regardless of season. A high-frequency natural sound (HFNS) filter was applied to the measured one-third octave-band data from which a broadband sound level was calculated for the monitoring period. This technique removes all sound energy above the 1,250 Hertz frequency band. The

⁴ It should be noted that all sound level instrumentation and ground level meteorological instrumentation were time-synchronized to align the monitoring periods.

⁵ Periods measured outside the temperature range of 14°F to 122°F were considered invalid due to the Larson Davis Model 831 SLM specifications.

⁶ Periods measured outside the relative humidity range of 1 to 99% were considered invalid based on microphone specifications. The accuracy of sound levels measured with a Larson Davis Model 831 SLM outside the relative humidity range of 25% to 90% is unknown; however, the data are not considered invalid and are included in the data summaries. The same is true for sound levels measured with a Norsonic Nor140 SLM outside the range of 5% to 90% relative humidity and for the sound levels measured with a B&K 2250 outside the range of 0% to 90% relative humidity.

methodology for the filtration process is as specified in ANSI/ASA S12.100-2014 as required by Section 1100-2.8(i) of the Article VIII regulations. The calculated sound pressure levels presented in Chapter 3 of this report using this methodology are indicated as A-weighted levels (presented in dBA). The “as-measured” broadband A-weighted (dBA) L_{eq} and L_{90} and one-third octave band ambient sound levels are presented graphically for each location in the following subsections. The one-third octave-band data span the frequencies from 12.5 Hz to 10,000 Hz.

2.2 Location 1 – S Street Road

Sound levels at Location 1 were influenced by frequent local vehicular traffic, birds, farming equipment, cows, wind, and vegetation rustle. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-1. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Scipio Center MesoNet station, are identified in the figure. A total of 702 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1,447 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 1 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-2, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime.

2.3 Location 2 – Burns Road

Sound levels at Location 2 were influenced by occasional vehicular traffic, distant farming equipment, the nearby NYS Mesonet Station, wind, and vegetation rustle. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-3. This figure includes ground-level wind speeds measured at Location 1. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Scipio Center MesoNet station, are identified in the figure. A total of 488 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1,662 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 2 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-4, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime.

2.4 Location 3 – Center Road

Sound levels at Location 3 were influenced by frequent vehicular traffic, birds, overhead airplanes, and a nearby school. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-5. This figure includes ground-level wind speeds measured at Location 3. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Scipio Center MesoNet station, are identified in the figure. A total of 690 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1,451 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 3 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-6, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime.

2.5 Location 4 – Booth Road

Sound levels at Location 4 were influenced by occasional vehicular traffic, birds, wind, and vegetation rustle. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-7. This figure includes ground-level wind speeds measured at Location 3. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Scipio Center MesoNet station, are identified in the figure. A total of 511 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1,639 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 4 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-8, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime.

2.6 Location 5 – Ford Road

Sound levels at Location 5 were influenced by tractors, cattle, occasional vehicular traffic, birds, farming equipment, and wind. The measured A-weighted L_{eq} and L_{90} sound pressure levels during the measurement program are presented graphically in Figure 2-9. This figure includes ground-level wind speeds measured at Location 5. Data that were excluded from further analysis due to ground-level winds exceeding 5 m/s measured within the project area, or precipitation or instrumentation operative exceedances as recorded at the Scipio Center MesoNet station, are identified in the figure. A total of 511 10-minute periods were excluded from the measurement analysis. The resulting dataset includes a total of 1,640 10-minute periods of valid data.

In addition to broadband sound levels, spectral sound level data were measured during each 10-minute period at Location 5 during the measurement program. Using only valid measurement periods, one-third octave-band data are summarized in Figure 2-10, as logarithmic averages of the equivalent (L_{eq}) sound levels; separated by daytime and nighttime.