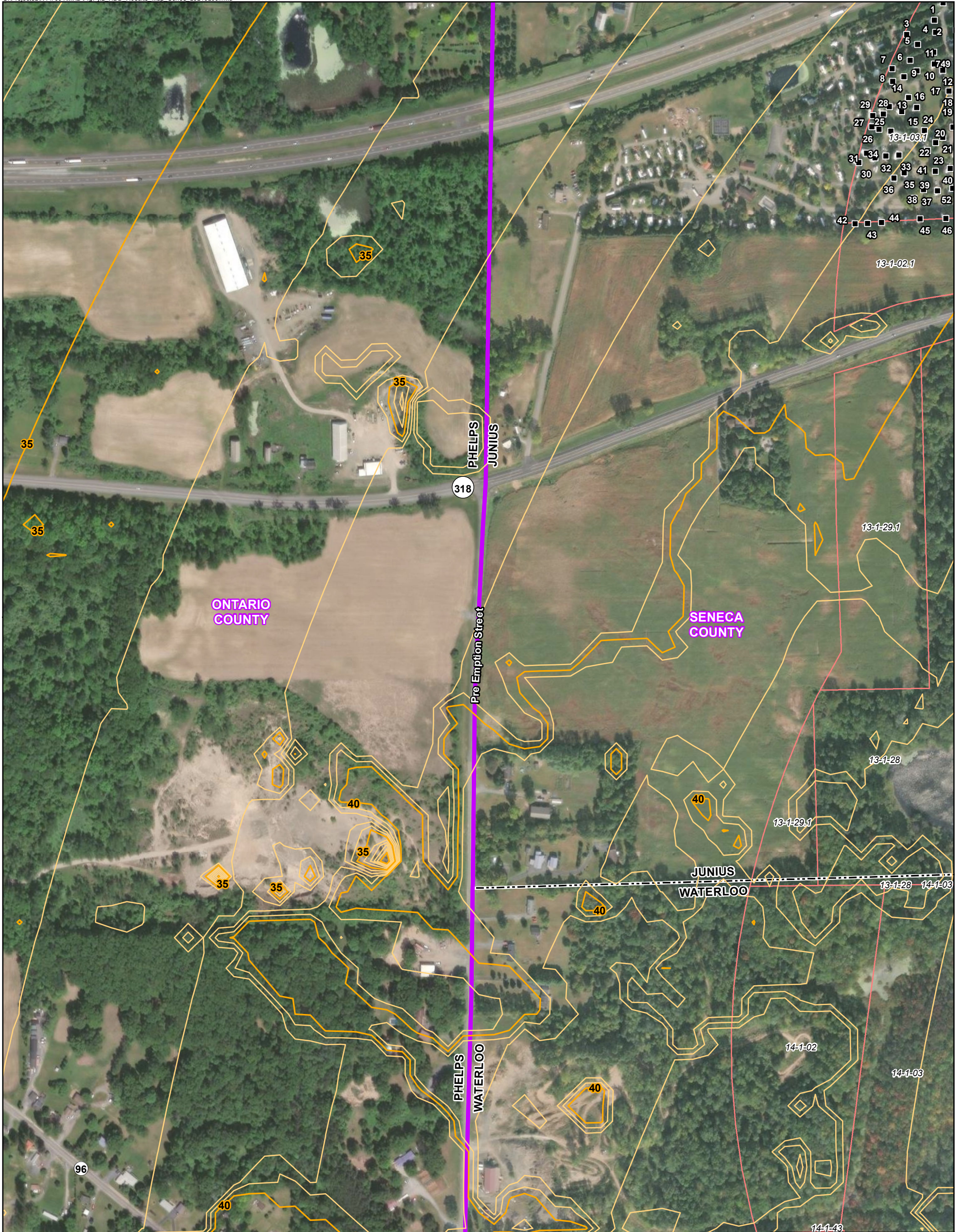
































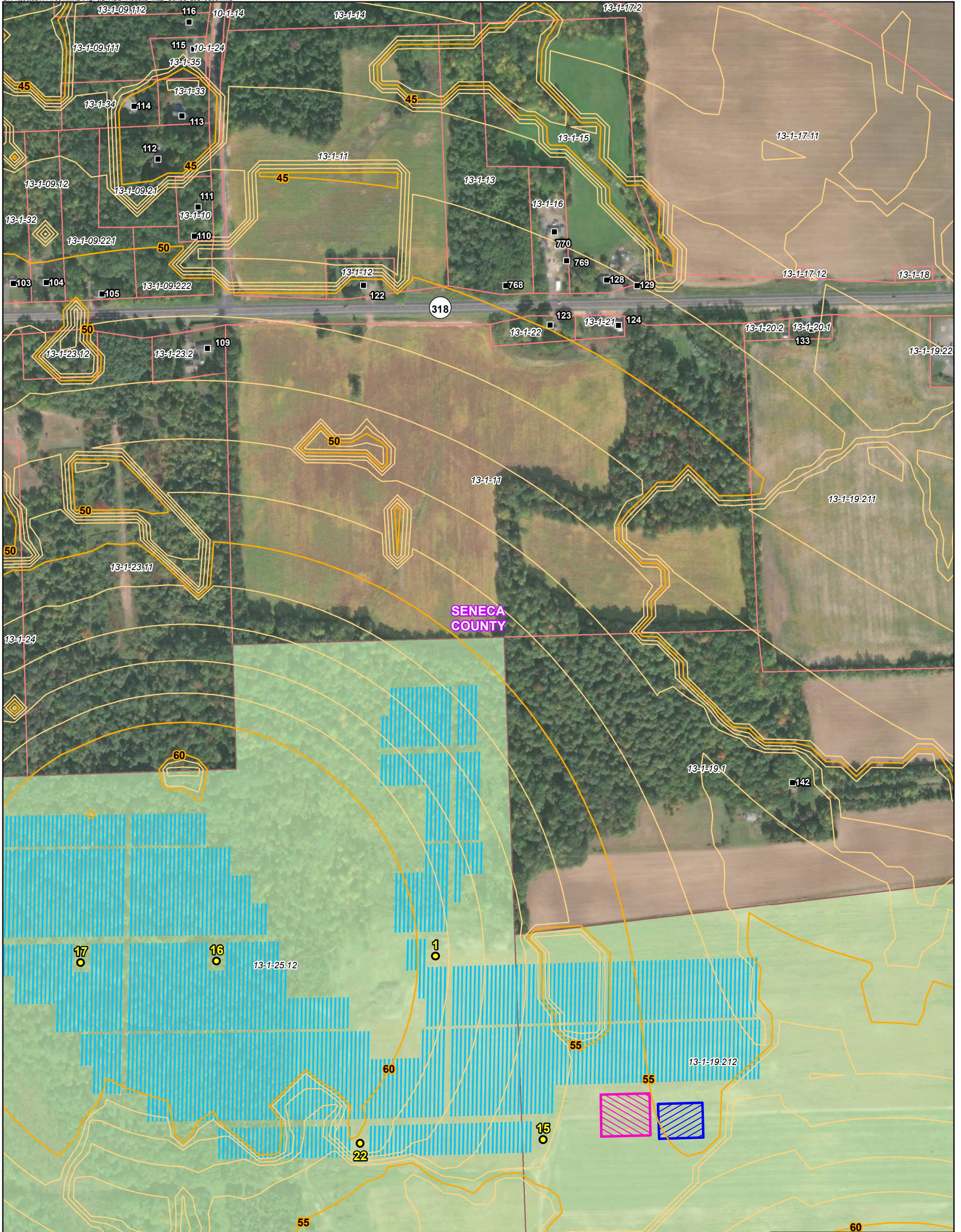
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







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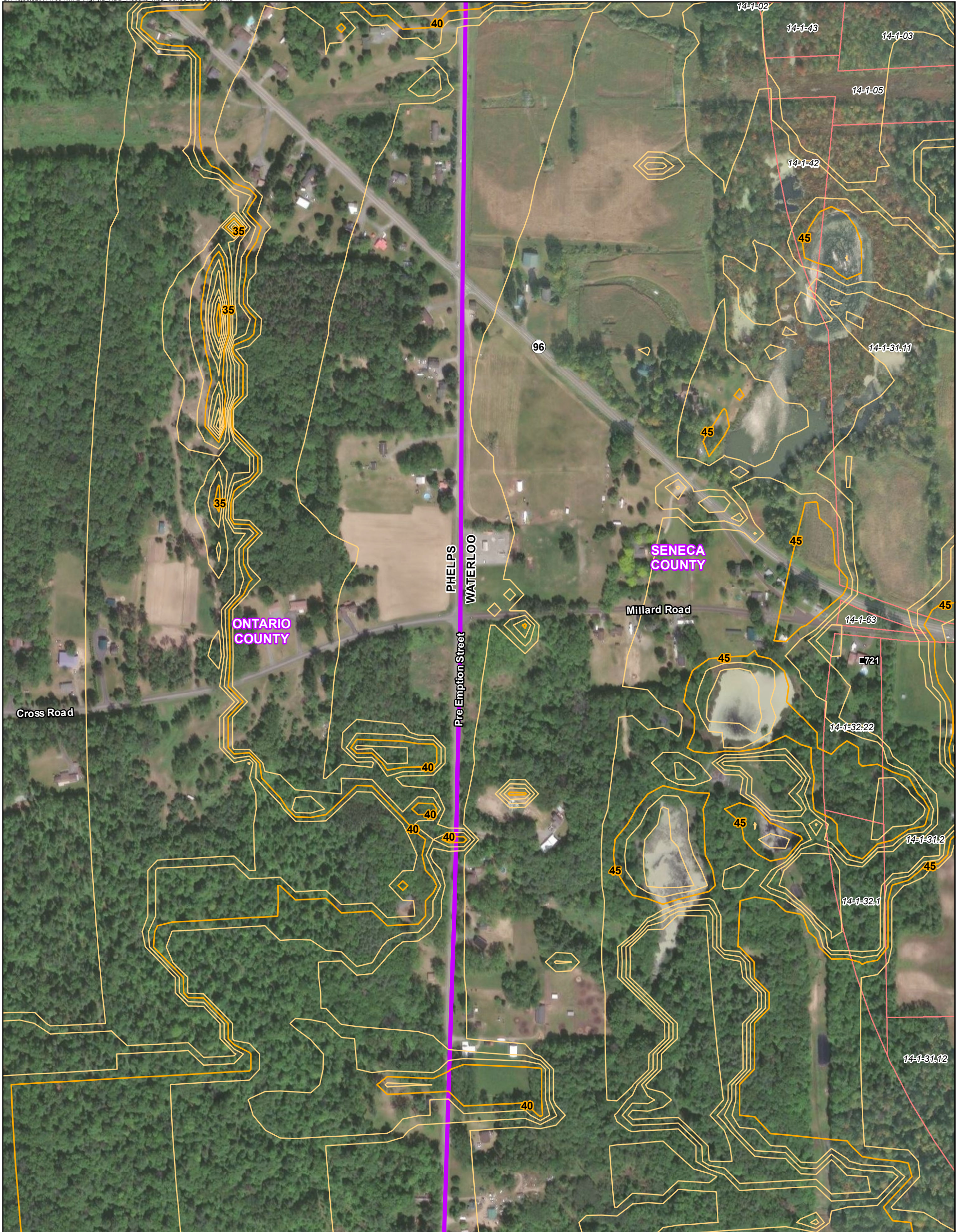
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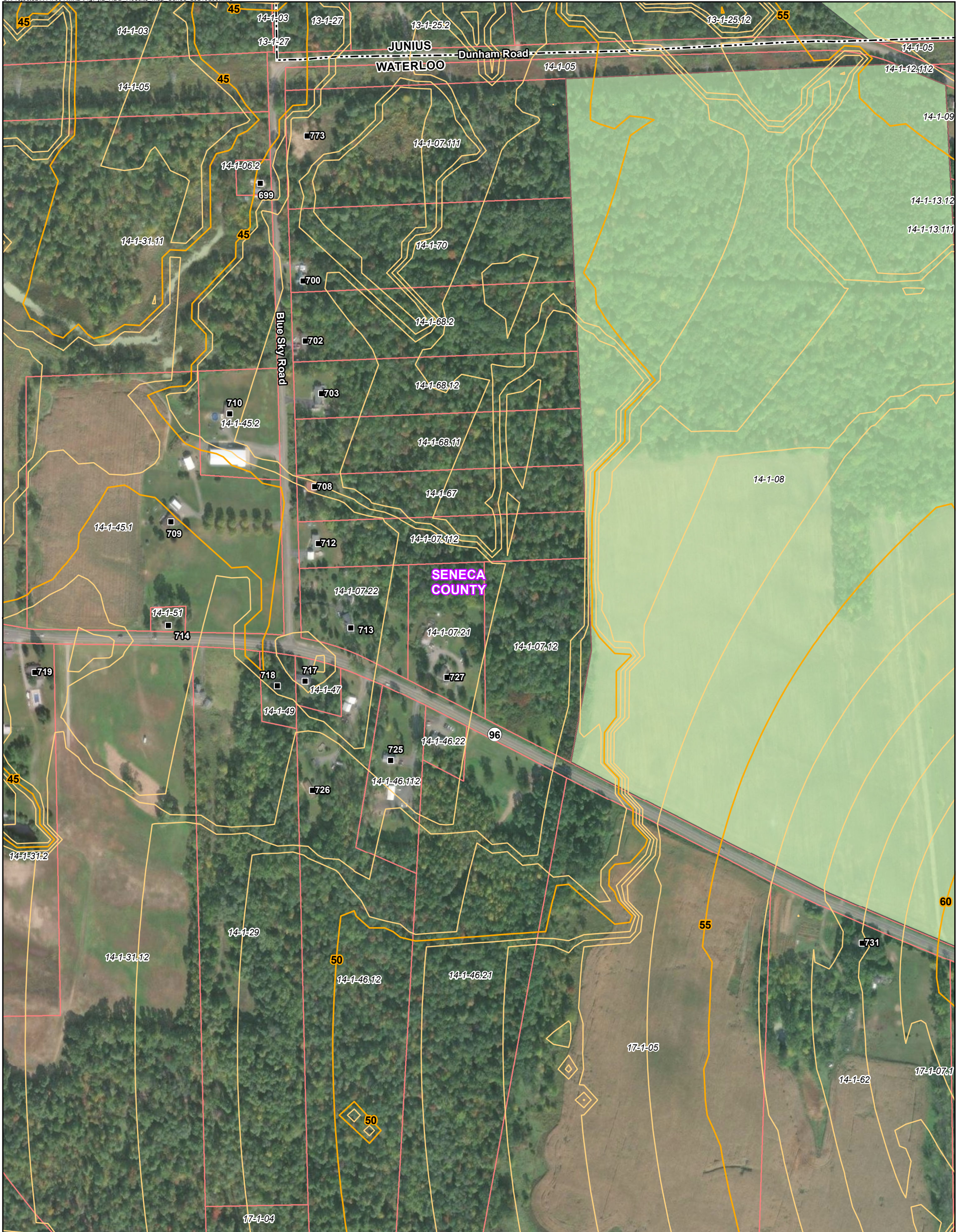
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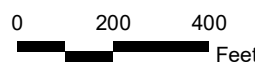














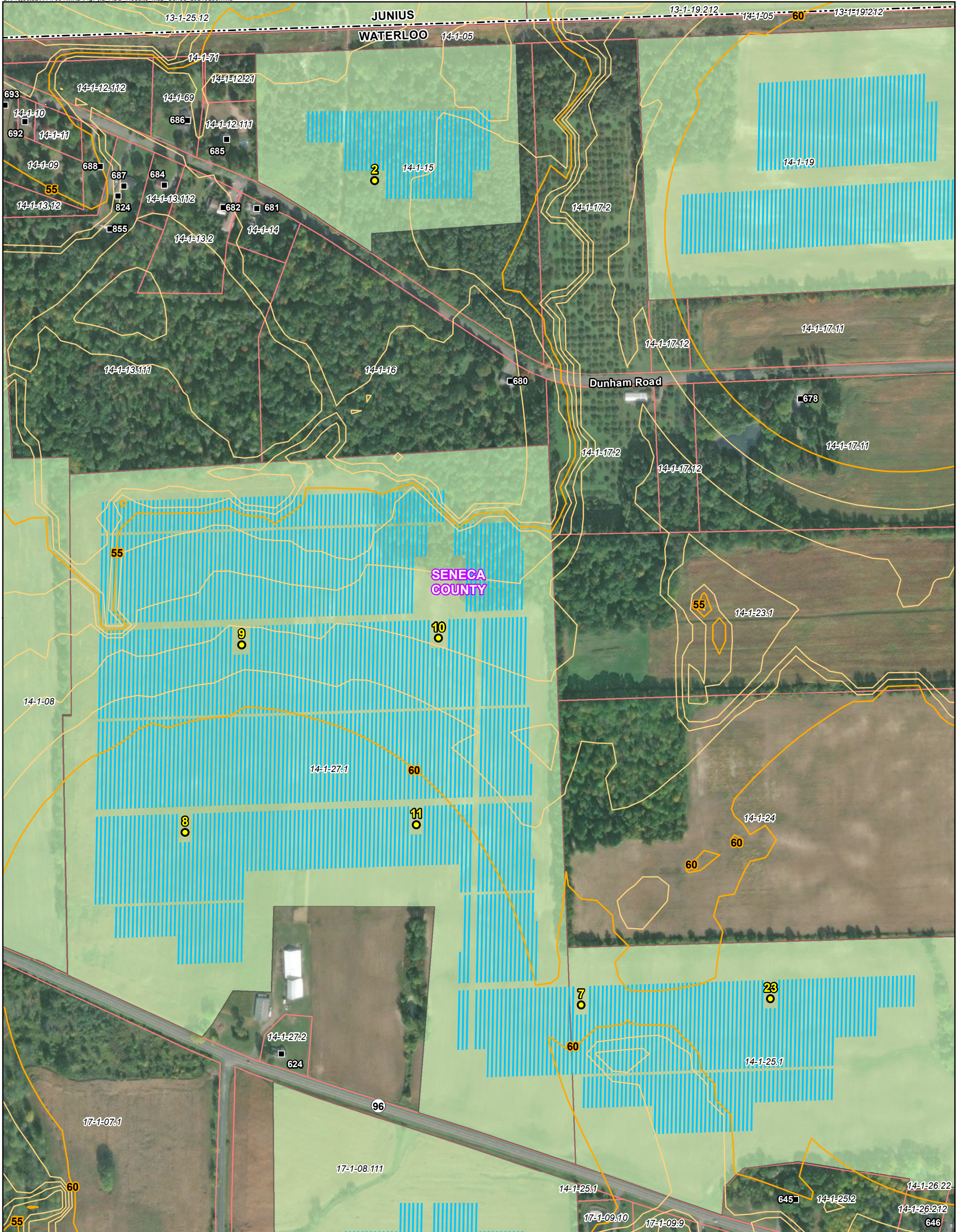
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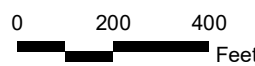


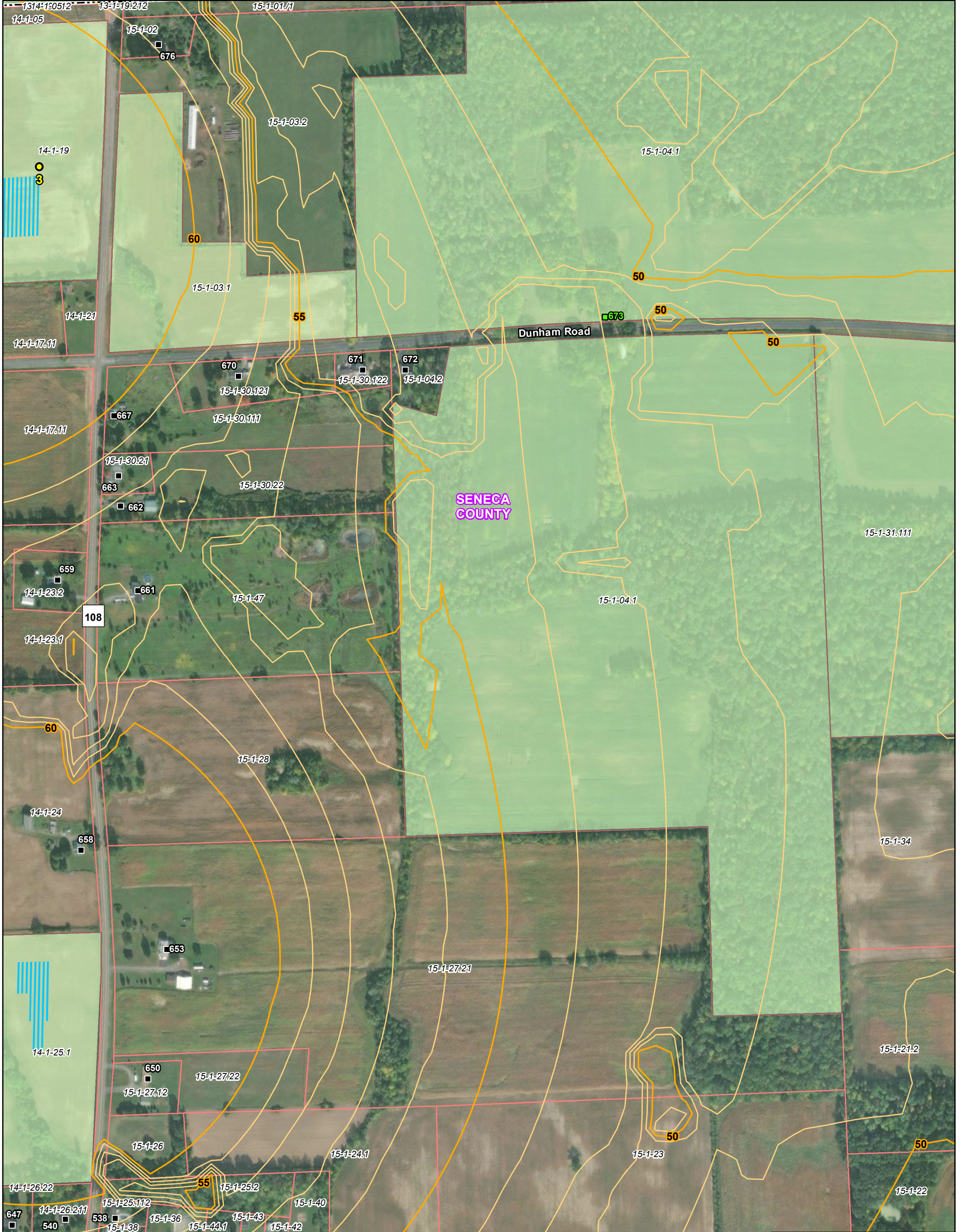
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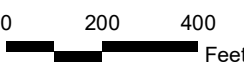


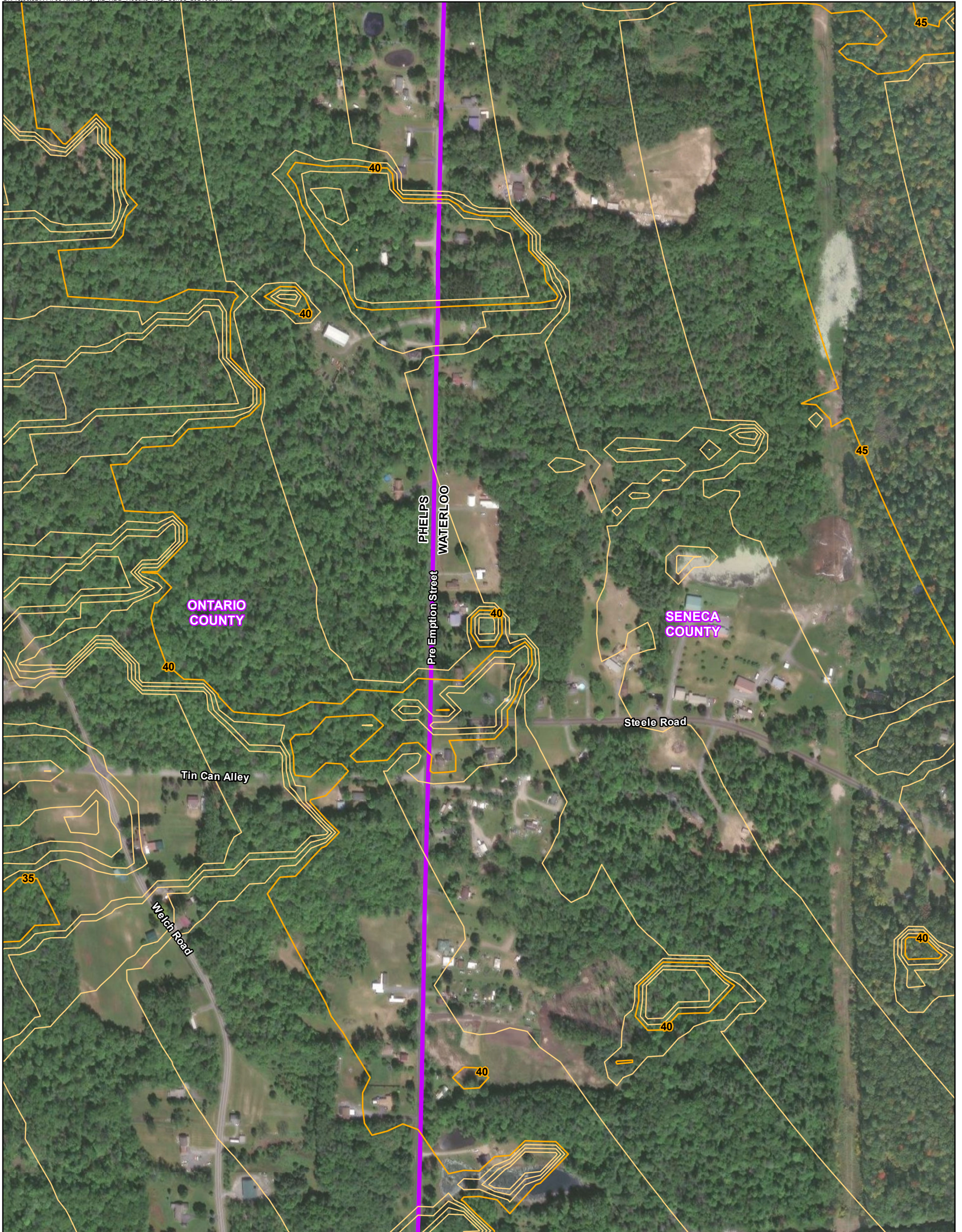
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







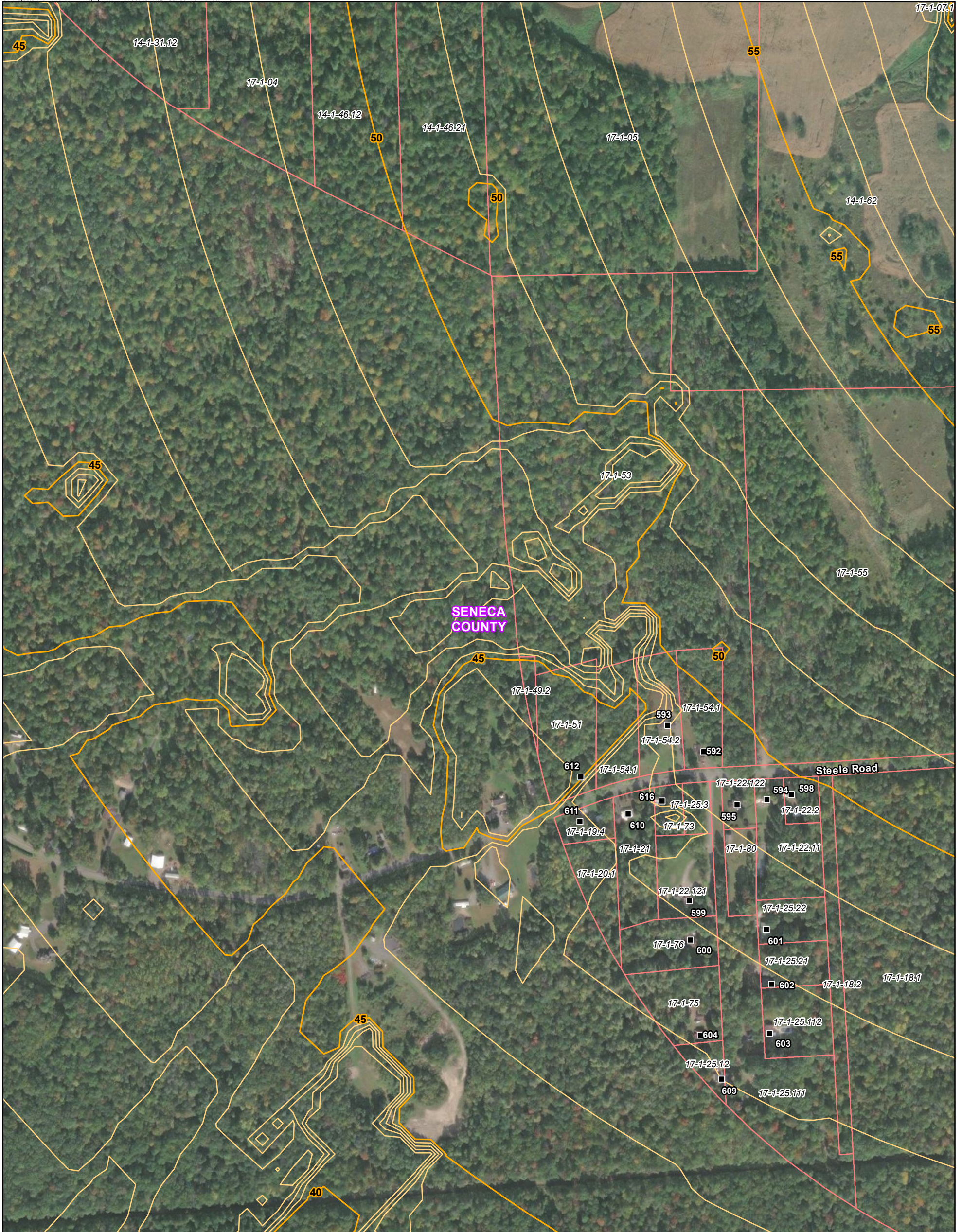
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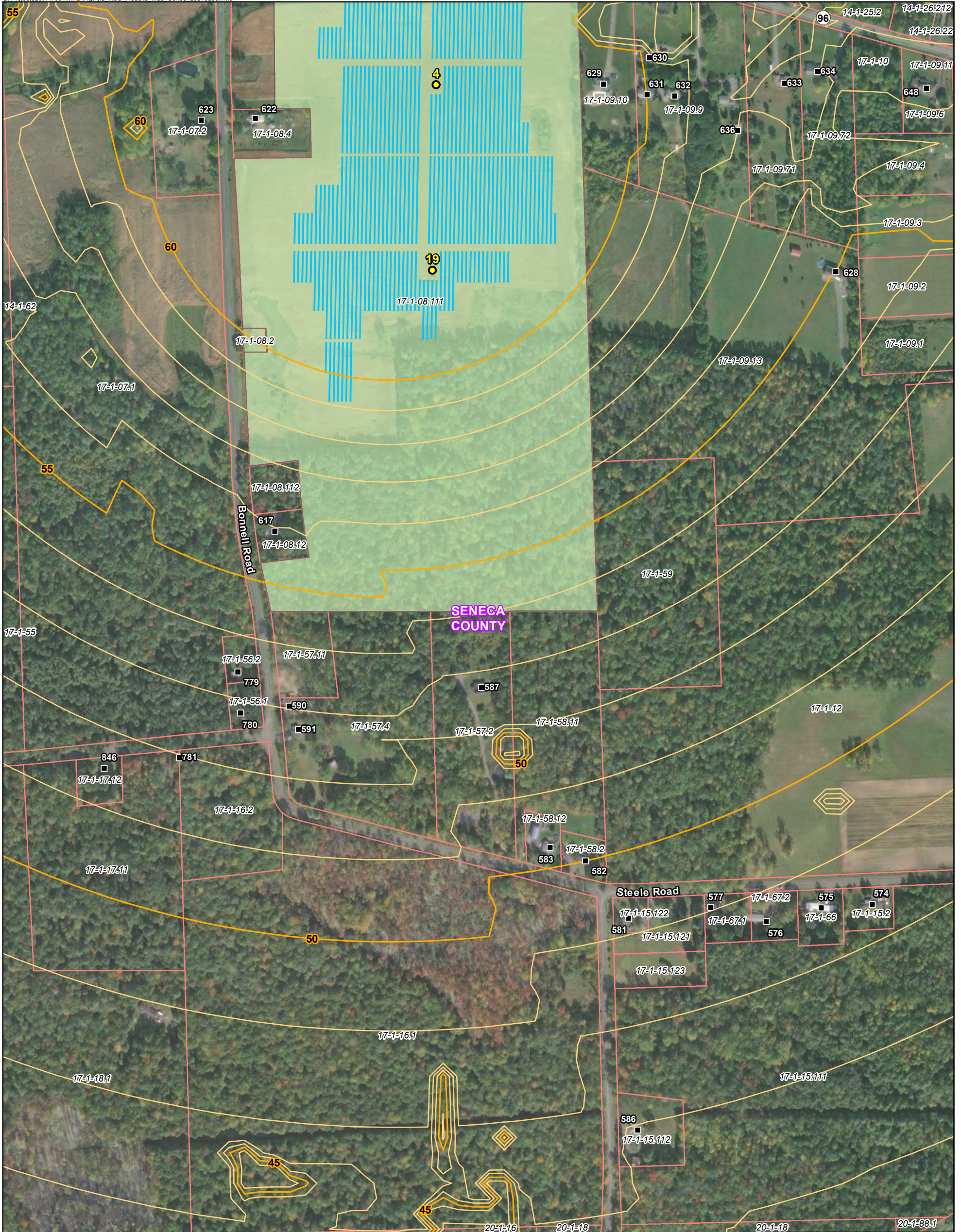
LEGEND <ul style="list-style-type: none"> ● Inverter ■ Solar Array ▭ Collector Substation ▭ Switchyard ■ Participating Receptor ■ Non-Participating Receptor 		<ul style="list-style-type: none"> ▭ Participating Parcel ▭ Non-Participating Parcel ▭ City/Town Boundary ▭ County Boundary 		Predicted Sound Level (dBA) <ul style="list-style-type: none"> 5 dBA Contour Level 1 dBA Contour Level 		 Scale 1:4,800 1 inch = 400 feet  0 200 400 Feet <small>Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community</small>		<table border="1" style="border-collapse: collapse; width: 100px; height: 100px;"> <tr> <td style="width: 33px; height: 33px;">1</td> <td style="width: 33px; height: 33px;">2</td> <td style="width: 33px; height: 33px;">3</td> </tr> <tr> <td style="width: 33px; height: 33px;">4</td> <td style="width: 33px; height: 33px;">5</td> <td style="width: 33px; height: 33px;">6</td> </tr> <tr> <td style="width: 33px; height: 33px;">8</td> <td style="width: 33px; height: 33px;">9</td> <td style="width: 33px; height: 33px; background-color: red;">11</td> </tr> <tr> <td style="width: 33px; height: 33px;">12</td> <td style="width: 33px; height: 33px;">13</td> <td style="width: 33px; height: 33px;">15</td> </tr> </table>		1	2	3	4	5	6	8	9	11	12	13	15
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







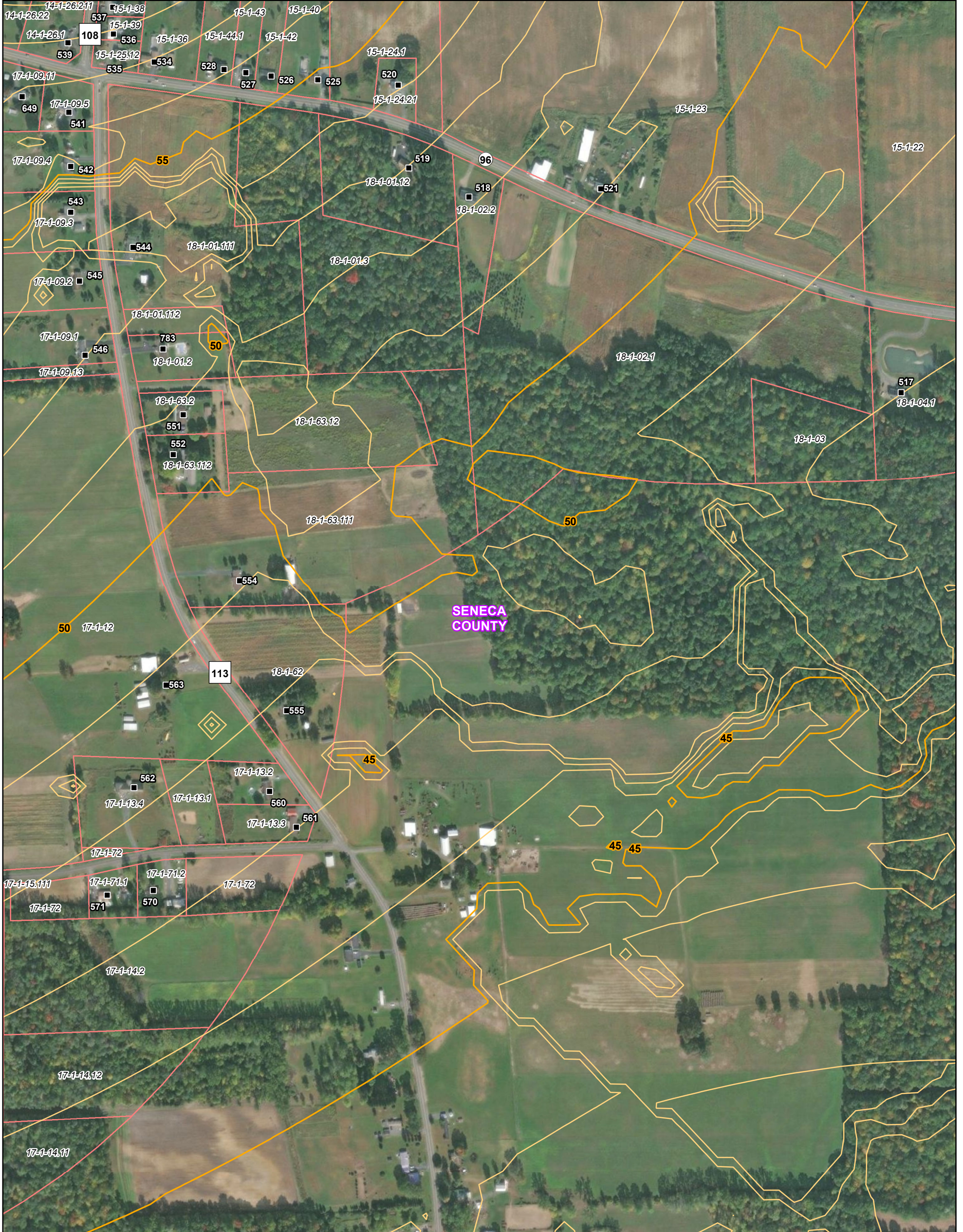
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







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LEGEND		Predicted Sound Level (dBA)		 Scale 1:4,800 1 inch = 400 feet  Feet Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community	<table border="1"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>8</td> <td>9</td> <td>10</td> <td>11</td> </tr> <tr> <td>12</td> <td>13</td> <td style="background-color: red;">14</td> <td>15</td> </tr> </table>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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- World Health Organization (WHO). 1999. *Guidelines for Community Noise*.

List of Modeled Sound Sources

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

Name	ID	Relative Source Height	Coordinates		Elevation +
			UTM NAD83 Zone 18N		Source
			(meters)		Height
		(m)	X	Y	Z
		(m)	(m)	(m)	(m)
Substation	SUB	4	342566.50	4756435.81	160.00
Inverter	1	2.9	342250.12	4756655.62	158.90
Inverter	2	2.9	342169.91	4756060.66	161.52
Inverter	3	2.9	342975.40	4756076.56	154.73
Inverter	4	2.9	342250.75	4754576.34	162.96
Inverter	5	2.9	344713.11	4755521.73	158.26
Inverter	6	2.9	345015.26	4755680.78	153.45
Inverter	7	2.9	342439.92	4754983.96	164.90
Inverter	8	2.9	341922.33	4755209.21	161.60
Inverter	9	2.9	341996.31	4755454.27	161.90
Inverter	10	2.9	342253.29	4755462.89	164.90
Inverter	11	2.9	342224.31	4755219.27	161.90
Inverter	12	2.9	345365.45	4754487.31	159.28
Inverter	13	2.9	345456.02	4754726.26	154.47
Inverter	14	2.9	345415.03	4755692.99	158.90
Inverter	15	2.9	342390.56	4756415.81	158.90
Inverter	16	2.9	341964.05	4756649.09	158.90
Inverter	17	2.9	341786.52	4756647.04	159.39
Inverter	18	2.9	341532.31	4756643.94	159.71
Inverter	19	2.9	342246.18	4754333.78	153.59
Inverter	20	2.9	345579.73	4755697.73	152.90
Inverter	21	2.9	345277.78	4755689.05	153.71
Inverter	22	2.9	342151.55	4756410.73	164.70
Inverter	23	2.9	342687.00	4754992.20	165.51
Inverter	24	2.9	345557.48	4754486.20	158.90

List of Sound Receptors

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
1	13-1-03.1	Non-Participating	Occupied Residence	1.50	340426.95	4757902.14	161.98
2	13-1-03.1	Non-Participating	Occupied Residence	1.50	340415.40	4757879.73	162.81
3	13-1-03.1	Non-Participating	Occupied Residence	1.50	340379.40	4757860.89	160.05
4	13-1-03.1	Non-Participating	Occupied Residence	1.50	340417.28	4757863.52	164.26
5	13-1-03.1	Non-Participating	Occupied Residence	1.50	340393.75	4757848.01	162.04
6	13-1-03.1	Non-Participating	Occupied Residence	1.50	340383.78	4757826.93	161.15
7	13-1-03.1	Non-Participating	Occupied Residence	1.50	340360.48	4757816.12	160.05
8	13-1-03.1	Non-Participating	Occupied Residence	1.50	340361.08	4757799.40	159.91
9	13-1-03.1	Non-Participating	Occupied Residence	1.50	340375.63	4757805.66	160.50
10	13-1-03.1	Non-Participating	Occupied Residence	1.50	340392.94	4757813.23	162.24
11	13-1-03.1	Non-Participating	Occupied Residence	1.50	340415.74	4757822.22	166.50
12	13-1-03.1	Non-Participating	Occupied Residence	1.50	340426.38	4757814.28	166.50
13	13-1-03.1	Non-Participating	Occupied Residence	1.50	340356.52	4757766.62	159.97
14	13-1-03.1	Non-Participating	Occupied Residence	1.50	340381.67	4757778.49	161.07
15	13-1-03.1	Non-Participating	Occupied Residence	1.50	340373.01	4757760.13	160.50
16	13-1-03.1	Non-Participating	Occupied Residence	1.50	340392.58	4757765.46	162.04
17	13-1-03.1	Non-Participating	Occupied Residence	1.50	340431.69	4757800.09	166.50
18	13-1-03.1	Non-Participating	Occupied Residence	1.50	340434.52	4757786.99	166.50
19	13-1-03.1	Non-Participating	Occupied Residence	1.50	340435.24	4757774.39	166.50
20	13-1-03.1	Non-Participating	Occupied Residence	1.50	340440.05	4757739.88	164.47
21	13-1-03.1	Non-Participating	Occupied Residence	1.50	340426.49	4757726.13	163.66
22	13-1-03.1	Non-Participating	Occupied Residence	1.50	340417.11	4757719.43	162.57
23	13-1-03.1	Non-Participating	Occupied Residence	1.50	340406.47	4757709.18	161.18
24	13-1-03.1	Non-Participating	Occupied Residence	1.50	340402.69	4757735.36	162.51
25	13-1-03.1	Non-Participating	Occupied Residence	1.50	340358.76	4757734.29	159.77
26	13-1-03.1	Non-Participating	Occupied Residence	1.50	340343.14	4757736.96	158.82
27	13-1-03.1	Non-Participating	Occupied Residence	1.50	340333.94	4757739.98	158.31
28	13-1-03.1	Non-Participating	Occupied Residence	1.50	340348.74	4757756.79	159.35
29	13-1-03.1	Non-Participating	Occupied Residence	1.50	340335.17	4757754.68	158.22
30	13-1-03.1	Non-Participating	Occupied Residence	1.50	340316.69	4757693.55	157.50
31	13-1-03.1	Non-Participating	Occupied Residence	1.50	340327.13	4757705.69	157.60
32	13-1-03.1	Non-Participating	Occupied Residence	1.50	340337.92	4757699.32	158.40
33	13-1-03.1	Non-Participating	Occupied Residence	1.50	340369.33	4757703.00	160.50
34	13-1-03.1	Non-Participating	Occupied Residence	1.50	340351.98	4757702.14	159.41
35	13-1-03.1	Non-Participating	Occupied Residence	1.50	340376.25	4757679.84	160.50
36	13-1-03.1	Non-Participating	Occupied Residence	1.50	340362.59	4757673.22	160.07
37	13-1-03.1	Non-Participating	Occupied Residence	1.50	340389.16	4757646.84	160.50
38	13-1-03.1	Non-Participating	Occupied Residence	1.50	340401.47	4757658.00	161.31
39	13-1-03.1	Non-Participating	Occupied Residence	1.50	340419.72	4757656.24	162.71
40	13-1-03.1	Non-Participating	Occupied Residence	1.50	340436.18	4757685.60	163.50
41	13-1-03.1	Non-Participating	Occupied Residence	1.50	340416.88	4757682.16	163.11
42	13-1-02.1	Non-Participating	Occupied Residence	1.50	340311.86	4757613.40	157.62
43	13-1-02.1	Non-Participating	Occupied Residence	1.50	340328.24	4757613.81	159.17
44	13-1-02.1	Non-Participating	Occupied Residence	1.50	340346.55	4757615.12	160.33
45	13-1-03.1	Non-Participating	Occupied Residence	1.50	340396.72	4757619.64	160.50
46	13-1-03.1	Non-Participating	Occupied Residence	1.50	340430.67	4757620.19	160.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
47	13-1-03.1	Non-Participating	Occupied Residence	1.50	340451.14	4757622.89	160.65
48	13-1-03.1	Non-Participating	Occupied Residence	1.50	340489.24	4757629.76	162.59
49	13-1-03.1	Non-Participating	Occupied Residence	1.50	340504.05	4757634.71	163.48
50	13-1-03.1	Non-Participating	Occupied Residence	1.50	340520.00	4757636.78	163.50
51	13-1-03.1	Non-Participating	Occupied Residence	1.50	340532.64	4757639.87	163.50
52	13-1-03.1	Non-Participating	Occupied Residence	1.50	340439.48	4757659.66	163.50
53	13-1-03.1	Non-Participating	Occupied Residence	1.50	340449.09	4757653.07	163.27
54	13-1-03.1	Non-Participating	Occupied Residence	1.50	340494.12	4757661.72	163.50
55	13-1-03.1	Non-Participating	Occupied Residence	1.50	340507.19	4757675.24	163.50
56	13-1-03.1	Non-Participating	Occupied Residence	1.50	340516.67	4757661.53	163.50
57	13-1-03.1	Non-Participating	Occupied Residence	1.50	340526.30	4757681.53	163.50
58	13-1-03.1	Non-Participating	Occupied Residence	1.50	340535.51	4757666.16	163.50
59	13-1-03.1	Non-Participating	Occupied Residence	1.50	340543.72	4757686.18	163.50
60	13-1-03.1	Non-Participating	Occupied Residence	1.50	340552.67	4757670.35	163.50
61	13-1-03.1	Non-Participating	Occupied Residence	1.50	340563.24	4757689.61	163.50
62	13-1-03.1	Non-Participating	Occupied Residence	1.50	340570.13	4757677.14	163.50
63	13-1-03.1	Non-Participating	Occupied Residence	1.50	340579.71	4757694.29	163.50
64	13-1-03.1	Non-Participating	Occupied Residence	1.50	340452.34	4757699.53	163.50
65	13-1-03.1	Non-Participating	Occupied Residence	1.50	340498.34	4757709.35	163.50
66	13-1-03.1	Non-Participating	Occupied Residence	1.50	340507.38	4757698.02	163.50
67	13-1-03.1	Non-Participating	Occupied Residence	1.50	340523.89	4757717.41	163.50
68	13-1-03.1	Non-Participating	Occupied Residence	1.50	340543.46	4757723.22	163.50
69	13-1-03.1	Non-Participating	Occupied Residence	1.50	340542.91	4757706.37	163.50
70	13-1-03.1	Non-Participating	Occupied Residence	1.50	340458.72	4757722.91	163.50
71	13-1-03.1	Non-Participating	Occupied Residence	1.50	340599.54	4757751.59	163.50
72	13-1-03.1	Non-Participating	Occupied Residence	1.50	340628.17	4757746.55	163.50
73	13-1-03.1	Non-Participating	Occupied Residence	1.50	340635.45	4757729.55	163.50
74	13-1-03.1	Non-Participating	Occupied Residence	1.50	340633.05	4757715.60	163.50
75	13-1-03.1	Non-Participating	Occupied Residence	1.50	340634.72	4757766.84	163.50
76	13-1-03.1	Non-Participating	Occupied Residence	1.50	340631.72	4757783.98	163.50
77	13-1-03.1	Non-Participating	Occupied Residence	1.50	340624.23	4757802.16	161.69
78	13-1-03.1	Non-Participating	Occupied Residence	1.50	340599.68	4757783.87	163.50
79	13-1-03.1	Non-Participating	Occupied Residence	1.50	340582.48	4757778.03	163.50
80	13-1-03.1	Non-Participating	Occupied Residence	1.50	340555.61	4757775.68	163.50
81	13-1-03.1	Non-Participating	Occupied Residence	1.50	340547.91	4757795.53	163.50
82	13-1-03.1	Non-Participating	Occupied Residence	1.50	340539.13	4757808.04	163.23
83	13-1-03.1	Non-Participating	Occupied Residence	1.50	340561.25	4757823.29	161.26
84	13-1-03.1	Non-Participating	Occupied Residence	1.50	340568.27	4757842.86	160.50
85	13-1-03.1	Non-Participating	Occupied Residence	1.50	340444.57	4757866.55	164.45
86	13-1-03.1	Non-Participating	Occupied Residence	1.50	340445.67	4757849.44	165.43
87	13-1-03.1	Non-Participating	Occupied Residence	1.50	340446.33	4757833.76	166.50
88	13-1-03.1	Non-Participating	Occupied Residence	1.50	340452.78	4757899.39	161.65
89	13-1-03.1	Non-Participating	Occupied Residence	1.50	340473.15	4757909.45	159.85
90	13-1-03.1	Non-Participating	Occupied Residence	1.50	340496.73	4757900.94	158.24
91	13-1-03.1	Non-Participating	Occupied Residence	1.50	340536.12	4757913.02	158.68
92	13-1-03.1	Non-Participating	Occupied Residence	1.50	340540.23	4757832.03	160.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
93	13-1-03.1	Non-Participating	Occupied Residence	1.50	340510.49	4757825.92	160.50
94	13-1-03.1	Non-Participating	Occupied Residence	1.50	340498.81	4757836.99	160.50
95	13-1-28	Non-Participating	Occupied Residence	1.50	340560.50	4757390.93	160.16
96	13-1-28	Non-Participating	Occupied Residence	1.50	340552.99	4757339.53	163.50
97	13-1-06.1	Non-Participating	Occupied Residence	1.50	341120.31	4757471.02	151.50
98	13-1-25.12	Non-Participating	Occupied Residence	1.50	341366.49	4757368.40	166.33
99	13-1-24	Non-Participating	Commercial	1.50	341600.85	4757373.60	159.77
100	13-1-08.22	Non-Participating	Commercial	1.50	341630.06	4757522.12	159.45
101	13-1-24	Non-Participating	Other	1.50	341636.21	4757359.02	158.33
102	13-1-08.11	Non-Participating	Occupied Residence	1.50	341656.56	4757542.28	160.25
103	13-1-32	Non-Participating	Occupied Residence	1.50	341698.26	4757535.20	158.44
104	13-1-09.12	Non-Participating	Occupied Residence	1.50	341741.26	4757536.39	156.12
105	13-1-09.221	Non-Participating	Occupied Residence	1.50	341814.04	4757521.56	154.50
106	13-1-08.22	Non-Participating	Other	1.50	341638.82	4757558.66	160.50
107	13-1-09.12	Non-Participating	Other	1.50	341720.85	4757563.42	156.65
108	13-1-09.221	Non-Participating	Other	1.50	341790.17	4757532.03	154.50
109	13-1-23.2	Non-Participating	Occupied Residence	1.50	341951.65	4757450.49	154.50
110	13-1-10	Non-Participating	Occupied Residence	1.50	341934.64	4757596.93	153.05
111	13-1-10	Non-Participating	Occupied Residence	1.50	341939.66	4757635.22	154.37
112	13-1-09.21	Non-Participating	Occupied Residence	1.50	341887.26	4757697.81	151.50
113	13-1-33	Non-Participating	Occupied Residence	1.50	341918.41	4757754.52	151.50
114	13-1-34	Non-Participating	Occupied Residence	1.50	341855.91	4757767.16	151.50
115	13-1-35	Non-Participating	Occupied Residence	1.50	341933.81	4757841.90	154.50
116	13-1-09.111	Non-Participating	Occupied Residence	1.50	341927.88	4757876.97	154.50
117	13-1-33	Non-Participating	Other	1.50	341910.84	4757778.16	151.50
118	13-1-09.112	Non-Participating	Occupied Residence	1.50	341933.48	4757946.20	154.50
119	13-1-09.112	Non-Participating	Other	1.50	341941.85	4757934.01	154.50
120		Non-Participating	Other	1.50	341973.47	4757970.08	154.50
121	13-1-12	Non-Participating	Other	1.50	342170.22	4757540.06	152.74
122	13-1-12	Non-Participating	Occupied Residence	1.50	342155.76	4757532.88	153.29
123	13-1-22	Non-Participating	Occupied Residence	1.50	342399.46	4757481.02	151.50
124	13-1-21	Non-Participating	Occupied Residence	1.50	342489.13	4757480.35	151.50
125	13-1-22	Non-Participating	Other	1.50	342407.31	4757472.85	151.50
126	13-1-15	Non-Participating	Other	1.50	342486.00	4757551.05	151.50
127	13-1-15	Non-Participating	Other	1.50	342524.72	4757544.46	149.65
128	13-1-15	Non-Participating	Occupied Residence	1.50	342473.70	4757539.67	151.50
129		Non-Participating	Occupied Residence	1.50	342513.46	4757532.58	150.17
130	13-1-16	Non-Participating	Other	1.50	342412.99	4757531.66	151.50
131	13-1-16	Non-Participating	Other	1.50	342396.25	4757527.40	151.50
132	13-1-16	Non-Participating	Other	1.50	342414.32	4757584.44	151.50
133	13-1-20.1	Non-Participating	Occupied Residence	1.50	342741.73	4757475.43	152.37
134	13-1-19.22	Non-Participating	Commercial	1.50	342924.44	4757440.76	152.73
135	14-1-01.1	Non-Participating	Commercial	1.50	343142.37	4757599.28	151.50
136	14-1-01.1	Non-Participating	Commercial	1.50	343358.76	4757584.46	151.50
137	14-1-22	Non-Participating	Uninhabitable Structure	1.50	343253.54	4757472.18	151.50
138	14-1-02.2	Non-Participating	Other	1.50	343519.28	4757383.43	148.91

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
139	14-1-02.2	Non-Participating	Commercial	1.50	343489.75	4757412.63	149.11
140	14-1-24	Non-Participating	Other	1.50	343593.39	4757476.42	149.67
141	13-1-17.2	Non-Participating	Utility	1.50	342477.53	4757939.29	151.22
142	13-1-19.1	Non-Participating	Occupied Residence	1.50	342716.49	4756882.62	157.50
143	13-1-19.1	Non-Participating	Other	1.50	342664.10	4756837.57	157.50
144	14-1-20.2	Non-Participating	Other	1.50	343108.28	4756548.31	166.50
145	14-1-20.2	Non-Participating	Occupied Residence	1.50	343136.64	4756529.58	166.50
146	11-1-10	Non-Participating	Occupied Residence	1.50	344642.32	4758207.04	154.50
147	11-1-10	Non-Participating	Other	1.50	344668.06	4758223.42	151.50
148	11-1-09	Non-Participating	Other	1.50	344814.31	4758346.14	159.83
149	11-1-09	Non-Participating	Occupied Residence	1.50	344792.46	4758401.18	160.50
150	11-1-08	Non-Participating	Commercial	1.50	344770.28	4758677.02	163.50
151	12-1-21.2	Non-Participating	Occupied Residence	1.50	346521.98	4759098.27	157.50
152	12-1-19	Non-Participating	Occupied Residence	1.50	346557.28	4758716.53	157.50
153	12-1-03.1	Non-Participating	Occupied Residence	1.50	346504.64	4758783.62	157.41
154	12-1-19	Non-Participating	Other	1.50	346546.71	4758698.24	157.50
155	12-1-03.1	Non-Participating	Other	1.50	346510.62	4758808.69	157.48
156	15-1-09	Non-Participating	Occupied Residence	1.50	346539.42	4758332.47	155.66
157	15-1-11.1	Non-Participating	Occupied Residence	1.50	346592.41	4758325.57	155.78
158	15-1-11.22	Non-Participating	Utility	1.50	346581.24	4758442.63	156.67
159	15-1-11.212	Non-Participating	Utility	1.50	346623.05	4758469.39	155.68
160	15-1-13	Non-Participating	Occupied Residence	1.50	346591.16	4758172.59	154.50
161	15-1-12.12	Non-Participating	Occupied Residence	1.50	346606.73	4758103.30	156.65
162	15-1-06	Non-Participating	Occupied Residence	1.50	346565.18	4758049.69	156.78
163	15-1-12.112	Non-Participating	Occupied Residence	1.50	346607.46	4758008.61	154.79
164	15-1-06	Non-Participating	Other	1.50	346558.68	4758092.37	155.79
165	15-1-12.112	Non-Participating	Other	1.50	346607.61	4757989.47	154.50
166	15-1-13	Non-Participating	Other	1.50	346594.48	4758148.35	155.30
167	15-1-05.111	Non-Participating	Other	1.50	346568.66	4757953.94	154.50
168	15-1-49	Non-Participating	Occupied Residence	1.50	346602.85	4757937.68	154.50
169	15-1-05.112	Non-Participating	Occupied Residence	1.50	346566.60	4757897.83	153.89
170	15-1-04	Non-Participating	Occupied Residence	1.50	346559.53	4757870.26	153.38
171	15-1-21.12	Non-Participating	Commercial	1.50	346638.13	4757899.00	154.50
172	15-1-14	Non-Participating	Occupied Residence	1.50	346671.41	4758021.25	154.50
173	15-1-15	Non-Participating	Occupied Residence	1.50	346755.53	4758062.22	154.50
174	15-1-21.2	Non-Participating	Occupied Residence	1.50	346756.52	4757994.72	154.50
175	15-1-14	Non-Participating	Other	1.50	346684.68	4758030.57	154.50
176	15-1-21.2	Non-Participating	Other	1.50	346790.46	4758018.25	154.50
177	15-1-15	Non-Participating	Other	1.50	346744.85	4758056.63	154.50
178	15-1-21.111	Non-Participating	Commercial	1.50	346798.85	4757875.82	151.50
179	15-1-26.2	Non-Participating	Occupied Residence	1.50	346891.87	4757934.76	152.53
180	15-1-26.2	Non-Participating	Other	1.50	346878.61	4757912.60	151.50
181	15-1-16.21	Non-Participating	Occupied Residence	1.50	346872.09	4758113.74	152.70
182	15-1-16.1	Non-Participating	Occupied Residence	1.50	346979.66	4758080.24	154.50
183	15-1-16.21	Non-Participating	Occupied Residence	1.50	346989.91	4758144.18	154.50
184	15-1-16.1	Non-Participating	Other	1.50	347004.24	4758110.86	154.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
185	15-1-28	Non-Participating	Other	1.50	347225.41	4757942.58	155.46
186	15-1-28	Non-Participating	Occupied Residence	1.50	347183.04	4758019.17	157.50
187	15-2-01	Non-Participating	Commercial	1.50	347477.65	4758178.66	151.50
188		Non-Participating	Other	1.50	347479.42	4758337.78	151.50
189	15-2-01	Non-Participating	Other	1.50	347460.41	4758177.07	151.50
190	15-1-05.22	Non-Participating	Occupied Residence	1.50	346525.09	4757819.54	152.45
191	15-1-57	Non-Participating	Occupied Residence	1.50	346621.38	4757704.92	154.46
192	15-1-05.212	Non-Participating	Occupied Residence	1.50	346472.72	4757739.95	151.50
193	15-1-05.212	Non-Participating	Other	1.50	346492.56	4757737.31	151.75
194		Non-Participating	Occupied Residence	1.50	346433.37	4757642.74	151.50
195	15-1-19.2	Non-Participating	Occupied Residence	1.50	346378.15	4757625.40	151.50
196	15-1-03.111	Non-Participating	Occupied Residence	1.50	346437.22	4757552.77	151.50
197	15-1-22	Non-Participating	Occupied Residence	1.50	346519.34	4757567.84	152.50
198	15-1-03.112	Non-Participating	Occupied Residence	1.50	346521.74	4757494.77	152.98
199	15-1-23	Non-Participating	Occupied Residence	1.50	346604.31	4757506.82	154.20
200	15-1-03.2	Non-Participating	Occupied Residence	1.50	346589.69	4757452.70	153.22
201	15-1-24	Non-Participating	Occupied Residence	1.50	346636.74	4757517.54	154.36
202	15-1-03.111	Non-Participating	Other	1.50	346447.38	4757544.52	151.51
203	15-1-22	Non-Participating	Other	1.50	346532.00	4757558.29	152.76
204	15-1-23	Non-Participating	Other	1.50	346598.85	4757524.80	154.01
205	15-1-03.2	Non-Participating	Other	1.50	346575.86	4757453.72	153.13
206	15-1-24	Non-Participating	Other	1.50	346652.37	4757531.85	153.93
207	15-1-21.112	Non-Participating	Other	1.50	346621.58	4757421.38	154.01
208	15-1-47	Non-Participating	Other	1.50	346710.58	4757480.64	152.56
209	15-1-21.112	Non-Participating	Other	1.50	346691.14	4757371.22	153.96
210	15-1-40	Non-Participating	Other	1.50	346776.72	4757329.07	152.40
211	15-1-25	Non-Participating	Other	1.50	346860.04	4757434.51	151.50
212	15-1-47	Non-Participating	Occupied Residence	1.50	346730.86	4757474.72	152.06
213	15-1-21.112	Non-Participating	Occupied Residence	1.50	346642.27	4757409.91	154.50
214	15-1-41	Non-Participating	Occupied Residence	1.50	346726.74	4757362.99	153.74
215	15-1-40	Non-Participating	Occupied Residence	1.50	346812.26	4757344.51	151.69
216	15-1-25	Non-Participating	Occupied Residence	1.50	346842.78	4757427.28	151.50
217	15-1-27.111	Non-Participating	Occupied Residence	1.50	347041.60	4757337.03	151.50
218	15-1-52	Non-Participating	Occupied Residence	1.50	347074.58	4757270.70	151.50
219	15-1-27.111	Non-Participating	Other	1.50	347030.12	4757291.60	151.50
220	15-1-27.111	Non-Participating	Other	1.50	347053.57	4757325.00	151.50
221	15-1-33	Non-Participating	Other	1.50	347254.65	4757180.75	151.50
222	15-1-33	Non-Participating	Occupied Residence	1.50	347230.31	4757183.57	151.50
223	15-1-34	Non-Participating	Occupied Residence	1.50	346998.38	4757214.50	152.27
224	15-1-34	Non-Participating	Other	1.50	346984.29	4757198.04	152.84
225	15-1-27.2	Non-Participating	Other	1.50	347480.78	4757039.38	151.50
226	15-1-29.1	Non-Participating	Other	1.50	347424.93	4756881.20	151.50
227	15-2-42	Non-Participating	Other	1.50	347635.58	4756869.86	151.50
228	15-1-27.122	Non-Participating	Occupied Residence	1.50	347312.15	4757094.81	151.50
229	15-1-27.2	Non-Participating	Occupied Residence	1.50	347459.96	4757043.46	151.50
230	15-1-29.1	Non-Participating	Occupied Residence	1.50	347439.34	4756895.69	151.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
231	15-2-42	Non-Participating	Occupied Residence	1.50	347660.99	4756880.45	151.50
232	15-1-18	Non-Participating	Occupied Residence	1.50	346229.07	4757623.62	151.50
233	15-1-18	Non-Participating	Other	1.50	346166.73	4757596.27	151.50
234	15-1-51.2	Non-Participating	Commercial	1.50	346136.84	4757367.45	152.18
235	14-1-09.2/2011	Non-Participating	Commercial	1.50	345934.68	4757454.67	157.50
236	14-1-09.2/2011	Non-Participating	Commercial	1.50	345867.83	4757414.61	159.34
237	14-1-09.2/2011	Non-Participating	Occupied Residence	1.50	345902.13	4757314.03	157.50
238	14-1-09.2/2011	Non-Participating	Commercial	1.50	345933.08	4757390.57	157.50
239	14-1-09.22	Non-Participating	Commercial	1.50	345971.71	4757415.41	157.00
240	14-1-09.2/2011	Non-Participating	Commercial	1.50	345906.20	4757383.99	158.26
241	15-1-51.1	Non-Participating	Occupied Residence	1.50	346128.12	4757318.87	151.96
242	15-1-51.1	Non-Participating	Occupied Residence	1.50	346349.71	4757519.65	151.50
243	15-1-01.2	Non-Participating	Occupied Residence	1.50	345816.59	4757514.34	160.50
244	15-1-02.2	Non-Participating	Commercial	1.50	345850.62	4757566.42	157.71
245	15-1-01.112	Non-Participating	Commercial	1.50	345747.11	4757543.97	156.58
246	15-1-01.2	Non-Participating	Other	1.50	345820.18	4757533.42	160.11
247	15-1-01.12	Non-Participating	Other	1.50	345605.29	4757515.31	154.50
248	14-1-08	Non-Participating	Other	1.50	345633.26	4757422.62	154.50
249	15-1-01.12	Non-Participating	Occupied Residence	1.50	345585.17	4757516.19	154.50
250	14-1-08	Non-Participating	Occupied Residence	1.50	345628.03	4757439.09	154.50
251	14-1-27.1	Non-Participating	Commercial	1.50	345371.11	4757441.21	154.50
252	14-1-07.11	Non-Participating	Commercial	1.50	344818.76	4757601.39	156.35
253	14-1-07.11	Non-Participating	Other	1.50	344861.01	4757625.27	154.50
254	14-1-07.11	Non-Participating	Other	1.50	344866.21	4757593.95	154.50
255	14-1-07.2	Non-Participating	Occupied Residence	1.50	344718.78	4757614.35	157.96
256	14-1-19	Non-Participating	Other	1.50	344774.52	4757418.40	166.50
257	14-1-19	Non-Participating	Other	1.50	344766.71	4757471.68	165.08
258	14-1-17	Non-Participating	Occupied Residence	1.50	344740.44	4757226.66	169.50
259	14-1-17	Non-Participating	Other	1.50	344703.74	4757337.39	169.50
260	14-1-17	Non-Participating	Other	1.50	344734.01	4757259.77	169.50
261	14-1-15.111	Non-Participating	Other	1.50	344786.13	4757085.80	172.06
262	14-1-15.111	Non-Participating	Other	1.50	344764.27	4757088.47	171.10
263	14-1-15.2	Non-Participating	Occupied Residence	1.50	344787.54	4757053.79	172.50
264	14-1-15.12	Non-Participating	Commercial	1.50	344798.66	4757009.04	171.24
265	14-1-15.12	Non-Participating	Other	1.50	344811.08	4757000.15	172.00
266	14-1-15.12	Non-Participating	Other	1.50	344797.61	4756993.62	170.70
267	14-1-13.1	Non-Participating	Other	1.50	344865.97	4756968.82	171.45
268	14-1-16.2	Non-Participating	Occupied Residence	1.50	344758.61	4757174.89	172.45
269	14-1-13.1	Non-Participating	Occupied Residence	1.50	344837.52	4756846.37	169.50
270	14-1-14.2	Non-Participating	Occupied Residence	1.50	344896.85	4756814.53	169.50
271	14-1-14.2	Non-Participating	Other	1.50	344909.83	4756795.15	167.81
272	14-1-14.2	Non-Participating	Other	1.50	344941.64	4756826.27	165.52
273	14-1-13.2	Non-Participating	Occupied Residence	1.50	344917.15	4756594.47	166.50
274	14-1-13.1	Non-Participating	Commercial	1.50	344793.55	4756570.44	157.08
275	14-1-13.1	Non-Participating	Other	1.50	344825.49	4756553.31	158.83
276	14-1-11	Non-Participating	Other	1.50	344939.01	4756445.84	163.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
277	14-1-11	Non-Participating	Commercial	1.50	345004.06	4756490.45	161.39
278	14-1-11	Non-Participating	Occupied Residence	1.50	344920.44	4756448.96	163.50
279	14-1-11	Non-Participating	Other	1.50	345019.66	4756516.59	160.84
280	14-1-13.1	Non-Participating	Other	1.50	344787.29	4756545.65	156.88
281	14-1-13.1	Non-Participating	Other	1.50	344815.95	4756569.78	157.51
282	15-1-06	Non-Participating	Other	1.50	344950.77	4756227.93	156.78
283	15-1-06	Non-Participating	Other	1.50	344989.35	4756229.17	156.17
284	15-1-06	Non-Participating	Commercial	1.50	344932.94	4756200.33	156.06
285	15-1-06	Non-Participating	Occupied Residence	1.50	344915.09	4756234.51	157.27
286	15-1-05.11	Non-Participating	Occupied Residence	1.50	344804.05	4755978.89	157.21
287	15-1-05.12	Non-Participating	Occupied Residence	1.50	344824.92	4755875.80	157.50
288	15-1-05.11	Non-Participating	Other	1.50	344767.25	4755988.63	157.50
289	15-1-05.11	Non-Participating	Other	1.50	344807.68	4755920.98	156.65
290	15-1-05.12	Non-Participating	Other	1.50	344795.37	4755873.21	157.50
291	15-1-31.111	Participating	Other	1.50	344761.38	4755758.23	159.41
292	15-1-31.111	Participating	Other	1.50	344765.27	4755710.81	159.59
293	15-1-31.111	Participating	Commercial	1.50	344749.17	4755684.68	160.39
294	15-1-31.111	Participating	Occupied Residence	1.50	344815.17	4755686.20	158.49
295	15-1-31.111	Participating	Other	1.50	344801.35	4755687.97	158.87
296	15-1-31.12	Non-Participating	Occupied Residence	1.50	344759.06	4755822.48	158.86
297	15-1-07.1	Non-Participating	Occupied Residence	1.50	344880.76	4755539.53	157.50
298	15-1-07.1	Non-Participating	Other	1.50	344893.11	4755526.71	157.50
299	15-1-07.212	Non-Participating	Other	1.50	344920.16	4755501.02	157.03
300	15-1-08	Non-Participating	Occupied Residence	1.50	344887.97	4755337.56	157.50
301	15-1-32	Non-Participating	Occupied Residence	1.50	344832.24	4755261.10	157.50
302	15-1-08	Non-Participating	Other	1.50	344908.55	4755343.86	157.50
303	15-1-32	Non-Participating	Other	1.50	344819.03	4755249.54	157.50
304	15-1-34	Non-Participating	Other	1.50	344789.02	4755222.57	157.50
305	15-1-20	Non-Participating	Other	1.50	344850.81	4754826.77	157.50
306	15-1-20	Non-Participating	Occupied Residence	1.50	344854.42	4754809.39	157.50
307	15-1-21.1	Non-Participating	Occupied Residence	1.50	344729.29	4754432.85	160.50
308	15-1-21.1	Non-Participating	Other	1.50	344713.66	4754459.12	160.50
309	15-1-21.1	Non-Participating	Other	1.50	344680.20	4754437.71	160.50
310	15-1-21.1	Non-Participating	Other	1.50	344747.53	4754482.09	160.50
311	15-1-19.12	Non-Participating	Occupied Residence	1.50	344777.42	4754209.65	157.50
312	15-1-19.2	Non-Participating	Occupied Residence	1.50	344793.06	4754267.19	158.84
313	15-1-18	Non-Participating	Occupied Residence	1.50	344860.89	4754191.95	156.38
314	15-1-17	Non-Participating	Occupied Residence	1.50	344933.89	4754203.16	157.83
315	18-1-05.12	Non-Participating	Occupied Residence	1.50	344696.60	4754138.38	154.50
316	18-1-06	Non-Participating	Occupied Residence	1.50	344604.51	4754158.21	154.80
317	18-1-05.112	Non-Participating	Occupied Residence	1.50	344551.25	4754171.02	155.66
318	15-1-19.2	Non-Participating	Other	1.50	344811.62	4754291.63	159.28
319	15-1-18	Non-Participating	Other	1.50	344882.94	4754171.86	155.87
320	15-1-17	Non-Participating	Other	1.50	344918.12	4754201.49	157.50
321	18-1-05.112	Non-Participating	Other	1.50	344567.58	4754140.02	154.50
322	18-1-05.2	Non-Participating	Other	1.50	344644.92	4754005.43	150.48

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
323	18-1-05.2	Non-Participating	Occupied Residence	1.50	344676.10	4754061.41	151.57
324	18-1-66	Non-Participating	Occupied Residence	1.50	344573.74	4753714.59	148.50
325	18-1-67	Non-Participating	Commercial	1.50	344525.27	4753501.86	148.50
326	18-1-67	Non-Participating	Other	1.50	344512.99	4753560.32	148.50
327	18-1-68	Non-Participating	Occupied Residence	1.50	344605.69	4753468.08	148.42
328	18-1-66	Non-Participating	Other	1.50	344565.33	4753686.02	148.50
329	15-1-14.11	Non-Participating	Other	1.50	345073.91	4754155.12	157.87
330	18-1-80	Non-Participating	Other	1.50	345089.96	4754058.13	154.79
331	15-1-16	Non-Participating	Other	1.50	344980.91	4754190.87	158.28
332	15-1-15	Non-Participating	Other	1.50	345044.69	4754128.22	157.01
333	15-1-16	Non-Participating	Occupied Residence	1.50	344965.25	4754161.95	157.50
334	15-1-14.11	Non-Participating	Occupied Residence	1.50	345067.43	4754185.46	158.88
335	18-1-08	Non-Participating	Occupied Residence	1.50	345005.86	4754085.14	155.38
336	18-1-80	Non-Participating	Occupied Residence	1.50	345113.64	4754045.34	154.53
337	15-1-13	Non-Participating	Occupied Residence	1.50	345207.01	4754096.21	157.50
338	15-1-13	Non-Participating	Commercial	1.50	345176.63	4754181.39	158.69
339	15-1-13	Non-Participating	Other	1.50	345198.65	4754187.27	159.08
340	15-1-14.121	Non-Participating	Other	1.50	345124.54	4754156.43	158.23
341	15-1-14.121	Non-Participating	Other	1.50	345122.75	4754128.01	157.50
342	15-1-14.122	Non-Participating	Occupied Residence	1.50	345122.61	4754187.44	159.22
343	18-1-09.12	Non-Participating	Occupied Residence	1.50	345309.01	4753990.29	152.68
344	18-1-09.2	Non-Participating	Occupied Residence	1.50	345350.76	4753974.15	151.50
345	18-1-09.111	Non-Participating	Occupied Residence	1.50	345389.85	4753977.44	151.50
346	18-1-10.2	Non-Participating	Public	1.50	345450.83	4753952.87	150.11
347	15-1-09	Non-Participating	Occupied Residence	1.50	345451.90	4754063.15	152.86
348	15-1-09	Non-Participating	Commercial	1.50	345535.90	4754142.25	154.05
349	15-1-09	Non-Participating	Other	1.50	345468.52	4754241.49	159.26
350	15-1-09	Non-Participating	Other	1.50	345456.53	4754231.09	158.12
351	15-1-09	Non-Participating	Other	1.50	345481.43	4754216.46	156.95
352	15-1-09	Non-Participating	Other	1.50	345441.61	4754107.83	154.24
353	15-1-09	Non-Participating	Other	1.50	345480.55	4754086.25	153.27
354	18-1-10.112	Non-Participating	Other	1.50	345673.01	4753776.13	148.50
355	18-1-10.112	Non-Participating	Other	1.50	345694.91	4753789.88	148.50
356	18-1-10.112	Non-Participating	Commercial	1.50	345659.45	4753807.86	148.50
357	18-1-10.112	Non-Participating	Occupied Residence	1.50	345730.74	4753832.88	148.50
358	16-1-28.2	Non-Participating	Occupied Residence	1.50	345740.37	4753990.99	149.65
359	18-1-11	Non-Participating	Occupied Residence	1.50	345810.43	4753913.62	148.50
360	18-1-20	Non-Participating	Occupied Residence	1.50	345887.62	4753894.04	149.11
361	18-1-12	Non-Participating	Occupied Residence	1.50	345954.47	4753874.15	149.73
362	16-1-28.2	Non-Participating	Other	1.50	345746.28	4754023.86	150.60
363	18-1-20	Non-Participating	Other	1.50	345908.14	4753900.95	149.33
364	18-1-10.12	Non-Participating	Commercial	1.50	345956.40	4753781.81	149.27
365	18-1-14.12	Non-Participating	Occupied Residence	1.50	346020.19	4753784.54	149.39
366	18-1-14.21	Non-Participating	Occupied Residence	1.50	346081.11	4753760.18	148.79
367	18-1-14.1	Non-Participating	Occupied Residence	1.50	346197.66	4753724.02	150.13
368	18-1-15	Non-Participating	Occupied Residence	1.50	346243.77	4753712.08	151.45

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
369	19-1-03	Non-Participating	Occupied Residence	1.50	346285.96	4753772.97	152.61
370	18-1-71	Non-Participating	Occupied Residence	1.50	346281.32	4753700.04	151.50
371	18-1-14.21	Non-Participating	Other	1.50	346126.61	4753721.84	148.50
372	18-1-14.21	Non-Participating	Other	1.50	346115.11	4753686.04	148.50
373	18-1-14.21	Non-Participating	Other	1.50	346129.47	4753686.53	148.50
374	18-1-14.21	Non-Participating	Other	1.50	346145.23	4753694.29	148.50
375	18-1-14.21	Non-Participating	Other	1.50	346156.59	4753695.59	148.50
376	18-1-14.21	Non-Participating	Other	1.50	346154.40	4753659.62	148.50
377	18-1-14.21	Non-Participating	Other	1.50	346135.13	4753639.08	147.70
378	18-1-14.1	Non-Participating	Other	1.50	346212.13	4753716.45	150.45
379	18-1-14.21	Non-Participating	Commercial	1.50	346153.90	4753739.96	149.36
380	18-1-14.1	Non-Participating	Other	1.50	346180.30	4753724.35	149.72
381	19-1-03	Non-Participating	Other	1.50	346273.72	4753791.34	153.05
382	19-1-01.1	Non-Participating	Occupied Residence	1.50	346180.56	4753805.18	151.50
383	18-1-17.111	Non-Participating	Occupied Residence	1.50	346328.56	4753679.96	151.79
384	18-1-17.111	Non-Participating	Commercial	1.50	346320.19	4753639.65	151.50
385	18-1-17.12	Non-Participating	Other	1.50	346380.18	4753609.00	151.85
386	18-1-17.111	Non-Participating	Other	1.50	346297.94	4753637.63	151.07
387	18-1-18	Non-Participating	Other	1.50	346525.49	4753600.78	154.75
388	18-1-17.112	Non-Participating	Occupied Residence	1.50	346367.60	4753668.58	152.77
389	18-1-17.12	Non-Participating	Occupied Residence	1.50	346406.24	4753651.72	154.19
390	18-1-16.2	Non-Participating	Occupied Residence	1.50	346442.80	4753637.95	154.50
391	18-1-16.1	Non-Participating	Occupied Residence	1.50	346483.75	4753630.78	154.64
392	19-1-08.2	Non-Participating	Commercial	1.50	346550.84	4753686.43	157.50
393	19-1-02.11	Non-Participating	Other	1.50	346467.99	4753730.90	154.50
394	19-1-02.11	Non-Participating	Other	1.50	346467.08	4753763.79	154.50
395	19-1-02.11	Non-Participating	Other	1.50	346434.80	4753794.52	154.50
396	19-1-08.1	Non-Participating	Other	1.50	346579.32	4753782.24	154.50
397	19-1-02.2	Non-Participating	Occupied Residence	1.50	346396.41	4753727.99	153.98
398	19-1-06	Non-Participating	Occupied Residence	1.50	346371.98	4753739.71	153.65
399	19-1-05	Non-Participating	Occupied Residence	1.50	346348.39	4753747.46	153.35
400	19-1-01.22	Non-Participating	Occupied Residence	1.50	346198.84	4753902.44	152.46
401	19-1-01.211	Non-Participating	Occupied Residence	1.50	346195.19	4753951.20	153.20
402	19-1-01.212	Non-Participating	Occupied Residence	1.50	346191.02	4754004.53	154.50
403	19-1-55	Non-Participating	Occupied Residence	1.50	346196.64	4754044.30	154.50
404	16-1-71	Non-Participating	Occupied Residence	1.50	346196.70	4754095.73	154.50
405	16-1-72	Non-Participating	Occupied Residence	1.50	346186.16	4754150.10	154.50
406	19-1-01.212	Non-Participating	Other	1.50	346238.75	4754001.51	154.50
407	19-1-55	Non-Participating	Other	1.50	346238.89	4754057.50	154.50
408	16-1-70	Non-Participating	Occupied Residence	1.50	346181.88	4754197.96	154.50
409	16-1-76	Non-Participating	Occupied Residence	1.50	346184.44	4754252.69	153.19
410	16-1-29.111	Non-Participating	Occupied Residence	1.50	346181.23	4754292.62	151.79
411	16-1-29.112	Non-Participating	Occupied Residence	1.50	346174.30	4754344.48	151.50
412	16-1-69.1	Non-Participating	Occupied Residence	1.50	346169.26	4754400.57	151.80
413	16-1-69.2	Non-Participating	Occupied Residence	1.50	346166.22	4754449.02	151.78
414	16-1-69.5	Non-Participating	Occupied Residence	1.50	346164.13	4754547.97	151.47

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
415	16-1-69.6	Non-Participating	Occupied Residence	1.50	346156.92	4754601.67	151.17
416	16-1-69.71	Non-Participating	Occupied Residence	1.50	346151.83	4754654.71	150.96
417	16-1-69.72	Non-Participating	Occupied Residence	1.50	346150.78	4754695.82	150.86
418	16-1-69.7	Non-Participating	Occupied Residence	1.50	346147.04	4754771.67	151.50
419	16-1-27.1	Non-Participating	Occupied Residence	1.50	346078.13	4754765.05	151.83
420	16-1-69.7	Non-Participating	Other	1.50	346146.04	4754750.99	151.50
421	16-1-27.1	Non-Participating	Other	1.50	346081.66	4754774.72	151.64
422	15-1-11	Non-Participating	Occupied Residence	1.50	345984.67	4754908.94	151.50
423	16-1-68	Non-Participating	Other	1.50	346197.88	4754934.44	148.50
424	16-1-29.12	Non-Participating	Other	1.50	346154.81	4754893.86	149.83
425	16-1-29.12	Non-Participating	Other	1.50	346150.04	4754915.26	149.87
426	16-1-29.12	Non-Participating	Occupied Residence	1.50	346155.68	4754875.28	149.83
427	16-1-29.211	Non-Participating	Occupied Residence	1.50	346121.39	4754993.70	149.91
428	16-1-29.22	Non-Participating	Occupied Residence	1.50	346115.88	4755104.89	151.50
429	15-1-35.2	Non-Participating	Occupied Residence	1.50	346035.86	4755267.69	151.50
430	16-1-68	Non-Participating	Occupied Residence	1.50	346097.46	4755306.40	151.50
431	16-1-68	Non-Participating	Other	1.50	346134.88	4755257.61	150.75
432	15-1-35.2	Non-Participating	Other	1.50	346030.04	4755281.80	151.50
433	15-1-10	Non-Participating	Other	1.50	346057.30	4755193.94	151.50
434	15-1-10	Non-Participating	Occupied Residence	1.50	346048.83	4755180.71	151.50
435	15-1-35.112	Non-Participating	Occupied Residence	1.50	346019.10	4755476.78	151.50
436	15-1-46	Non-Participating	Utility	1.50	346086.73	4756429.09	154.50
437	15-1-46	Non-Participating	Other	1.50	346115.11	4756534.65	154.38
438	15-1-46	Non-Participating	Other	1.50	346117.93	4756554.99	154.50
439	15-1-45.112	Non-Participating	Other	1.50	346173.55	4756623.20	153.54
440	15-1-46	Non-Participating	Occupied Residence	1.50	346128.92	4756573.04	154.50
441	15-1-45.112	Non-Participating	Occupied Residence	1.50	346137.14	4756621.88	154.31
442	15-1-45.12	Non-Participating	Occupied Residence	1.50	346143.75	4756649.45	154.09
443	15-1-45.2	Non-Participating	Occupied Residence	1.50	346150.78	4756683.40	153.87
444	15-1-45.111	Non-Participating	Occupied Residence	1.50	346171.67	4756774.61	154.50
445	15-1-44	Non-Participating	Occupied Residence	1.50	346166.51	4756807.58	154.50
446	15-1-43	Non-Participating	Occupied Residence	1.50	346206.66	4756854.91	154.50
447	15-1-45.111	Non-Participating	Other	1.50	346241.04	4756741.66	153.94
448	15-1-43	Non-Participating	Other	1.50	346222.91	4756877.73	154.50
449	15-1-03.12	Non-Participating	Occupied Residence	1.50	346144.95	4756971.71	154.50
450	15-1-35.1	Non-Participating	Occupied Residence	1.50	346929.93	4757155.66	154.50
451	15-1-32.2	Non-Participating	Occupied Residence	1.50	346993.73	4757085.07	152.50
452	15-1-27.112	Non-Participating	Occupied Residence	1.50	346981.93	4757153.16	153.49
453	15-1-35.1	Non-Participating	Other	1.50	346917.07	4757135.20	153.84
454	15-1-27.112	Non-Participating	Other	1.50	346989.92	4757109.18	152.94
455	15-1-32.1	Non-Participating	Occupied Residence	1.50	347013.28	4757024.14	151.50
456	15-1-36.11	Non-Participating	Occupied Residence	1.50	346935.24	4757033.22	151.50
457	15-1-36.12	Non-Participating	Occupied Residence	1.50	346952.92	4756970.50	151.50
458	15-1-36.11	Non-Participating	Other	1.50	346936.05	4757011.59	151.50
459	15-1-37	Non-Participating	Other	1.50	346945.50	4756899.73	151.50
460	15-1-37	Non-Participating	Occupied Residence	1.50	346951.26	4756882.27	151.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
461	15-1-31.12	Non-Participating	Occupied Residence	1.50	347009.07	4756833.10	151.50
462	15-1-39.11	Non-Participating	Occupied Residence	1.50	346958.22	4756799.36	151.50
463	15-1-53.1	Non-Participating	Occupied Residence	1.50	347013.15	4756775.20	151.50
464	15-1-39.11	Non-Participating	Other	1.50	346953.72	4756818.92	151.50
465	15-1-31.12	Non-Participating	Other	1.50	347072.51	4756840.73	151.50
466	15-1-38	Non-Participating	Other	1.50	346949.68	4756830.56	151.50
467	15-1-38	Non-Participating	Occupied Residence	1.50	346957.23	4756843.81	151.50
468	15-1-39.2	Non-Participating	Occupied Residence	1.50	346961.55	4756701.61	151.50
469	15-1-39.12	Non-Participating	Occupied Residence	1.50	346920.15	4756765.69	151.50
470	15-1-53.2	Non-Participating	Occupied Residence	1.50	347014.45	4756650.09	151.50
471	15-1-48	Non-Participating	Occupied Residence	1.50	346970.46	4756641.49	151.50
472	15-1-48	Non-Participating	Other	1.50	346973.97	4756666.07	151.50
473	15-1-48	Non-Participating	Other	1.50	346960.27	4756666.03	151.50
474	15-1-31.111	Non-Participating	Occupied Residence	1.50	347015.82	4756529.25	151.50
475	15-1-31.111	Non-Participating	Other	1.50	347014.28	4756511.93	151.50
476	16-1-03.112	Non-Participating	Occupied Residence	1.50	347005.28	4756377.71	151.50
477	16-1-74.1	Non-Participating	Occupied Residence	1.50	347073.65	4756357.53	151.50
478	16-1-75	Non-Participating	Other	1.50	347017.73	4756325.28	151.50
479	16-1-74.1	Non-Participating	Other	1.50	347083.94	4756324.61	151.50
480	16-1-75	Non-Participating	Other	1.50	346989.18	4756319.19	151.50
481	16-1-75	Non-Participating	Occupied Residence	1.50	347019.94	4756308.48	151.50
482	16-1-03.12	Non-Participating	Occupied Residence	1.50	347169.18	4756279.77	151.50
483	16-1-03.12	Non-Participating	Other	1.50	347154.60	4756312.38	151.50
484	16-1-73	Non-Participating	Other	1.50	346968.34	4756205.45	151.50
485	16-1-73	Non-Participating	Occupied Residence	1.50	347016.30	4756228.89	151.50
486	16-1-03.3	Non-Participating	Occupied Residence	1.50	347088.40	4756084.47	153.48
487	16-1-03.3	Non-Participating	Occupied Residence	1.50	347160.04	4756091.04	151.71
488	16-1-04	Non-Participating	Occupied Residence	1.50	347176.15	4755976.91	151.50
489	16-1-05	Non-Participating	Occupied Residence	1.50	347241.36	4755981.47	151.50
490	16-1-05	Non-Participating	Occupied Residence	1.50	347235.44	4756070.75	151.27
491	16-1-03.3	Non-Participating	Other	1.50	347087.55	4756055.27	152.25
492	16-1-07	Non-Participating	Other	1.50	347240.78	4756079.78	151.17
493	16-1-04	Non-Participating	Other	1.50	347168.83	4756008.40	151.50
494	16-1-03.2	Non-Participating	Occupied Residence	1.50	347176.25	4756030.78	151.50
495	16-1-04	Non-Participating	Other	1.50	347148.75	4755895.26	151.50
496	16-1-30.2	Non-Participating	Occupied Residence	1.50	347156.25	4755634.15	148.50
497	16-1-30.12	Non-Participating	Occupied Residence	1.50	347146.49	4755581.55	148.50
498	16-1-30.12	Non-Participating	Other	1.50	347136.66	4755555.83	148.50
499	16-1-46.2	Non-Participating	Other	1.50	347149.21	4755240.94	148.50
500	16-1-46.1	Non-Participating	Occupied Residence	1.50	347162.32	4755274.48	148.50
501	16-1-46.2	Non-Participating	Occupied Residence	1.50	347164.81	4755229.39	148.50
502	16-1-44.12	Non-Participating	Occupied Residence	1.50	347163.47	4755174.03	148.50
503	16-1-45	Non-Participating	Occupied Residence	1.50	347201.38	4755070.15	148.50
504	16-1-45	Non-Participating	Other	1.50	347198.36	4755087.85	148.50
505	16-1-44.12	Non-Participating	Other	1.50	347139.80	4755153.96	148.50
506	16-1-44.2	Non-Participating	Other	1.50	347103.94	4755080.43	148.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
507	16-1-44.2	Non-Participating	Occupied Residence	1.50	347084.71	4755083.13	148.50
508	16-1-40	Non-Participating	Occupied Residence	1.50	347347.94	4754602.15	148.50
509	16-1-40	Non-Participating	Other	1.50	347350.43	4754630.54	148.50
510	16-1-52	Non-Participating	Other	1.50	347322.58	4754671.97	148.50
511	15-1-22	Non-Participating	Commercial	1.50	344401.54	4754320.87	157.50
512	15-1-22	Non-Participating	Occupied Residence	1.50	344404.92	4754273.26	157.50
513	18-1-04.2	Non-Participating	Occupied Residence	1.50	344387.12	4754211.77	157.50
514	18-1-05.111	Non-Participating	Occupied Residence	1.50	344471.29	4754186.89	156.45
515	18-1-05.111	Non-Participating	Other	1.50	344450.74	4754181.09	156.52
516	18-1-04.2	Non-Participating	Other	1.50	344400.70	4754200.58	157.40
517	18-1-04.1	Non-Participating	Occupied Residence	1.50	344099.18	4754172.97	154.50
518	18-1-02.2	Non-Participating	Occupied Residence	1.50	343535.74	4754428.47	154.50
519	18-1-01.12	Non-Participating	Occupied Residence	1.50	343457.04	4754466.09	154.50
520	15-1-24.21	Non-Participating	Occupied Residence	1.50	343443.38	4754574.30	154.50
521	15-1-23	Non-Participating	Occupied Residence	1.50	343707.60	4754439.03	154.50
522	15-1-23	Non-Participating	Other	1.50	343632.81	4754457.08	154.50
523	15-1-23	Non-Participating	Other	1.50	343666.72	4754439.80	154.50
524	15-1-23	Non-Participating	Commercial	1.50	343689.55	4754490.72	152.29
525	15-1-40	Non-Participating	Occupied Residence	1.50	343338.42	4754581.03	154.50
526	15-1-42	Non-Participating	Occupied Residence	1.50	343277.64	4754585.97	156.15
527	15-1-43	Non-Participating	Occupied Residence	1.50	343244.44	4754590.40	156.76
528	15-1-44.1	Non-Participating	Occupied Residence	1.50	343215.99	4754594.74	157.49
529	15-1-44.1	Non-Participating	Other	1.50	343205.32	4754634.41	156.54
530	15-1-36	Non-Participating	Other	1.50	343149.67	4754608.36	158.42
531	15-1-42	Non-Participating	Other	1.50	343280.08	4754690.07	154.50
532	15-1-43	Non-Participating	Other	1.50	343245.41	4754692.62	154.50
533	15-1-44.1	Non-Participating	Other	1.50	343209.96	4754703.75	154.95
534	15-1-36	Non-Participating	Occupied Residence	1.50	343124.87	4754604.54	159.98
535	15-1-25.12	Non-Participating	Occupied Residence	1.50	343084.09	4754610.54	160.50
536	15-1-39	Non-Participating	Occupied Residence	1.50	343071.82	4754640.73	160.50
537	15-1-38	Non-Participating	Occupied Residence	1.50	343071.06	4754675.93	159.48
538	15-1-25.112	Non-Participating	Occupied Residence	1.50	343074.43	4754703.45	158.24
539	14-1-26.1	Non-Participating	Occupied Residence	1.50	343012.65	4754629.48	160.50
540	14-1-26.211	Non-Participating	Occupied Residence	1.50	343009.26	4754702.30	158.16
541	17-1-09.5	Non-Participating	Occupied Residence	1.50	343013.80	4754539.11	163.50
542	17-1-09.4	Non-Participating	Occupied Residence	1.50	343016.27	4754468.21	162.44
543	17-1-09.3	Non-Participating	Occupied Residence	1.50	343016.09	4754408.30	160.73
544	18-1-01.111	Non-Participating	Occupied Residence	1.50	343097.49	4754362.54	160.50
545	17-1-09.2	Non-Participating	Occupied Residence	1.50	343027.72	4754318.68	159.23
546	17-1-09.1	Non-Participating	Occupied Residence	1.50	343034.93	4754222.02	156.07
547	17-1-09.3	Non-Participating	Other	1.50	343029.50	4754388.07	160.50
548	18-1-01.111	Non-Participating	Other	1.50	343117.15	4754320.33	160.50
549	18-1-63.12	Non-Participating	Other	1.50	343220.98	4754152.42	157.50
550	18-1-63.112	Non-Participating	Other	1.50	343168.54	4754094.91	156.24
551	18-1-63.2	Non-Participating	Occupied Residence	1.50	343162.81	4754144.48	157.50
552	18-1-63.112	Non-Participating	Occupied Residence	1.50	343149.95	4754092.41	155.93

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
553	18-1-63.112	Non-Participating	Commercial	1.50	343176.17	4754070.99	155.60
554	18-1-63.111	Non-Participating	Occupied Residence	1.50	343236.24	4753927.68	154.50
555	18-1-62	Non-Participating	Occupied Residence	1.50	343297.72	4753758.19	154.50
556	18-1-63.111	Non-Participating	Commercial	1.50	343305.71	4753937.67	156.19
557	18-1-62	Non-Participating	Other	1.50	343320.65	4753763.46	154.50
558	18-1-62	Non-Participating	Other	1.50	343327.39	4753742.89	154.50
559	17-1-13.2	Non-Participating	Other	1.50	343270.44	4753673.11	149.59
560	17-1-13.2	Non-Participating	Occupied Residence	1.50	343275.30	4753653.05	148.89
561	17-1-13.3	Non-Participating	Occupied Residence	1.50	343310.55	4753606.26	148.50
562	17-1-13.4	Non-Participating	Occupied Residence	1.50	343098.49	4753657.80	147.68
563	17-1-12	Non-Participating	Occupied Residence	1.50	343140.65	4753791.71	151.50
564	17-1-12	Non-Participating	Commercial	1.50	343121.12	4753820.99	151.50
565	17-1-12	Non-Participating	Other	1.50	343115.80	4753781.23	150.29
566	17-1-12	Non-Participating	Other	1.50	343116.15	4753767.52	149.88
567	17-1-12	Non-Participating	Other	1.50	343095.80	4753736.86	148.50
568	17-1-12	Non-Participating	Other	1.50	343094.73	4753745.10	148.50
569	17-1-71.2	Non-Participating	Other	1.50	343158.43	4753507.44	145.50
570	17-1-71.2	Non-Participating	Occupied Residence	1.50	343124.05	4753523.91	145.50
571	17-1-71.1	Non-Participating	Occupied Residence	1.50	343063.67	4753517.74	145.50
572	17-1-71.1	Non-Participating	Other	1.50	343088.89	4753515.44	145.50
573	17-1-71.1	Non-Participating	Other	1.50	343045.01	4753512.61	145.50
574	17-1-15.2	Non-Participating	Occupied Residence	1.50	342820.57	4753504.67	145.50
575	17-1-66	Non-Participating	Occupied Residence	1.50	342754.14	4753500.13	145.50
576	17-1-67.2	Non-Participating	Occupied Residence	1.50	342682.28	4753482.31	145.50
577	17-1-67.1	Non-Participating	Occupied Residence	1.50	342609.58	4753500.42	145.50
578	17-1-67.1	Non-Participating	Other	1.50	342634.16	4753480.18	145.50
579	17-1-15.122	Non-Participating	Other	1.50	342522.08	4753475.59	145.50
580	17-1-15.122	Non-Participating	Other	1.50	342514.53	4753494.91	145.50
581	17-1-15.122	Non-Participating	Occupied Residence	1.50	342502.20	4753486.62	145.50
582	17-1-58.2	Non-Participating	Occupied Residence	1.50	342445.78	4753561.33	145.50
583	17-1-58.12	Non-Participating	Occupied Residence	1.50	342399.55	4753578.94	145.50
584	17-1-58.12	Non-Participating	Other	1.50	342381.91	4753601.69	145.50
585	17-1-15.112	Non-Participating	Other	1.50	342514.83	4753168.41	145.50
586	17-1-15.112	Non-Participating	Occupied Residence	1.50	342514.18	4753209.47	145.50
587	17-1-57.2	Non-Participating	Occupied Residence	1.50	342310.40	4753788.46	148.50
588	17-1-57.2	Non-Participating	Other	1.50	342283.37	4753805.95	148.50
589	17-1-57.4	Non-Participating	Other	1.50	342120.26	4753688.24	146.63
590	17-1-57.4	Non-Participating	Occupied Residence	1.50	342058.63	4753764.04	148.45
591	17-1-57.4	Non-Participating	Occupied Residence	1.50	342071.04	4753733.31	147.28
592	17-1-54.1	Non-Participating	Occupied Residence	1.50	341356.23	4753705.45	148.50
593	17-1-54.2	Non-Participating	Occupied Residence	1.50	341309.23	4753739.84	148.50
594	17-1-22.11	Non-Participating	Occupied Residence	1.50	341439.04	4753643.03	147.01
595	17-1-22.122	Non-Participating	Occupied Residence	1.50	341399.75	4753636.22	147.30
596	17-1-22.2	Non-Participating	Other	1.50	341480.12	4753622.44	146.50
597	17-1-80	Non-Participating	Other	1.50	341391.40	4753593.61	145.98
598	17-1-22.2	Non-Participating	Occupied Residence	1.50	341470.67	4753649.79	146.95

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
599	17-1-22.121	Non-Participating	Occupied Residence	1.50	341337.30	4753510.68	145.50
600	17-1-76	Non-Participating	Occupied Residence	1.50	341338.75	4753459.32	145.50
601	17-1-25.22	Non-Participating	Occupied Residence	1.50	341438.06	4753473.45	145.50
602	17-1-25.21	Non-Participating	Occupied Residence	1.50	341444.86	4753401.76	145.50
603	17-1-25.112	Non-Participating	Occupied Residence	1.50	341442.14	4753337.49	145.50
604	17-1-75	Non-Participating	Occupied Residence	1.50	341351.81	4753334.96	145.50
605	17-1-25.22	Non-Participating	Other	1.50	341433.02	4753494.69	145.50
606	17-1-25.21	Non-Participating	Other	1.50	341440.92	4753417.23	145.50
607	17-1-75	Non-Participating	Other	1.50	341354.39	4753359.98	145.50
608	17-1-25.111	Non-Participating	Other	1.50	341406.24	4753242.75	145.50
609	17-1-25.12	Non-Participating	Occupied Residence	1.50	341379.72	4753277.97	145.50
610	17-1-21	Non-Participating	Occupied Residence	1.50	341257.60	4753624.21	145.84
611	17-1-19.4	Non-Participating	Occupied Residence	1.50	341194.60	4753614.22	145.50
612	17-1-51	Non-Participating	Occupied Residence	1.50	341196.00	4753672.48	146.23
613	17-1-51	Non-Participating	Other	1.50	341211.46	4753675.51	146.46
614	17-1-21	Non-Participating	Other	1.50	341247.15	4753614.44	145.62
615	17-1-19.4	Non-Participating	Other	1.50	341224.27	4753617.89	145.58
616	17-1-73	Non-Participating	Occupied Residence	1.50	341302.01	4753641.19	146.25
617	17-1-08.12	Non-Participating	Occupied Residence	1.50	342040.12	4753992.66	148.50
618	17-1-08.112	Non-Participating	Other	1.50	342037.80	4754019.59	148.50
619	17-1-08.2	Participating	Uninhabitable Structure	1.50	341999.71	4754243.74	149.28
620	17-1-08.4	Non-Participating	Other	1.50	342038.39	4754522.85	157.50
621	17-1-07.2	Non-Participating	Other	1.50	341928.42	4754529.25	157.49
622	17-1-08.4	Non-Participating	Occupied Residence	1.50	342014.30	4754532.55	157.50
623	17-1-07.2	Non-Participating	Occupied Residence	1.50	341943.75	4754530.12	157.50
624	14-1-27.2	Non-Participating	Occupied Residence	1.50	342047.98	4754920.00	160.50
625	14-1-27.1	Non-Participating	Other	1.50	342026.95	4754978.19	161.81
626	14-1-27.1	Non-Participating	Other	1.50	342067.63	4755028.89	162.56
627	17-1-09.13	Non-Participating	Other	1.50	342722.30	4754359.22	157.97
628	17-1-09.13	Non-Participating	Occupied Residence	1.50	342773.26	4754332.07	158.33
629	17-1-09.10	Non-Participating	Occupied Residence	1.50	342469.51	4754577.07	163.50
630	17-1-09.9	Non-Participating	Occupied Residence	1.50	342529.76	4754611.60	162.38
631	17-1-09.9	Non-Participating	Occupied Residence	1.50	342526.59	4754563.36	163.50
632	17-1-09.9	Non-Participating	Occupied Residence	1.50	342562.68	4754561.77	163.50
633	17-1-09.71	Non-Participating	Occupied Residence	1.50	342706.02	4754578.47	166.50
634	17-1-09.72	Non-Participating	Occupied Residence	1.50	342749.65	4754593.83	165.21
635	17-1-09.9	Non-Participating	Other	1.50	342628.45	4754555.66	164.01
636	17-1-09.9	Non-Participating	Occupied Residence	1.50	342644.76	4754516.63	164.11
637	17-1-09.9	Non-Participating	Other	1.50	342552.39	4754613.72	162.00
638	17-1-09.10	Non-Participating	Other	1.50	342484.80	4754584.08	163.50
639	17-1-09.9	Non-Participating	Other	1.50	342589.52	4754559.86	163.50
640	14-1-26.212	Non-Participating	Other	1.50	342885.36	4754674.89	160.65
641	14-1-26.22	Non-Participating	Other	1.50	342915.65	4754677.48	160.50
642	14-1-26.212	Non-Participating	Other	1.50	342899.92	4754705.31	160.50
643	17-1-09.11	Non-Participating	Other	1.50	342936.44	4754582.73	163.27
644	17-1-09.6	Non-Participating	Other	1.50	342902.91	4754552.21	163.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
645	14-1-25.2	Non-Participating	Occupied Residence	1.50	342719.56	4754729.91	166.50
646	14-1-26.212	Non-Participating	Occupied Residence	1.50	342887.16	4754714.91	160.50
647	14-1-26.22	Non-Participating	Occupied Residence	1.50	342939.94	4754694.55	160.50
648	17-1-09.6	Non-Participating	Occupied Residence	1.50	342891.40	4754571.80	163.50
649	17-1-09.11	Non-Participating	Occupied Residence	1.50	342952.70	4754559.09	163.50
650	15-1-27.12	Non-Participating	Occupied Residence	1.50	343116.86	4754885.43	157.34
651	15-1-27.12	Non-Participating	Other	1.50	343117.64	4754854.71	157.50
652	15-1-27.21	Non-Participating	Other	1.50	343126.59	4755042.36	157.50
653	15-1-27.21	Non-Participating	Occupied Residence	1.50	343141.72	4755054.71	157.22
654	15-1-27.21	Non-Participating	Other	1.50	343167.07	4755010.44	155.42
655	14-1-24	Non-Participating	Other	1.50	342965.10	4755217.41	165.43
656	14-1-24	Non-Participating	Other	1.50	342995.24	4755211.87	161.93
657	14-1-24	Non-Participating	Other	1.50	342994.32	4755186.61	163.43
658	14-1-24	Non-Participating	Occupied Residence	1.50	343029.48	4755184.14	160.50
659	14-1-23.2	Non-Participating	Occupied Residence	1.50	342999.10	4755536.86	159.84
660	14-1-23.2	Non-Participating	Other	1.50	342963.36	4755508.64	161.12
661	15-1-47	Non-Participating	Occupied Residence	1.50	343103.77	4755523.33	154.50
662	15-1-30.22	Non-Participating	Occupied Residence	1.50	343081.29	4755633.55	154.50
663	15-1-30.21	Non-Participating	Occupied Residence	1.50	343078.86	4755673.18	154.50
664	15-1-30.22	Non-Participating	Other	1.50	343122.56	4755631.04	154.28
665	15-1-30.111	Non-Participating	Other	1.50	343119.14	4755740.90	151.50
666	15-1-30.111	Non-Participating	Other	1.50	343088.05	4755762.29	151.69
667	15-1-30.111	Non-Participating	Occupied Residence	1.50	343072.82	4755751.60	152.32
668	14-1-21	Non-Participating	Other	1.50	343017.28	4755917.05	151.66
669	15-1-30.121	Non-Participating	Other	1.50	343252.25	4755818.11	152.93
670	15-1-30.121	Non-Participating	Occupied Residence	1.50	343235.14	4755803.27	152.39
671	15-1-30.122	Non-Participating	Occupied Residence	1.50	343397.28	4755811.31	151.50
672	15-1-04.2	Non-Participating	Occupied Residence	1.50	343453.13	4755811.37	149.83
673	15-1-04.1	Participating	Occupied Residence	1.50	343714.10	4755880.53	154.28
674	15-1-04.1	Participating	Other	1.50	343738.10	4755835.87	154.32
675	15-1-03.2	Non-Participating	Commercial	1.50	343177.69	4756125.83	156.75
676	15-1-02	Non-Participating	Occupied Residence	1.50	343130.78	4756236.51	158.00
677	15-1-03.2	Non-Participating	Other	1.50	343182.49	4756198.89	157.50
678	14-1-17.11	Non-Participating	Occupied Residence	1.50	342725.94	4755775.42	158.00
679	14-1-17.2	Non-Participating	Commercial	1.50	342513.32	4755776.71	161.45
680	14-1-16	Non-Participating	Occupied Residence	1.50	342347.15	4755798.80	160.50
681	14-1-14	Non-Participating	Occupied Residence	1.50	342015.80	4756024.33	157.50
682	14-1-13.2	Non-Participating	Occupied Residence	1.50	341971.91	4756025.45	156.22
683	14-1-14	Non-Participating	Other	1.50	341984.88	4756008.44	156.44
684	14-1-13.112	Non-Participating	Occupied Residence	1.50	341895.31	4756054.63	154.78
685	14-1-12.111	Non-Participating	Occupied Residence	1.50	341976.47	4756114.35	157.50
686	14-1-69	Non-Participating	Occupied Residence	1.50	341925.51	4756139.30	156.61
687	14-1-13.111	Non-Participating	Occupied Residence	1.50	341842.41	4756053.60	155.42
688	14-1-13.12	Non-Participating	Occupied Residence	1.50	341811.69	4756079.03	156.37
689	14-1-11	Non-Participating	Other	1.50	341734.67	4756116.89	157.50
690	14-1-11	Non-Participating	Other	1.50	341753.78	4756118.84	157.21

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
691	14-1-11	Non-Participating	Other	1.50	341729.49	4756133.16	157.48
692	14-1-10	Non-Participating	Occupied Residence	1.50	341713.10	4756137.52	157.50
693	14-1-09	Non-Participating	Occupied Residence	1.50	341687.22	4756159.39	157.50
694	13-1-25.12	Non-Participating	Occupied Residence	1.50	341147.15	4756479.88	166.50
695	13-1-25.2	Non-Participating	Occupied Residence	1.50	340919.85	4756438.80	166.77
696	13-1-25.2	Non-Participating	Other	1.50	340910.09	4756372.24	160.97
697	14-1-06.2	Non-Participating	Other	1.50	340776.16	4756045.97	153.09
698	14-1-31.11	Non-Participating	Other	1.50	340780.47	4756039.04	153.26
699	14-1-06.2	Non-Participating	Occupied Residence	1.50	340777.11	4756057.04	153.07
700	14-1-70	Non-Participating	Occupied Residence	1.50	340833.15	4755929.69	154.50
701	14-1-70	Non-Participating	Other	1.50	340835.32	4755946.66	154.50
702	14-1-68.2	Non-Participating	Occupied Residence	1.50	340836.29	4755851.22	154.50
703	14-1-68.12	Non-Participating	Occupied Residence	1.50	340857.19	4755782.40	154.50
704	14-1-68.12	Non-Participating	Other	1.50	340867.79	4755756.13	154.50
705	14-1-45.1	Non-Participating	Other	1.50	340670.66	4755634.74	154.50
706	14-1-45.1	Non-Participating	Other	1.50	340685.90	4755692.24	154.50
707	14-1-07.112	Non-Participating	Other	1.50	340846.24	4755568.15	154.50
708	14-1-67	Non-Participating	Occupied Residence	1.50	340848.28	4755660.87	154.50
709	14-1-45.1	Non-Participating	Occupied Residence	1.50	340660.75	4755614.99	154.50
710	14-1-45.2	Non-Participating	Occupied Residence	1.50	340737.38	4755756.28	154.50
711	14-1-45.2	Non-Participating	Commercial	1.50	340736.32	4755699.96	154.50
712	14-1-07.112	Non-Participating	Occupied Residence	1.50	340853.24	4755586.80	154.50
713	14-1-07.22	Non-Participating	Occupied Residence	1.50	340895.37	4755476.50	154.50
714	14-1-51	Non-Participating	Occupied Residence	1.50	340657.34	4755479.54	154.50
715	14-1-51	Non-Participating	Other	1.50	340645.28	4755499.13	154.50
716	14-1-29	Non-Participating	Other	1.50	340713.17	4755375.62	151.50
717	14-1-47	Non-Participating	Occupied Residence	1.50	340835.69	4755406.83	152.66
718	14-1-49	Non-Participating	Occupied Residence	1.50	340799.51	4755400.70	151.50
719	14-1-31.2	Non-Participating	Occupied Residence	1.50	340483.07	4755418.55	154.50
720	14-1-31.2	Non-Participating	Commercial	1.50	340451.09	4755446.24	153.97
721	14-1-32.22	Non-Participating	Occupied Residence	1.50	340319.93	4755433.81	151.50
722	14-1-31.2	Non-Participating	Other	1.50	340442.81	4755342.10	152.95
723	14-1-46.22	Non-Participating	Commercial	1.50	341011.91	4755328.39	152.42
724	14-1-46.112	Non-Participating	Commercial	1.50	340950.52	4755259.91	151.50
725	14-1-46.112	Non-Participating	Occupied Residence	1.50	340947.58	4755303.31	151.50
726	14-1-46.12	Non-Participating	Occupied Residence	1.50	340845.43	4755264.20	151.50
727	14-1-07.21	Non-Participating	Occupied Residence	1.50	341021.28	4755411.72	154.50
728	14-1-07.21	Non-Participating	Other	1.50	341000.32	4755464.70	154.50
729	14-1-07.22	Non-Participating	Other	1.50	340895.76	4755512.61	154.50
730	14-1-62	Non-Participating	Commercial	1.50	341508.14	4755105.71	154.50
731	14-1-62	Non-Participating	Occupied Residence	1.50	341563.21	4755064.92	155.63
732	14-1-62	Non-Participating	Other	1.50	341588.89	4755019.34	156.18
733	13-1-09.12	Non-Participating	Other	1.50	341738.46	4757560.66	155.81
734	13-1-25.12	Non-Participating	Other	1.50	341269.04	4757418.53	158.07
735	13-1-03.1	Non-Participating	Occupied Residence	1.50	340587.65	4757842.10	161.08
736	13-1-03.1	Non-Participating	Occupied Residence	1.50	340601.22	4757800.76	162.73

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
737	13-1-03.1	Non-Participating	Occupied Residence	1.50	340641.07	4757822.97	160.50
738	13-1-03.1	Non-Participating	Occupied Residence	1.50	340655.45	4757824.51	159.83
739	13-1-03.1	Non-Participating	Occupied Residence	1.50	340564.51	4757808.55	163.03
740	13-1-03.1	Non-Participating	Occupied Residence	1.50	340572.27	4757811.57	162.23
741	13-1-03.1	Non-Participating	Occupied Residence	1.50	340592.35	4757810.89	161.70
742	13-1-03.1	Non-Participating	Occupied Residence	1.50	340548.18	4757847.68	160.50
743	13-1-03.1	Non-Participating	Occupied Residence	1.50	340531.28	4757872.77	159.60
744	13-1-03.1	Non-Participating	Occupied Residence	1.50	340561.92	4757727.17	163.50
745	13-1-03.1	Non-Participating	Occupied Residence	1.50	340565.12	4757712.61	163.50
746	13-1-03.1	Non-Participating	Occupied Residence	1.50	340581.48	4757730.88	163.50
747	13-1-03.1	Non-Participating	Occupied Residence	1.50	340582.38	4757714.86	163.50
748	13-1-03.1	Non-Participating	Occupied Residence	1.50	340599.16	4757731.61	163.50
749	13-1-03.1	Non-Participating	Occupied Residence	1.50	340414.94	4757837.76	165.54
750	13-1-03.1	Non-Participating	Occupied Residence	1.50	340540.49	4757864.59	160.30
751	13-1-03.1	Non-Participating	Occupied Residence	1.50	340512.81	4757846.83	160.28
752	13-1-03.1	Non-Participating	Occupied Residence	1.50	340475.37	4757879.87	159.89
753	13-1-03.1	Non-Participating	Occupied Residence	1.50	340548.00	4757645.56	163.50
754	15-1-32	Non-Participating	Other	1.50	344820.95	4755344.61	157.50
755	15-1-16.21	Non-Participating	Other	1.50	346999.10	4758167.47	154.50
756	15-1-28	Non-Participating	Other	1.50	347193.24	4757999.03	157.50
757	13-1-33	Non-Participating	Other	1.50	341894.97	4757765.80	151.50
758	13-1-10	Non-Participating	Other	1.50	341927.31	4757643.21	153.87
759	13-1-25.12	Non-Participating	Uninhabitable Structure	1.50	341249.85	4757443.23	157.33
760	13-1-21	Non-Participating	Other	1.50	342449.83	4757484.74	151.50
761	13-1-20.2	Non-Participating	Other	1.50	342709.19	4757464.30	151.72
762	14-1-27.1	Non-Participating	Other	1.50	345269.42	4757472.02	153.79
763	15-1-19.2	Non-Participating	Other	1.50	346384.56	4757646.17	151.50
764	15-1-18	Non-Participating	Other	1.50	346233.13	4757645.86	151.50
765		Non-Participating	Other	1.50	345619.15	4757505.94	154.50
766	15-1-01.12	Non-Participating	Other	1.50	345620.75	4757514.18	154.50
767	13-1-17.12	Non-Participating	Utility	1.50	342740.84	4757544.57	152.48
768	13-1-13	Non-Participating	Occupied Residence	1.50	342341.76	4757532.57	151.50
769	13-1-16	Non-Participating	Occupied Residence	1.50	342421.20	4757565.13	151.50
770	13-1-16	Non-Participating	Occupied Residence	1.50	342405.20	4757602.83	151.50
771	13-1-09.222	Non-Participating	Other	1.50	341908.40	4757521.29	153.88
772	14-1-70	Non-Participating	Other	1.50	340833.17	4755954.35	154.50
773	14-1-07.111	Non-Participating	Occupied Residence	1.50	340838.73	4756118.86	157.50
774	14-1-07.111	Non-Participating	Other	1.50	340829.31	4756092.20	157.00
775	13-1-25.12	Non-Participating	Other	1.50	341171.25	4756511.57	167.26
776	14-1-21	Non-Participating	Other	1.50	343015.51	4755881.21	151.99
777	14-1-25.2	Non-Participating	Other	1.50	342688.28	4754728.04	166.50
778	14-1-49	Non-Participating	Other	1.50	340812.65	4755409.48	152.01
779	17-1-56.2	Non-Participating	Occupied Residence	1.50	341991.63	4753808.58	148.50
780	17-1-56.1	Non-Participating	Occupied Residence	1.50	341995.29	4753754.84	148.50
781	17-1-16.2	Non-Participating	Occupied Residence	1.50	341915.36	4753696.61	148.50
782	17-1-13.1	Non-Participating	Other	1.50	343185.49	4753598.52	146.55

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
783	18-1-01.2	Non-Participating	Occupied Residence	1.50	343136.45	4754230.03	158.90
784	18-1-01.2	Non-Participating	Other	1.50	343133.73	4754238.59	159.22
785	15-1-31.2	Non-Participating	Historic	1.50	344693.09	4755824.20	160.50
786	15-1-30.122	Non-Participating	Other	1.50	343374.22	4755807.38	151.50
787	15-1-30.111	Non-Participating	Other	1.50	343098.16	4755736.44	152.18
788	14-1-12	Non-Participating	Uninhabitable Structure	1.50	344916.20	4756492.93	164.06
789	15-1-23	Non-Participating	Other	1.50	343667.15	4754449.36	154.50
790	15-1-24.21	Non-Participating	Other	1.50	343425.24	4754582.98	154.50
791	15-1-40	Non-Participating	Other	1.50	343348.42	4754596.74	154.50
792	15-1-16	Non-Participating	Other	1.50	344976.12	4754156.33	157.50
793	18-1-17.112	Non-Participating	Commercial	1.50	346361.62	4753669.49	152.61
794	19-1-01.22	Non-Participating	Other	1.50	346215.70	4753868.42	152.59
795	15-1-37	Non-Participating	Occupied Residence	1.50	346048.12	4755138.23	151.50
796	15-1-46	Non-Participating	Utility	1.50	346091.44	4756431.83	154.50
797	15-1-31.4	Non-Participating	Occupied Residence	1.50	347128.91	4756626.62	151.30
798		Non-Participating	Other	1.50	346590.78	4757945.43	154.50
799	14-1-26.211	Non-Participating	Other	1.50	343028.15	4754728.02	157.50
800	12-1-21.2	Non-Participating	Other	1.50	346560.55	4759087.19	157.24
801	15-1-07.212	Non-Participating	Commercial	1.50	344887.83	4755443.55	157.15
802	10-1-24	Non-Participating	Other	1.50	341960.36	4757921.51	154.50
803	15-1-31.4	Non-Participating	Occupied Residence	1.50	346999.39	4756624.60	151.50
804	15-1-05.11	Non-Participating	Other	1.50	344778.32	4755968.46	157.50
805	15-1-33	Non-Participating	Other	1.50	347215.74	4757214.36	151.50
806	14-1-19	Non-Participating	Uninhabitable Structure	1.50	344769.59	4757445.31	165.90
807	15-1-31.2	Non-Participating	Uninhabitable Structure	1.50	346975.95	4756520.99	151.50
808	15-1-31.2	Non-Participating	Uninhabitable Structure	1.50	346930.53	4756555.85	151.50
809	18-1-09.111	Non-Participating	Other	1.50	345381.83	4753962.44	151.50
810	15-1-44.1	Non-Participating	Other	1.50	343198.94	4754611.08	157.44
811	17-1-58.2	Non-Participating	Other	1.50	342424.18	4753570.35	145.50
812	19-1-01.1	Non-Participating	Other	1.50	346187.91	4753837.51	151.50
813	12-1-03.22	Non-Participating	Commercial	1.50	346546.98	4758834.43	156.22
814	13-1-16	Non-Participating	Uninhabitable Structure	1.50	342399.89	4757641.84	151.50
815	16-1-29.22	Non-Participating	Other	1.50	346125.13	4755075.12	151.13
816	17-1-17.12	Non-Participating	Other	1.50	341830.75	4753671.91	148.22
817	16-1-80	Non-Participating	Utility	1.50	347166.99	4756157.66	151.50
818	15-1-20	Non-Participating	Historic	1.50	346451.19	4757670.61	151.50
819	15-1-28	Non-Participating	Uninhabitable Structure	1.50	343062.64	4755286.86	157.72
820	17-1-54.1	Non-Participating	Other	1.50	341346.10	4753720.11	148.50
821	13-1-23.2	Non-Participating	Commercial	1.50	341926.97	4757423.64	154.50
822	17-1-15.112	Non-Participating	Other	1.50	342525.39	4753212.23	145.50
823	17-1-13.3	Non-Participating	Other	1.50	343304.28	4753626.84	148.63
824	14-1-13.111	Non-Participating	Occupied Residence	1.50	341834.55	4756040.70	155.62
825	14-1-27.1	Non-Participating	Commercial	1.50	345291.08	4757402.51	154.50
826	16-1-69.1	Non-Participating	Other	1.50	346235.86	4754365.28	150.86
827	12-1-03.1	Non-Participating	Other	1.50	346508.30	4758811.52	157.42
828	15-1-31.2	Non-Participating	Uninhabitable Structure	1.50	346948.28	4756514.99	151.50

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

Receptor ID	Tax Code	Participation Status	Receptor Category	Relative Receptor Height	Coordinates UTM NAD83 Zone 18N (meters)		Elevation + Receptor Height
					X	Y	Z
				(m)	(m)	(m)	(m)
829	14-1-22	Non-Participating	Other	1.50	343214.50	4757476.11	151.50
830	17-1-15.122	Non-Participating	Other	1.50	342507.31	4753472.64	145.50
831	15-1-31.2	Non-Participating	Uninhabitable Structure	1.50	346937.14	4756538.50	151.50
832	15-1-20	Non-Participating	Other	1.50	344873.42	4754824.40	157.50
833	15-1-44.1	Non-Participating	Other	1.50	343198.05	4754594.31	157.50
834	17-1-07.2	Non-Participating	Other	1.50	341905.30	4754497.71	156.45
835	16-1-29.111	Non-Participating	Other	1.50	346234.58	4754278.54	152.01
836	16-1-70	Non-Participating	Other	1.50	346205.15	4754187.10	154.33
837	15-1-29.1	Non-Participating	Other	1.50	347476.47	4756891.71	151.50
838	18-1-14.21	Non-Participating	Uninhabitable Structure	1.50	346127.92	4753758.30	148.78
839		Non-Participating	Utility	1.50	346422.36	4757581.45	151.50
840	17-1-07.2	Non-Participating	Other	1.50	341920.92	4754525.63	157.38
841		Non-Participating	Other	1.50	347052.30	4757300.43	151.50
842	14-1-27.1	Non-Participating	Commercial	1.50	345264.92	4757436.12	154.21
843	14-1-46.12	Non-Participating	Other	1.50	340892.20	4755376.16	151.50
844	13-1-20.2	Non-Participating	Uninhabitable Structure	1.50	342674.53	4757479.00	151.50
845	19-1-01.211	Non-Participating	Other	1.50	346243.64	4753954.96	154.50
846	17-1-17.12	Non-Participating	Occupied Residence	1.50	341816.71	4753682.42	147.95
847	13-1-23.2	Non-Participating	Other	1.50	341938.04	4757436.69	154.50
848	15-1-31.112	Non-Participating	Occupied Residence	1.50	344521.10	4755803.04	156.24
849	15-1-11.22	Non-Participating	Utility	1.50	346581.75	4758466.87	157.02
850	13-1-09.112	Non-Participating	Other	1.50	341952.29	4757928.29	154.50
851	10-1-24	Non-Participating	Other	1.50	341963.42	4757925.83	154.50
852	16-1-03.12	Non-Participating	Other	1.50	347136.35	4756355.44	151.50
853	15-1-31.2	Non-Participating	Uninhabitable Structure	1.50	346972.72	4756556.66	151.50
854	14-1-13.112	Non-Participating	Other	1.50	341886.09	4756030.29	154.50
855	14-1-13.111	Non-Participating	Occupied Residence	1.50	341824.01	4755997.41	155.16
856	14-1-07.22	Non-Participating	Other	1.50	340887.24	4755528.58	154.50
857	12-1-21.122	Non-Participating	Other	1.50	346523.43	4759147.96	158.31
858	17-1-51	Non-Participating	Other	1.50	341207.48	4753685.20	146.58
859	15-1-31.12	Non-Participating	Other	1.50	347059.98	4756830.44	151.50
860	18-1-09.111	Non-Participating	Other	1.50	345392.09	4753943.33	151.07
861	14-1-29	Non-Participating	Uninhabitable Structure	1.50	340698.42	4755387.56	151.50
862	17-1-15.112	Non-Participating	Other	1.50	342516.13	4753189.08	145.50
863	15-1-05.111	Non-Participating	Other	1.50	346540.48	4757849.85	152.88
864	15-1-09	Non-Participating	Other	1.50	346527.02	4758297.68	154.50
865	17-1-09.2	Non-Participating	Other	1.50	343055.84	4754293.75	158.62

Ambient Pre-Construction Sound Level Measurement Program

North Seneca Solar Project

PRE-CONSTRUCTION SOUND LEVEL MEASUREMENT PROGRAM



Prepared for:

North Seneca Solar, LLC
422 Admiral Blvd Kansas
City, MO 64106

January 19, 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 NYS Office of Renewable Energy (ORES) Section 94-c Section 900-2.8(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 solar 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 four (4) locations for approximately nine (9) days which is well beyond the minimum requirement of four (4) days for a solar facility in the Section 94-c 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	42.9290°	-76.9288°
Location 2	42.9457°	-76.9239°
Location 3	42.9235°	-76.8947°
Location 4	42.9235°	-76.8964°