

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000	
1	Residence	Non-Participating	535351.08	4750325.96	0	1	7	7	0	0	0	0	0	0	
2	Residence	Non-Participating	541261.73	4744205.18	11	11	17	19	12	11	1	0	0	0	
3	Residence	Non-Participating	535888.98	4750904.53	0	1	6	6	0	0	0	0	0	0	
4	Residence	Non-Participating	535850.48	4750922.48	0	1	6	6	0	0	0	0	0	0	
5	Residence	Non-Participating	535375.19	4750322.66	0	1	7	7	0	0	0	0	0	0	
6	Residence	Non-Participating	535572.60	4750043.28	0	2	7	7	0	0	0	0	0	0	
7	Residence	Non-Participating	535397.27	4750315.21	0	1	7	7	0	0	0	0	0	0	
8	Residence	Non-Participating	535641.29	4750027.00	0	2	7	7	0	0	0	0	0	0	
9	Residence	Non-Participating	535590.08	4750042.32	0	2	7	7	0	0	0	0	0	0	
10	Residence	Non-Participating	535684.95	4750024.60	0	2	7	7	0	0	0	0	0	0	
11	Residence	Non-Participating	535735.39	4750016.00	0	2	7	8	0	0	0	0	0	0	
12	Residence	Non-Participating	535416.79	4750316.17	0	1	7	7	0	0	0	0	0	0	
13	Residence	Non-Participating	535553.23	4750037.01	0	2	7	7	0	0	0	0	0	0	
14	Residence	Non-Participating	535432.57	4750313.03	0	1	7	7	0	0	0	0	0	0	
15	Residence	Non-Participating	535599.89	4749922.30	0	2	7	7	0	0	0	0	0	0	
16	Residence	Non-Participating	535445.11	4750309.40	0	1	7	7	0	0	0	0	0	0	
17	Residence	Non-Participating	535465.72	4750307.43	0	1	7	7	0	0	0	0	0	0	
18	Residence	Non-Participating	535481.41	4750306.82	0	1	7	7	0	0	0	0	0	0	
19	Residence	Non-Participating	535494.88	4750297.01	0	1	7	7	0	0	0	0	0	0	
20	Residence	Non-Participating	535325.17	4750287.73	0	1	7	7	0	0	0	0	0	0	
21	Residence	Non-Participating	535319.15	4750267.24	0	1	7	7	0	0	0	0	0	0	
22	Residence	Non-Participating	535347.52	4750264.81	0	1	7	7	0	0	0	0	0	0	
23	Residence	Non-Participating	535368.55	4750266.90	0	1	7	7	0	0	0	0	0	0	
24	Residence	Non-Participating	535405.29	4750268.32	0	1	7	7	0	0	0	0	0	0	
25	Residence	Non-Participating	535426.27	4750267.00	0	1	7	7	0	0	0	0	0	0	
26	Residence	Non-Participating	535443.19	4750265.42	0	1	7	7	0	0	0	0	0	0	
27	Residence	Non-Participating	535454.98	4750263.88	0	1	7	7	0	0	0	0	0	0	
28	Residence	Non-Participating	535475.90	4750260.58	0	1	7	7	0	0	0	0	0	0	
29	Residence	Non-Participating	535489.11	4750261.09	0	1	7	7	0	0	0	0	0	0	
30	Residence	Non-Participating	535514.35	4750258.89	0	1	7	7	0	0	0	0	0	0	
31	Residence	Non-Participating	535525.71	4750293.02	0	1	7	7	0	0	0	0	0	0	
32	Residence	Non-Participating	535538.24	4750293.52	0	1	7	7	0	0	0	0	0	0	
33	Residence	Non-Participating	535556.37	4750290.01	0	1	7	7	0	0	0	0	0	0	
34	Residence	Non-Participating	535599.02	4750267.76	0	1	7	7	0	0	0	0	0	0	
35	Residence	Non-Participating	535569.34	4750285.24	0	1	7	7	0	0	0	0	0	0	
36	Residence	Non-Participating	535551.76	4750257.86	0	1	7	7	0	0	0	0	0	0	
37	Residence	Non-Participating	535290.18	4750230.94	0	1	7	7	0	0	0	0	0	0	
38	Residence	Non-Participating	535308.54	4750236.21	0	1	7	7	0	0	0	0	0	0	
39	Residence	Non-Participating	535346.67	4750233.69	0	1	7	7	0	0	0	0	0	0	
40	Residence	Non-Participating	535374.50	4750209.16	0	1	7	7	0	0	0	0	0	0	
41	Residence	Non-Participating	535407.20	4750220.21	0	1	7	7	0	0	0	0	0	0	
42	Residence	Non-Participating	535424.15	4750223.78	0	1	7	7	0	0	0	0	0	0	
43	Residence	Non-Participating	535439.52	4750222.81	0	1	7	7	0	0	0	0	0	0	
44	Residence	Non-Participating	535456.61	4750206.61	0	1	7	7	0	0	0	0	0	0	

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
45	Residence	Non-Participating	535485.86	4750210.08	0	1	7	7	0	0	0	0	0	0
46	Residence	Non-Participating	535502.19	4750232.03	0	1	7	7	0	0	0	0	0	0
47	Residence	Non-Participating	535518.12	4750232.45	0	1	7	7	0	0	0	0	0	0
48	Residence	Non-Participating	535525.65	4750210.71	0	1	7	7	0	0	0	0	0	0
49	Residence	Non-Participating	535531.47	4750161.98	0	1	7	7	0	0	0	0	0	0
50	Residence	Non-Participating	535516.69	4750156.83	0	1	7	7	0	0	0	0	0	0
51	Residence	Non-Participating	535502.34	4750144.85	0	1	7	7	0	0	0	0	0	0
52	Residence	Non-Participating	535489.21	4750146.11	0	1	7	7	0	0	0	0	0	0
53	Residence	Non-Participating	535452.72	4750145.88	0	1	7	7	0	0	0	0	0	0
54	Residence	Non-Participating	535414.66	4750145.97	0	1	7	7	0	0	0	0	0	0
55	Residence	Non-Participating	535397.42	4750150.87	0	1	7	7	0	0	0	0	0	0
56	Residence	Non-Participating	535359.88	4750149.92	0	1	7	7	0	0	0	0	0	0
57	Residence	Non-Participating	535339.85	4750150.80	0	1	7	7	0	0	0	0	0	0
58	Residence	Non-Participating	535311.11	4750151.22	0	1	7	7	0	0	0	0	0	0
59	Residence	Non-Participating	535328.05	4750175.11	0	1	7	7	0	0	0	0	0	0
60	Residence	Non-Participating	535306.13	4750166.25	0	1	7	7	0	0	0	0	0	0
61	Residence	Non-Participating	535276.07	4750128.84	0	1	7	7	0	0	0	0	0	0
62	Residence	Non-Participating	535279.24	4750104.28	0	1	7	7	0	0	0	0	0	0
63	Residence	Non-Participating	535279.45	4750081.03	0	1	7	7	0	0	0	0	0	0
64	Residence	Non-Participating	535285.24	4750037.14	0	1	7	7	0	0	0	0	0	0
65	Residence	Non-Participating	535314.22	4750123.94	0	1	7	7	0	0	0	0	0	0
66	Residence	Non-Participating	535318.53	4750106.96	0	1	7	7	0	0	0	0	0	0
67	Residence	Non-Participating	535349.12	4750119.44	0	1	7	7	0	0	0	0	0	0
68	Residence	Non-Participating	535334.06	4750066.12	0	1	7	7	0	0	0	0	0	0
69	Residence	Non-Participating	535389.31	4750119.30	0	1	7	7	0	0	0	0	0	0
70	Residence	Non-Participating	535410.06	4750115.94	0	1	7	7	0	0	0	0	0	0
71	Residence	Non-Participating	535449.46	4750109.42	0	1	7	7	0	0	0	0	0	0
72	Residence	Non-Participating	535481.96	4750113.72	0	1	7	7	0	0	0	0	0	0
73	Residence	Non-Participating	535496.55	4750113.79	0	1	7	7	0	0	0	0	0	0
74	Residence	Non-Participating	535516.19	4750110.90	0	1	7	7	0	0	0	0	0	0
75	Residence	Non-Participating	535531.34	4750111.81	0	2	7	7	0	0	0	0	0	0
76	Residence	Non-Participating	535526.21	4750077.56	0	2	7	7	0	0	0	0	0	0
77	Residence	Non-Participating	535338.77	4750030.89	0	1	7	7	0	0	0	0	0	0
78	Residence	Non-Participating	535368.80	4750042.73	0	1	7	7	0	0	0	0	0	0
79	Residence	Non-Participating	535349.01	4750011.02	0	1	7	7	0	0	0	0	0	0
80	Residence	Non-Participating	535349.58	4749987.33	0	1	7	7	0	0	0	0	0	0
81	Residence	Non-Participating	535350.20	4749960.43	0	2	7	7	0	0	0	0	0	0
82	Residence	Non-Participating	535358.14	4749928.95	0	2	7	7	0	0	0	0	0	0
83	Residence	Non-Participating	535381.98	4749922.90	0	2	7	7	0	0	0	0	0	0
84	Residence	Non-Participating	535404.13	4749925.81	0	2	7	7	0	0	0	0	0	0
85	Residence	Non-Participating	535432.55	4749923.05	0	2	7	7	0	0	0	0	0	0
86	Residence	Non-Participating	535459.42	4749927.13	0	2	7	7	0	0	0	0	0	0
87	Residence	Non-Participating	535493.65	4749930.71	0	2	7	7	0	0	0	0	0	0
88	Residence	Non-Participating	535534.50	4749926.88	0	2	7	7	0	0	0	0	0	0

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Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
89	Residence	Non-Participating	535569.82	4749925.50	0	2	7	7	0	0	0	0	0	0
90	Residence	Non-Participating	535507.38	4750045.08	0	2	7	7	0	0	0	0	0	0
91	Residence	Non-Participating	535490.43	4750040.56	0	2	7	7	0	0	0	0	0	0
92	Residence	Non-Participating	535462.14	4750043.77	0	2	7	7	0	0	0	0	0	0
93	Residence	Non-Participating	535443.39	4750044.30	0	2	7	7	0	0	0	0	0	0
94	Residence	Non-Participating	535423.69	4750042.15	0	1	7	7	0	0	0	0	0	0
95	Residence	Non-Participating	535399.79	4750044.77	0	1	7	7	0	0	0	0	0	0
96	Residence	Non-Participating	535701.31	4750062.31	0	2	7	7	0	0	0	0	0	0
97	Residence	Non-Participating	535670.48	4750063.36	0	2	7	7	0	0	0	0	0	0
98	Residence	Non-Participating	535625.13	4750066.86	0	2	7	7	0	0	0	0	0	0
99	Residence	Non-Participating	535565.66	4750074.10	0	2	7	7	0	0	0	0	0	0
100	Residence	Non-Participating	535563.19	4750095.20	0	2	7	7	0	0	0	0	0	0
101	Residence	Non-Participating	535564.17	4750112.44	0	2	7	7	0	0	0	0	0	0
102	Residence	Non-Participating	535659.89	4750110.60	0	2	7	7	0	0	0	0	0	0
103	Residence	Non-Participating	535562.79	4750141.32	0	2	7	7	0	0	0	0	0	0
104	Residence	Non-Participating	535559.82	4750198.01	0	1	7	7	0	0	0	0	0	0
105	Residence	Non-Participating	535557.11	4750211.37	0	1	7	7	0	0	0	0	0	0
106	Residence	Non-Participating	535556.93	4750227.57	0	1	7	7	0	0	0	0	0	0
107	Residence	Non-Participating	535629.62	4750212.90	0	1	7	7	0	0	0	0	0	0
108	Residence	Non-Participating	535599.54	4750145.06	0	2	7	7	0	0	0	0	0	0
109	Residence	Non-Participating	535631.95	4750143.64	0	2	7	7	0	0	0	0	0	0
110	Residence	Non-Participating	535656.92	4750141.83	0	2	7	7	0	0	0	0	0	0
111	Residence	Non-Participating	535689.58	4750140.69	0	2	7	7	0	0	0	0	0	0
112	Residence	Non-Participating	535720.17	4750143.26	0	2	7	7	0	0	0	0	0	0
113	Residence	Non-Participating	535751.19	4750130.37	0	2	7	7	0	0	0	0	0	0
114	Residence	Non-Participating	535796.42	4750128.53	0	2	7	7	0	0	0	0	0	0
115	Residence	Non-Participating	535886.56	4750155.25	0	2	7	7	0	0	0	0	0	0
116	Residence	Non-Participating	535845.45	4750170.81	0	2	7	7	0	0	0	0	0	0
117	Residence	Non-Participating	535817.46	4750176.34	0	2	7	7	0	0	0	0	0	0
118	Residence	Non-Participating	535779.18	4750179.08	0	2	7	7	0	0	0	0	0	0
119	Residence	Non-Participating	535759.43	4750186.47	0	2	7	7	0	0	0	0	0	0
120	Residence	Non-Participating	535709.57	4750193.31	0	2	7	7	0	0	0	0	0	0
121	Residence	Non-Participating	535688.90	4750199.89	0	2	7	7	0	0	0	0	0	0
122	Residence	Non-Participating	535650.96	4750205.69	0	2	7	7	0	0	0	0	0	0
123	Residence	Non-Participating	535264.19	4749940.39	0	1	7	7	0	0	0	0	0	0
124	Residence	Non-Participating	535283.04	4749947.27	0	1	7	7	0	0	0	0	0	0
125	Residence	Non-Participating	535314.70	4749937.56	0	1	7	7	0	0	0	0	0	0
126	Residence	Non-Participating	535309.18	4749911.76	0	2	7	7	0	0	0	0	0	0
127	Residence	Non-Participating	535266.38	4749881.05	0	2	7	7	0	0	0	0	0	0
128	Residence	Non-Participating	535342.97	4749853.06	0	2	7	7	0	0	0	0	0	0
129	Residence	Non-Participating	535349.15	4749838.03	0	2	7	7	0	0	0	0	0	0
130	Residence	Non-Participating	535355.69	4749822.40	0	2	7	7	0	0	0	0	0	0
131	Residence	Non-Participating	535361.90	4749809.62	0	2	7	7	0	0	0	0	0	0
132	Residence	Non-Participating	535287.09	4749803.76	0	2	7	7	0	0	0	0	0	0

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
133	Residence	Non-Participating	535296.20	4749790.88	0	2	7	7	0	0	0	0	0	0
134	Residence	Non-Participating	535300.87	4749777.90	0	2	7	7	0	0	0	0	0	0
135	Residence	Non-Participating	535283.07	4749824.37	0	2	7	7	0	0	0	0	0	0
136	Residence	Non-Participating	535356.68	4749776.57	0	2	7	7	0	0	0	0	0	0
137	Residence	Non-Participating	535375.29	4749783.38	0	2	7	7	0	0	0	0	0	0
138	Residence	Non-Participating	535280.17	4749740.65	0	2	7	7	0	0	0	0	0	0
139	Residence	Non-Participating	535271.47	4749751.97	0	2	7	7	0	0	0	0	0	0
140	Residence	Non-Participating	535288.79	4749728.27	0	2	7	7	0	0	0	0	0	0
141	Residence	Non-Participating	535314.68	4749725.68	0	2	7	7	0	0	0	0	0	0
142	Residence	Non-Participating	535331.05	4749732.23	0	2	7	7	0	0	0	0	0	0
143	Residence	Non-Participating	535341.70	4749737.09	0	2	7	7	0	0	0	0	0	0
144	Residence	Non-Participating	535358.41	4749743.95	0	2	7	7	0	0	0	0	0	0
145	Residence	Non-Participating	535390.59	4749757.40	0	2	7	7	0	0	0	0	0	0
146	Residence	Non-Participating	535409.21	4749714.39	0	2	7	8	0	0	0	0	0	0
147	Residence	Non-Participating	535399.47	4749734.84	0	2	7	7	0	0	0	0	0	0
148	Residence	Non-Participating	535413.91	4749695.69	0	2	7	8	0	0	0	0	0	0
149	Residence	Non-Participating	535410.08	4749663.19	0	2	7	8	0	0	0	0	0	0
150	Residence	Non-Participating	535469.36	4749585.39	0	2	7	8	0	0	0	0	0	0
151	Residence	Non-Participating	535482.73	4749527.52	0	2	8	8	0	0	0	0	0	0
152	Residence	Non-Participating	535462.52	4749548.55	0	2	8	8	0	0	0	0	0	0
153	Residence	Non-Participating	535421.88	4749565.56	0	2	7	8	0	0	0	0	0	0
154	Residence	Non-Participating	535398.58	4749570.10	0	2	7	8	0	0	0	0	0	0
155	Residence	Non-Participating	535378.05	4749578.52	0	2	7	8	0	0	0	0	0	0
156	Residence	Non-Participating	535354.20	4749592.05	0	2	7	8	0	0	0	0	0	0
157	Residence	Non-Participating	535334.69	4749601.51	0	2	7	8	0	0	0	0	0	0
158	Residence	Non-Participating	535324.23	4749557.37	0	2	7	8	0	0	0	0	0	0
159	Residence	Non-Participating	535349.19	4749547.58	0	2	7	8	0	0	0	0	0	0
160	Residence	Non-Participating	535390.59	4749532.39	0	2	7	8	0	0	0	0	0	0
161	Residence	Non-Participating	535411.94	4749520.72	0	2	7	8	0	0	0	0	0	0
162	Residence	Non-Participating	535439.96	4749506.86	0	2	8	8	0	0	0	0	0	0
163	Residence	Non-Participating	535456.25	4749499.30	0	2	8	8	0	0	0	0	0	0
164	Residence	Non-Participating	535473.60	4749490.47	0	2	8	8	0	0	0	0	0	0
165	Residence	Non-Participating	535492.96	4749475.29	0	2	8	8	0	0	0	0	0	0
166	Residence	Non-Participating	535511.64	4749462.50	0	2	8	8	0	0	0	0	0	0
167	Residence	Non-Participating	535507.01	4749513.07	0	2	8	8	0	0	0	0	0	0
170	Residence	Non-Participating	535833.09	4748378.69	0	4	9	10	2	0	0	0	0	0
171	Residence	Non-Participating	535965.15	4748708.69	0	4	9	10	2	0	0	0	0	0
172	Residence	Non-Participating	535707.43	4748954.17	0	3	9	9	1	0	0	0	0	0
173	Residence	Non-Participating	535387.63	4750398.15	0	1	6	7	0	0	0	0	0	0
174	Residence	Non-Participating	535389.48	4750414.75	0	1	6	7	0	0	0	0	0	0
175	Residence	Non-Participating	535422.76	4750392.55	0	1	7	7	0	0	0	0	0	0
176	Residence	Non-Participating	535477.37	4750387.79	0	1	7	7	0	0	0	0	0	0
177	Residence	Non-Participating	535510.04	4750414.50	0	1	7	7	0	0	0	0	0	0
178	Residence	Non-Participating	535453.87	4750387.86	0	1	7	7	0	0	0	0	0	0

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
179	Residence	Non-Participating	535513.88	4750400.95	0	1	7	7	0	0	0	0	0	0
180	Residence	Non-Participating	535533.39	4750383.84	0	1	7	7	0	0	0	0	0	0
181	Residence	Non-Participating	535637.66	4750371.35	0	1	7	7	0	0	0	0	0	0
182	Residence	Non-Participating	535687.86	4750381.19	0	1	7	7	0	0	0	0	0	0
183	Residence	Non-Participating	535822.66	4750343.65	0	2	7	7	0	0	0	0	0	0
187	Residence	Non-Participating	535937.98	4750197.93	0	2	7	7	0	0	0	0	0	0
188	Residence	Non-Participating	536016.09	4750175.76	0	2	7	8	0	0	0	0	0	0
189	Residence	Non-Participating	536022.53	4750124.85	0	2	7	8	0	0	0	0	0	0
190	Residence	Non-Participating	536057.37	4750081.94	0	2	7	8	0	0	0	0	0	0
191	Residence	Non-Participating	536151.91	4750125.55	0	2	8	8	0	0	0	0	0	0
192	Residence	Non-Participating	536170.38	4750073.65	0	2	8	8	0	0	0	0	0	0
193	Residence	Non-Participating	536129.44	4749922.78	0	2	8	8	0	0	0	0	0	0
194	Residence	Non-Participating	536174.84	4749878.82	0	2	8	8	0	0	0	0	0	0
195	Residence	Non-Participating	536233.05	4749775.50	0	3	8	8	0	0	0	0	0	0
196	Residence	Non-Participating	536302.85	4749659.66	0	3	8	9	0	0	0	0	0	0
203	Residence	Non-Participating	535673.69	4749285.11	0	3	8	8	0	0	0	0	0	0
204	Residence	Non-Participating	535663.10	4749308.55	0	3	8	8	0	0	0	0	0	0
205	Residence	Non-Participating	535648.88	4749336.07	0	2	8	8	0	0	0	0	0	0
206	Residence	Non-Participating	535602.24	4749433.87	0	2	8	8	0	0	0	0	0	0
207	Residence	Non-Participating	535554.93	4749528.47	0	2	8	8	0	0	0	0	0	0
208	Residence	Non-Participating	535522.48	4749558.48	0	2	8	8	0	0	0	0	0	0
209	Residence	Non-Participating	535489.21	4749652.34	0	2	7	8	0	0	0	0	0	0
210	Residence	Non-Participating	535609.39	4749704.71	0	2	8	8	0	0	0	0	0	0
211	Residence	Non-Participating	535553.83	4749697.51	0	2	7	8	0	0	0	0	0	0
212	Residence	Non-Participating	535505.49	4749698.73	0	2	7	8	0	0	0	0	0	0
213	Residence	Non-Participating	535475.27	4749700.10	0	2	7	8	0	0	0	0	0	0
214	Residence	Non-Participating	535505.31	4749727.82	0	2	7	8	0	0	0	0	0	0
215	Residence	Non-Participating	535458.75	4749727.66	0	2	7	8	0	0	0	0	0	0
216	Residence	Non-Participating	535438.77	4749765.51	0	2	7	7	0	0	0	0	0	0
217	Residence	Non-Participating	535427.36	4749786.90	0	2	7	7	0	0	0	0	0	0
218	Residence	Non-Participating	535476.23	4749799.31	0	2	7	7	0	0	0	0	0	0
219	Residence	Non-Participating	535501.74	4749798.33	0	2	7	8	0	0	0	0	0	0
220	Residence	Non-Participating	535544.51	4749757.15	0	2	7	8	0	0	0	0	0	0
221	Residence	Non-Participating	535555.25	4749793.70	0	2	7	8	0	0	0	0	0	0
223	Residence	Non-Participating	535420.98	4749823.42	0	2	7	7	0	0	0	0	0	0
224	Residence	Non-Participating	535376.41	4749878.19	0	2	7	7	0	0	0	0	0	0
225	Residence	Non-Participating	535399.61	4749889.32	0	2	7	7	0	0	0	0	0	0
226	Residence	Non-Participating	535419.72	4749890.47	0	2	7	7	0	0	0	0	0	0
227	Residence	Non-Participating	535438.56	4749887.76	0	2	7	7	0	0	0	0	0	0
228	Residence	Non-Participating	535464.78	4749887.00	0	2	7	7	0	0	0	0	0	0
229	Residence	Non-Participating	535472.40	4749840.34	0	2	7	7	0	0	0	0	0	0
230	Residence	Non-Participating	535487.53	4749887.91	0	2	7	7	0	0	0	0	0	0
231	Residence	Non-Participating	535501.18	4749838.59	0	2	7	7	0	0	0	0	0	0
232	Residence	Non-Participating	535517.03	4749887.07	0	2	7	7	0	0	0	0	0	0

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000	
233	Residence	Non-Participating	535541.92	4749886.01	0	2	7	7	0	0	0	0	0	0	
234	Residence	Non-Participating	535530.79	4749837.66	0	2	7	8	0	0	0	0	0	0	
235	Residence	Non-Participating	535557.21	4749836.68	0	2	7	8	0	0	0	0	0	0	
236	Residence	Non-Participating	535590.27	4749833.13	0	2	7	8	0	0	0	0	0	0	
237	Residence	Non-Participating	535614.10	4749831.44	0	2	7	8	0	0	0	0	0	0	
238	Residence	Non-Participating	535585.40	4749884.33	0	2	7	8	0	0	0	0	0	0	
240	Residence	Non-Participating	535689.17	4747633.01	0	4	10	11	3	0	0	0	0	0	
242	Residence	Non-Participating	536547.50	4748017.99	1	5	11	12	4	1	0	0	0	0	
245	Residence	Non-Participating	536528.82	4748006.09	1	5	11	12	4	1	0	0	0	0	
246	Residence	Non-Participating	536995.00	4747841.90	3	6	12	13	6	3	0	0	0	0	
250	Residence	Non-Participating	536743.63	4746892.06	5	7	13	14	7	4	0	0	0	0	
251	Residence	Non-Participating	536671.63	4746671.50	5	7	13	14	7	4	0	0	0	0	
258	Residence	Non-Participating	536440.07	4746026.17	9	18	24	17	10	9	0	0	0	0	
259	Residence	Non-Participating	536268.14	4745581.32	9	18	23	17	10	9	0	0	0	0	
261	Residence	Non-Participating	536267.13	4745112.35	9	18	23	17	10	9	0	0	0	0	
262	Residence	Non-Participating	536234.35	4745053.81	9	18	23	17	10	9	0	0	0	0	
264	Residence	Non-Participating	536195.12	4744889.33	9	17	23	17	10	9	0	0	0	0	
266	Residence	Non-Participating	536378.79	4745301.33	9	18	24	17	10	10	0	0	0	0	
267	Residence	Non-Participating	536362.58	4745148.55	5	7	13	14	7	4	0	0	0	0	
268	Residence	Non-Participating	536323.01	4743959.27	3	7	12	13	6	3	0	0	0	0	
269	Residence	Non-Participating	536288.88	4743980.14	3	7	12	13	6	3	0	0	0	0	
270	Residence	Non-Participating	536373.97	4743879.00	3	7	12	13	6	3	0	0	0	0	
273	Residence	Non-Participating	536866.34	4744281.40	11	19	25	18	11	11	2	0	0	0	
274	Residence	Non-Participating	536825.26	4744302.36	11	19	25	18	11	11	2	0	0	0	
275	Residence	Non-Participating	536343.41	4744416.08	9	18	23	17	10	9	0	0	0	0	
277	Residence	Non-Participating	536400.52	4745485.47	10	18	24	17	10	10	0	0	0	0	
278	Residence	Non-Participating	536499.53	4746073.47	10	18	24	17	10	10	0	0	0	0	
281	Residence	Non-Participating	536594.23	4746345.76	5	8	13	14	7	5	0	0	0	0	
282	Residence	Non-Participating	536838.51	4747033.42	5	7	13	14	7	4	0	0	0	0	
283	Residence	Non-Participating	536943.81	4747205.73	9	18	24	17	10	9	0	0	0	0	
286	Residence	Non-Participating	537144.37	4746870.06	11	19	25	18	12	11	2	0	0	0	
289	Residence	Non-Participating	537351.43	4746620.14	12	20	26	19	13	13	4	0	0	0	
290	Residence	Non-Participating	537398.31	4746612.07	13	20	26	20	13	13	5	0	0	0	
291	Residence	Non-Participating	536099.24	4748289.66	0	4	10	11	3	0	0	0	0	0	
292	Residence	Non-Participating	536201.11	4748227.64	0	5	10	11	3	0	0	0	0	0	
293	Residence	Non-Participating	536259.88	4748198.98	0	5	10	11	3	0	0	0	0	0	
294	Residence	Non-Participating	536384.53	4748154.93	1	5	11	11	4	0	0	0	0	0	
295	Residence	Non-Participating	536763.39	4748014.20	2	6	11	12	5	1	0	0	0	0	
296	Residence	Non-Participating	537126.70	4747660.56	9	18	23	17	10	9	0	0	0	0	
297	Residence	Non-Participating	537196.75	4747627.11	9	18	23	17	10	9	0	0	0	0	
299	Residence	Non-Participating	537278.26	4746773.78	12	19	25	19	12	12	3	0	0	0	
301	Residence	Non-Participating	537195.66	4746860.18	11	19	25	18	12	11	3	0	0	0	
302	Residence	Non-Participating	537494.90	4746403.04	14	21	27	20	14	14	6	0	0	0	
304	Residence	Non-Participating	537741.77	4746341.60	15	22	27	21	15	15	8	0	0	0	

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
306	Residence	Non-Participating	537645.00	4746227.26	10	11	17	18	12	10	0	0	0	0
307	Residence	Non-Participating	537635.59	4746085.32	10	11	17	18	12	10	1	0	0	0
308	Residence	Non-Participating	537903.03	4746601.05	15	22	27	21	15	15	8	0	0	0
309	Residence	Non-Participating	537435.88	4744086.20	13	20	26	20	13	13	5	0	0	0
310	Residence	Non-Participating	537429.50	4744123.66	13	20	26	20	13	13	5	0	0	0
313	Residence	Non-Participating	536965.17	4744263.26	11	19	25	18	12	11	3	0	0	0
315	Residence	Non-Participating	538224.11	4743962.96	16	22	28	22	16	16	9	0	0	0
317	Residence	Non-Participating	538688.16	4743788.57	17	23	29	23	17	17	10	0	0	0
320	Residence	Non-Participating	537386.94	4742965.24	9	18	24	17	10	9	0	0	0	0
321	Residence	Non-Participating	537603.01	4742439.08	3	7	12	13	6	3	0	0	0	0
322	Residence	Non-Participating	537588.82	4742643.44	4	7	13	14	7	4	0	0	0	0
323	Residence	Non-Participating	538056.64	4743009.77	11	19	25	19	12	12	3	0	0	0
325	Residence	Non-Participating	538282.25	4742258.68	4	7	13	14	7	4	0	0	0	0
327	Residence	Non-Participating	538557.88	4742323.64	10	18	24	17	10	10	0	0	0	0
328	Residence	Non-Participating	538719.08	4742175.72	9	18	24	17	10	9	0	0	0	0
329	Residence	Non-Participating	538692.32	4742225.15	9	18	24	17	10	9	0	0	0	0
330	Residence	Non-Participating	538938.39	4742035.27	9	18	23	17	10	9	0	0	0	0
331	Residence	Non-Participating	538981.94	4742163.32	9	18	24	17	10	9	0	0	0	0
332	Residence	Non-Participating	539040.02	4742130.04	9	18	24	17	10	9	0	0	0	0
333	Residence	Non-Participating	539071.01	4742019.98	9	18	23	17	10	9	0	0	0	0
334	Residence	Non-Participating	539237.42	4741918.63	9	17	23	17	10	9	0	0	0	0
336	Residence	Non-Participating	539275.28	4742223.69	10	18	24	17	11	10	1	0	0	0
337	Residence	Non-Participating	539607.28	4742432.49	11	19	25	18	12	11	2	0	0	0
340	Residence	Non-Participating	539517.17	4742200.33	10	18	24	17	11	10	1	0	0	0
342	Residence	Non-Participating	539154.53	4741803.90	3	7	12	13	6	3	0	0	0	0
344	Residence	Non-Participating	540780.09	4741185.08	1	5	10	11	3	0	0	0	0	0
345	Residence	Non-Participating	540747.34	4741169.92	1	5	10	11	3	0	0	0	0	0
346	Residence	Non-Participating	540979.42	4741413.09	1	5	11	12	4	0	0	0	0	0
348	Residence	Non-Participating	541024.54	4741515.47	6	16	22	15	7	6	0	0	0	0
350	Residence	Non-Participating	541056.51	4741932.45	3	6	12	13	5	2	0	0	0	0
355	Residence	Non-Participating	541135.30	4742135.41	3	7	12	13	6	3	0	0	0	0
356	Residence	Non-Participating	541121.18	4742213.59	4	7	12	13	6	3	0	0	0	0
357	Residence	Non-Participating	541113.84	4742387.83	4	7	13	14	7	4	0	0	0	0
359	Residence	Non-Participating	541136.04	4742544.04	5	7	13	14	7	4	0	0	0	0
361	Residence	Non-Participating	540943.94	4743066.83	7	9	15	16	9	7	0	0	0	0
362	Residence	Non-Participating	541233.39	4742109.16	3	6	12	13	6	3	0	0	0	0
365	Residence	Non-Participating	541582.55	4742086.07	2	6	12	12	5	2	0	0	0	0
366	Residence	Non-Participating	541624.07	4741857.85	2	5	11	12	4	1	0	0	0	0
367	Residence	Non-Participating	541739.40	4741959.19	2	5	11	12	4	1	0	0	0	0
369	Residence	Non-Participating	541871.65	4741867.62	1	5	11	12	4	0	0	0	0	0
370	Residence	Non-Participating	541851.07	4741787.66	1	5	11	11	4	0	0	0	0	0
371	Residence	Non-Participating	541842.57	4741695.30	1	5	11	11	4	0	0	0	0	0
372	Residence	Non-Participating	541874.63	4741696.80	1	5	10	11	4	0	0	0	0	0
373	Residence	Non-Participating	541931.56	4741676.83	1	5	10	11	3	0	0	0	0	0

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000	
374	Residence	Non-Participating	541912.99	4741607.50	0	5	10	11	3	0	0	0	0	0	
375	Residence	Non-Participating	541171.79	4741744.77	2	6	11	12	5	1	0	0	0	0	
376	Residence	Non-Participating	542845.66	4741275.45	0	3	9	9	1	0	0	0	0	0	
377	Residence	Non-Participating	542804.60	4741307.07	0	3	9	9	1	0	0	0	0	0	
378	Residence	Non-Participating	542864.93	4741343.78	0	3	9	9	1	0	0	0	0	0	
379	Residence	Non-Participating	542778.66	4741367.17	0	3	9	9	1	0	0	0	0	0	
380	Residence	Non-Participating	542718.02	4741362.33	0	3	9	10	1	0	0	0	0	0	
381	Residence	Non-Participating	542755.47	4741347.17	0	3	9	9	1	0	0	0	0	0	
382	Residence	Non-Participating	542633.14	4741375.49	0	4	9	10	1	0	0	0	0	0	
383	Residence	Non-Participating	542491.09	4741429.67	0	4	9	10	2	0	0	0	0	0	
384	Residence	Non-Participating	542043.13	4741745.38	1	5	10	11	3	0	0	0	0	0	
385	Residence	Non-Participating	542059.60	4741711.30	0	5	10	11	3	0	0	0	0	0	
386	Residence	Non-Participating	541979.62	4741651.41	0	5	10	11	3	0	0	0	0	0	
387	Residence	Non-Participating	541935.10	4741579.88	0	5	10	11	3	0	0	0	0	0	
388	Residence	Non-Participating	541939.62	4741614.32	0	5	10	11	3	0	0	0	0	0	
389	Residence	Non-Participating	541968.60	4741555.44	0	5	10	11	3	0	0	0	0	0	
390	Residence	Non-Participating	541997.45	4741549.11	0	4	10	11	3	0	0	0	0	0	
391	Residence	Non-Participating	541998.52	4741559.03	0	4	10	11	3	0	0	0	0	0	
392	Residence	Non-Participating	542012.64	4741583.28	0	5	10	11	3	0	0	0	0	0	
393	Residence	Non-Participating	542014.48	4741564.21	0	4	10	11	3	0	0	0	0	0	
394	Residence	Non-Participating	541955.08	4741511.06	0	4	10	11	3	0	0	0	0	0	
395	Residence	Non-Participating	541959.73	4741499.92	0	4	10	11	3	0	0	0	0	0	
396	Residence	Non-Participating	541942.14	4741485.47	0	4	10	11	3	0	0	0	0	0	
397	Residence	Non-Participating	542857.99	4741403.97	0	3	9	9	1	0	0	0	0	0	
398	Residence	Non-Participating	542877.25	4741450.35	0	3	9	9	1	0	0	0	0	0	
399	Residence	Non-Participating	542892.09	4741459.95	0	3	9	9	1	0	0	0	0	0	
400	Residence	Non-Participating	542962.99	4741684.50	0	4	9	10	2	0	0	0	0	0	
402	Residence	Non-Participating	543017.24	4741910.21	0	4	9	10	2	0	0	0	0	0	
403	Residence	Non-Participating	543041.93	4742557.76	0	5	10	11	3	0	0	0	0	0	
404	Residence	Non-Participating	543054.79	4742695.00	0	5	10	11	3	0	0	0	0	0	
405	Residence	Non-Participating	542965.88	4742897.01	1	5	11	12	4	0	0	0	0	0	
406	Residence	Non-Participating	542952.06	4742889.91	1	5	11	12	4	0	0	0	0	0	
407	Residence	Non-Participating	542907.74	4742902.38	1	5	11	12	4	0	0	0	0	0	
408	Residence	Non-Participating	542888.63	4742888.63	1	5	11	12	4	0	0	0	0	0	
409	Residence	Non-Participating	542848.86	4742891.30	1	5	11	12	4	1	0	0	0	0	
410	Residence	Non-Participating	542852.62	4742921.24	1	5	11	12	4	1	0	0	0	0	
411	Residence	Non-Participating	542936.37	4742952.18	1	5	11	12	4	0	0	0	0	0	
412	Residence	Non-Participating	543033.28	4743079.89	1	5	11	12	4	0	0	0	0	0	
413	Residence	Non-Participating	542989.98	4743081.42	1	5	11	12	4	1	0	0	0	0	
414	Residence	Non-Participating	542913.35	4743085.29	2	5	11	12	4	1	0	0	0	0	
415	Residence	Non-Participating	542907.49	4743109.07	2	5	11	12	4	1	0	0	0	0	
417	Residence	Non-Participating	543231.38	4743414.89	1	5	11	12	4	0	0	0	0	0	
419	Residence	Non-Participating	543209.74	4743533.18	2	5	11	12	4	1	0	0	0	0	
420	Residence	Non-Participating	543029.36	4743595.30	2	6	11	12	5	2	0	0	0	0	



Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000	
421	Residence	Non-Participating	542700.26	4743651.36	3	7	12	13	6	3	0	0	0	0	
422	Residence	Non-Participating	542443.03	4743730.53	4	7	13	14	7	4	0	0	0	0	
424	Residence	Non-Participating	542100.61	4743900.20	6	8	14	15	8	6	0	0	0	0	
427	Residence	Non-Participating	543638.34	4743913.49	1	5	10	11	4	0	0	0	0	0	
429	Residence	Non-Participating	544243.81	4745048.68	0	4	10	10	2	0	0	0	0	0	
432	Residence	Non-Participating	544171.18	4745095.70	0	4	10	11	3	0	0	0	0	0	
434	Residence	Non-Participating	544047.61	4745127.04	0	5	10	11	3	0	0	0	0	0	
439	Residence	Non-Participating	544086.04	4745160.24	0	4	10	11	3	0	0	0	0	0	
442	Residence	Non-Participating	544096.72	4745210.20	0	4	10	11	3	0	0	0	0	0	
446	Residence	Non-Participating	543855.67	4745247.72	1	5	11	11	4	0	0	0	0	0	
447	Residence	Non-Participating	543777.94	4745226.12	1	5	11	11	4	0	0	0	0	0	
448	Residence	Non-Participating	543690.25	4745251.41	1	5	11	12	4	0	0	0	0	0	
449	Residence	Non-Participating	543659.68	4745258.88	1	5	11	12	4	1	0	0	0	0	
450	Residence	Non-Participating	543839.19	4745170.39	1	5	11	11	4	0	0	0	0	0	
451	Residence	Non-Participating	543790.25	4745177.35	1	5	11	11	4	0	0	0	0	0	
453	Residence	Non-Participating	543680.38	4745200.38	1	5	11	12	4	1	0	0	0	0	
454	Residence	Non-Participating	543650.09	4745114.73	1	5	11	12	4	1	0	0	0	0	
455	Residence	Non-Participating	543680.10	4745122.68	1	5	11	12	4	1	0	0	0	0	
456	Residence	Non-Participating	543607.17	4745146.57	2	5	11	12	4	1	0	0	0	0	
458	Residence	Non-Participating	543614.88	4745215.80	2	5	11	12	4	1	0	0	0	0	
459	Residence	Non-Participating	543511.38	4745236.75	2	6	11	12	5	1	0	0	0	0	
461	Residence	Non-Participating	541707.22	4744009.05	8	10	15	17	10	8	0	0	0	0	
462	Residence	Non-Participating	541531.15	4744090.45	9	10	16	17	11	9	0	0	0	0	
463	Residence	Non-Participating	541434.68	4744136.35	10	11	17	18	12	10	0	0	0	0	
465	Residence	Non-Participating	543564.17	4745274.76	2	6	11	12	5	1	0	0	0	0	
466	Residence	Non-Participating	543535.97	4745287.13	2	6	11	12	5	1	0	0	0	0	
468	Residence	Non-Participating	543594.10	4745287.79	2	5	11	12	4	1	0	0	0	0	
470	Residence	Non-Participating	543361.17	4745297.13	2	6	12	13	5	2	0	0	0	0	
471	Residence	Non-Participating	543380.02	4745379.23	2	6	12	13	5	2	0	0	0	0	
472	Residence	Non-Participating	543060.53	4745462.56	4	7	12	13	6	3	0	0	0	0	
473	Residence	Non-Participating	543162.72	4745479.53	3	6	12	13	6	3	0	0	0	0	
477	Residence	Non-Participating	542724.72	4745393.64	5	8	13	14	7	5	0	0	0	0	
478	Residence	Non-Participating	542578.44	4745154.88	6	8	14	15	8	5	0	0	0	0	
479	Residence	Non-Participating	542436.16	4745114.51	6	8	14	15	9	6	0	0	0	0	
480	Residence	Non-Participating	542434.52	4745300.53	6	8	14	15	9	6	0	0	0	0	
483	Residence	Non-Participating	542729.61	4745816.09	5	8	13	14	7	4	0	0	0	0	
484	Residence	Non-Participating	542643.20	4745886.67	5	8	13	15	8	5	0	0	0	0	
488	Residence	Non-Participating	543573.11	4745009.80	2	5	11	12	4	1	0	0	0	0	
489	Residence	Non-Participating	543596.79	4745053.42	2	5	11	12	4	1	0	0	0	0	
490	Residence	Non-Participating	544193.57	4745611.89	0	4	10	10	3	0	0	0	0	0	
493	Residence	Non-Participating	542625.10	4747248.70	3	6	12	13	6	3	0	0	0	0	
494	Residence	Non-Participating	542599.37	4747191.66	3	7	12	13	6	3	0	0	0	0	
495	Residence	Non-Participating	542607.41	4747031.84	4	7	12	13	6	3	0	0	0	0	
498	Residence	Non-Participating	542580.23	4746912.92	4	7	13	14	7	4	0	0	0	0	

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000	
501	Residence	Non-Participating	542240.65	4746966.43	5	8	13	15	8	5	0	0	0	0	
503	Residence	Non-Participating	542353.84	4746130.18	6	8	14	15	8	6	0	0	0	0	
506	Residence	Non-Participating	541923.97	4746260.76	8	10	15	17	10	8	0	0	0	0	
507	Residence	Non-Participating	541838.22	4746307.76	8	10	16	17	10	8	0	0	0	0	
508	Residence	Non-Participating	541781.97	4746320.94	8	10	16	17	11	8	0	0	0	0	
509	Residence	Non-Participating	541745.80	4746306.82	9	10	16	17	11	9	0	0	0	0	
510	Residence	Non-Participating	541692.41	4746317.07	9	10	16	17	11	9	0	0	0	0	
512	Residence	Non-Participating	541749.58	4746361.55	8	10	16	17	11	8	0	0	0	0	
513	Residence	Non-Participating	541633.82	4746438.11	9	10	16	17	11	9	0	0	0	0	
514	Residence	Non-Participating	541449.17	4746499.75	10	11	17	18	12	10	0	0	0	0	
515	Residence	Non-Participating	541559.92	4746632.11	9	10	16	17	11	9	0	0	0	0	
519	Residence	Non-Participating	541526.27	4746758.85	8	10	16	17	11	8	0	0	0	0	
524	Residence	Non-Participating	540959.10	4746251.73	13	13	19	21	15	13	4	0	0	0	
528	Residence	Non-Participating	540476.60	4746271.00	16	15	21	23	17	16	8	0	0	0	
529	Residence	Non-Participating	540351.18	4745891.23	24	28	34	29	23	24	19	8	0	0	
530	Residence	Non-Participating	540262.77	4745913.34	25	29	35	29	24	25	20	10	0	0	
531	Residence	Non-Participating	540237.86	4745886.43	25	29	35	30	24	25	20	10	0	0	
532	Residence	Non-Participating	540229.96	4745827.64	26	30	36	30	25	26	21	11	0	0	
533	Residence	Non-Participating	540205.55	4745776.62	27	30	36	31	25	27	21	12	0	0	
534	Residence	Non-Participating	542180.72	4744719.48	7	9	15	16	9	7	0	0	0	0	
535	Residence	Non-Participating	542276.75	4744591.32	7	9	14	16	9	6	0	0	0	0	
540	Residence	Non-Participating	542253.01	4744438.14	6	9	14	16	9	6	0	0	0	0	
541	Residence	Non-Participating	542333.79	4744441.31	6	8	14	15	8	6	0	0	0	0	
542	Residence	Non-Participating	541499.10	4744240.95	10	11	17	18	12	10	0	0	0	0	
543	Residence	Non-Participating	541510.64	4744391.38	10	11	17	18	12	10	0	0	0	0	
544	Residence	Non-Participating	541766.26	4744494.77	9	10	16	17	11	9	0	0	0	0	
545	Residence	Non-Participating	541162.57	4744233.83	11	12	18	19	13	11	2	0	0	0	
546	Residence	Non-Participating	541030.84	4744157.23	12	12	18	19	13	12	2	0	0	0	
549	Residence	Non-Participating	538977.31	4744056.64	15	15	20	22	16	15	6	0	0	0	
551	Residence	Non-Participating	538838.24	4744165.65	15	15	21	22	16	15	7	0	0	0	
553	Residence	Non-Participating	538866.23	4744461.46	17	17	22	24	18	17	9	0	0	0	
554	Residence	Non-Participating	538634.07	4744368.22	15	15	21	22	17	15	7	0	0	0	
555	Residence	Non-Participating	538584.80	4744406.18	15	15	21	22	17	15	7	0	0	0	
557	Residence	Non-Participating	538478.41	4744455.11	20	25	31	25	19	20	14	1	0	0	
558	Residence	Non-Participating	538341.09	4744486.75	19	24	30	24	19	19	13	0	0	0	
561	Residence	Non-Participating	538350.11	4744574.15	20	25	31	25	19	20	13	0	0	0	
562	Residence	Non-Participating	538180.60	4744686.45	19	24	30	24	18	19	12	0	0	0	
564	Residence	Non-Participating	538094.58	4744994.83	19	24	30	24	18	19	13	0	0	0	
566	Residence	Non-Participating	539013.57	4744880.17	22	20	26	28	23	22	15	5	0	0	
568	Residence	Non-Participating	539054.45	4744994.02	29	32	38	33	27	28	23	15	0	0	
571	Residence	Non-Participating	539113.82	4745216.20	31	34	40	36	29	31	26	18	2	0	
572	Residence	Non-Participating	539140.57	4745233.91	32	34	40	37	30	31	27	19	4	0	
573	Residence	Non-Participating	539037.69	4745264.92	30	33	39	34	28	30	25	17	0	0	
575	Residence	Non-Participating	539199.13	4745294.40	33	35	41	38	31	33	28	21	7	0	

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
577	Residence	Non-Participating	539160.72	4745346.16	32	35	41	37	30	32	27	20	5	0
580	Residence	Non-Participating	539310.11	4745718.08	31	34	40	36	29	31	26	19	3	0
581	Residence	Non-Participating	539362.94	4745702.64	32	35	40	37	30	32	27	20	5	0
586	Residence	Non-Participating	539536.06	4746418.63	18	17	23	24	19	18	10	0	0	0
587	Residence	Non-Participating	539593.69	4746565.13	16	16	22	23	18	16	8	0	0	0
588	Residence	Non-Participating	539026.58	4746066.60	19	18	24	26	20	20	12	1	0	0
589	Residence	Non-Participating	538261.62	4746911.66	15	22	28	21	15	16	8	0	0	0
595	Residence	Non-Participating	539396.06	4747705.84	9	10	16	17	11	9	0	0	0	0
596	Residence	Non-Participating	539371.16	4747691.48	9	10	16	17	11	9	0	0	0	0
597	Residence	Non-Participating	539546.72	4748779.18	4	7	12	13	6	3	0	0	0	0
598	Residence	Non-Participating	539504.20	4748775.00	1	6	12	12	4	0	0	0	0	0
599	Residence	Non-Participating	539467.95	4748781.16	0	6	11	11	3	0	0	0	0	0
600	Residence	Non-Participating	539425.05	4748782.44	0	6	12	12	3	0	0	0	0	0
601	Residence	Non-Participating	539453.58	4748812.10	3	7	12	13	5	2	0	0	0	0
605	Residence	Non-Participating	539545.97	4748814.61	4	7	12	13	6	3	0	0	0	0
606	Residence	Non-Participating	539517.11	4748837.35	3	7	12	13	6	3	0	0	0	0
607	Residence	Non-Participating	539503.98	4748810.64	3	7	12	13	6	3	0	0	0	0
608	Residence	Non-Participating	539479.70	4748811.05	2	7	12	13	5	1	0	0	0	0
609	Residence	Non-Participating	539448.13	4748899.30	3	6	12	13	6	3	0	0	0	0
610	Residence	Non-Participating	539397.65	4748898.66	3	6	12	13	6	2	0	0	0	0
611	Residence	Non-Participating	539375.16	4748903.12	3	6	12	13	5	2	0	0	0	0
612	Residence	Non-Participating	539406.79	4748580.82	4	7	13	14	7	4	0	0	0	0
613	Residence	Non-Participating	539233.06	4748634.10	4	7	13	14	7	3	0	0	0	0
614	Residence	Non-Participating	539261.77	4748668.40	4	7	13	14	7	3	0	0	0	0
616	Residence	Non-Participating	539039.09	4748749.15	4	7	12	13	6	3	0	0	0	0
617	Residence	Non-Participating	539062.80	4748742.30	4	7	12	13	6	3	0	0	0	0
620	Residence	Non-Participating	538917.86	4748797.71	2	6	12	13	5	1	0	0	0	0
622	Residence	Non-Participating	538806.99	4748772.93	3	7	12	13	6	3	0	0	0	0
623	Residence	Non-Participating	538744.57	4748833.98	0	5	10	10	1	0	0	0	0	0
625	Residence	Non-Participating	538571.59	4748890.37	3	6	12	13	5	2	0	0	0	0
628	Residence	Non-Participating	538452.21	4748959.11	2	6	12	12	5	1	0	0	0	0
630	Residence	Non-Participating	538161.46	4749035.13	1	5	11	12	4	0	0	0	0	0
631	Residence	Non-Participating	538143.50	4749082.79	1	5	11	12	4	1	0	0	0	0
633	Residence	Non-Participating	538047.15	4749166.18	1	5	11	12	4	0	0	0	0	0
634	Residence	Non-Participating	537832.31	4749286.52	1	5	10	11	3	0	0	0	0	0
635	Residence	Non-Participating	537752.83	4749338.62	0	5	10	11	3	0	0	0	0	0
636	Residence	Non-Participating	537613.18	4749428.03	0	4	10	11	3	0	0	0	0	0
637	Residence	Non-Participating	537510.34	4749377.18	0	4	10	11	3	0	0	0	0	0
638	Residence	Non-Participating	537293.00	4749552.50	0	4	9	10	2	0	0	0	0	0
639	Residence	Non-Participating	537247.72	4749675.88	0	4	9	10	2	0	0	0	0	0
641	Residence	Non-Participating	535923.58	4750889.84	0	1	6	6	0	0	0	0	0	0
643	Residence	Non-Participating	535995.81	4750859.52	0	1	6	7	0	0	0	0	0	0
644	Residence	Non-Participating	535938.65	4751003.19	0	1	6	6	0	0	0	0	0	0
645	Residence	Non-Participating	536121.83	4750816.07	0	1	7	7	0	0	0	0	0	0

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000	
646	Residence	Non-Participating	536219.94	4750967.93	0	1	7	7	0	0	0	0	0	0	
649	Residence	Non-Participating	536395.61	4750914.76	0	1	7	7	0	0	0	0	0	0	
651	Residence	Non-Participating	536323.94	4750937.65	0	1	7	7	0	0	0	0	0	0	
652	Residence	Non-Participating	536492.00	4750848.67	0	1	7	7	0	0	0	0	0	0	
653	Residence	Non-Participating	536599.88	4750918.34	0	12	18	10	1	0	0	0	0	0	
654	Residence	Non-Participating	536585.39	4750696.81	0	2	7	7	0	0	0	0	0	0	
655	Residence	Non-Participating	536557.09	4750690.79	0	2	7	7	0	0	0	0	0	0	
656	Residence	Non-Participating	536815.33	4750831.07	0	12	18	10	2	0	0	0	0	0	
657	Residence	Non-Participating	536793.66	4750910.13	0	12	18	10	2	0	0	0	0	0	
658	Residence	Non-Participating	536836.97	4750889.22	0	12	18	10	2	0	0	0	0	0	
659	Residence	Non-Participating	536848.10	4750886.73	0	12	18	10	2	0	0	0	0	0	
660	Residence	Non-Participating	536934.45	4750737.06	0	13	18	11	2	0	0	0	0	0	
661	Residence	Non-Participating	537093.44	4750755.16	0	13	18	11	2	0	0	0	0	0	
664	Residence	Non-Participating	537238.93	4750704.21	1	13	18	11	2	0	0	0	0	0	
666	Residence	Non-Participating	537294.48	4750655.69	1	13	18	11	3	0	0	0	0	0	
668	Residence	Non-Participating	537269.38	4750716.62	1	13	18	11	2	0	0	0	0	0	
671	Residence	Non-Participating	537064.45	4750659.62	0	10	15	10	1	0	0	0	0	0	
672	Residence	Non-Participating	537304.28	4750342.19	0	3	8	9	0	0	0	0	0	0	
673	Residence	Non-Participating	537509.03	4750239.20	0	3	8	9	1	0	0	0	0	0	
674	Residence	Non-Participating	537567.07	4750210.93	0	3	9	9	1	0	0	0	0	0	
675	Residence	Non-Participating	538265.50	4750079.63	0	4	9	10	2	0	0	0	0	0	
676	Residence	Non-Participating	537485.49	4745230.93	15	22	27	21	15	15	8	0	0	0	
678	Residence	Non-Participating	538112.80	4743950.69	16	22	28	22	16	16	8	0	0	0	
679	Residence	Non-Participating	538092.50	4743977.74	16	22	28	22	16	16	9	0	0	0	
680	Residence	Non-Participating	538113.65	4743993.56	16	22	28	22	16	16	9	0	0	0	
681	Residence	Non-Participating	538011.45	4744014.86	15	22	28	22	15	16	8	0	0	0	
687	Residence	Non-Participating	539155.90	4743614.92	17	23	29	23	17	17	11	0	0	0	
689	Residence	Non-Participating	539380.47	4743532.68	17	23	29	23	17	17	10	0	0	0	
690	Residence	Non-Participating	539758.39	4743803.74	14	14	20	21	15	14	5	0	0	0	
691	Residence	Non-Participating	539678.83	4743915.00	15	15	20	22	16	15	6	0	0	0	
692	Residence	Non-Participating	539742.43	4743908.59	15	14	20	22	16	15	6	0	0	0	
696	Residence	Non-Participating	539783.00	4744142.39	17	16	22	24	18	17	9	0	0	0	
697	Residence	Non-Participating	539838.09	4744114.70	16	16	22	23	17	16	8	0	0	0	
702	Residence	Non-Participating	539646.35	4744300.20	18	17	23	25	19	18	11	0	0	0	
703	Residence	Non-Participating	539692.98	4744438.06	20	19	24	26	21	20	12	2	0	0	
704	Residence	Non-Participating	539920.03	4744552.82	20	19	25	27	21	20	13	3	0	0	
705	Residence	Non-Participating	539840.68	4744801.79	29	32	38	34	27	29	24	16	0	0	
709	Residence	Non-Participating	539804.05	4745074.50	35	36	42	40	32	34	30	23	10	0	
710	Residence	Non-Participating	535790.69	4750952.41	0	1	6	6	0	0	0	0	0	0	
711	Residence	Non-Participating	539335.42	4748899.11	3	6	12	13	5	2	0	0	0	0	
712	Residence	Non-Participating	535489.59	4750482.00	0	1	6	7	0	0	0	0	0	0	
713	Residence	Non-Participating	535461.45	4750426.92	0	1	7	7	0	0	0	0	0	0	
717	Residence	Non-Participating	536281.89	4745187.77	4	7	13	14	7	4	0	0	0	0	
718	Residence	Non-Participating	538098.87	4742422.86	4	7	13	14	7	4	0	0	0	0	

Table 7-5.1a: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000	
719	Residence	Non-Participating	539098.24	4741828.87	3	7	12	13	6	3	0	0	0	0	
720	Residence	Non-Participating	540199.16	4742999.50	13	21	26	20	14	14	6	0	0	0	
722	Residence	Non-Participating	540769.60	4743578.89	10	11	17	18	12	10	0	0	0	0	
724	Residence	Non-Participating	540807.78	4743525.25	10	11	17	18	12	10	0	0	0	0	
725	Residence	Non-Participating	540745.31	4743527.86	10	11	17	18	12	10	0	0	0	0	
727	Residence	Non-Participating	540776.19	4743491.21	10	11	17	18	12	10	0	0	0	0	
729	Residence	Non-Participating	540812.53	4743477.17	9	11	16	18	11	9	0	0	0	0	
730	Residence	Non-Participating	540817.71	4743404.73	9	10	16	18	11	9	0	0	0	0	
731	Residence	Non-Participating	540842.64	4743428.76	9	10	16	18	11	9	0	0	0	0	
735	Residence	Non-Participating	540792.30	4743306.03	9	10	16	17	11	9	0	0	0	0	
738	Residence	Non-Participating	540787.18	4743378.85	9	10	16	18	11	9	0	0	0	0	
739	Residence	Non-Participating	540783.10	4743360.61	9	10	16	17	11	9	0	0	0	0	
740	Residence	Non-Participating	540756.10	4743417.84	9	11	16	18	11	9	0	0	0	0	
741	Residence	Non-Participating	540250.49	4743296.29	10	11	17	18	12	10	0	0	0	0	
744	Residence	Non-Participating	540484.43	4743522.28	11	11	17	19	12	11	1	0	0	0	
745	Residence	Non-Participating	540562.34	4743509.23	10	11	17	19	12	10	1	0	0	0	
748	Residence	Non-Participating	540590.53	4743487.24	10	11	17	18	12	10	1	0	0	0	
751	Residence	Non-Participating	540324.27	4743651.02	12	12	18	20	13	12	3	0	0	0	
752	Residence	Non-Participating	540387.97	4743613.15	11	12	18	19	13	11	2	0	0	0	
755	Residence	Non-Participating	537618.04	4745560.77	16	22	28	22	16	16	9	0	0	0	
760	Residence	Non-Participating	541869.92	4746434.93	5	9	15	15	8	4	0	0	0	0	
761	Residence	Non-Participating	540868.79	4743670.74	10	11	17	18	12	10	1	0	0	0	

Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
<b>709</b>	<b>Residence</b>	<b>Non-Participating</b>	<b>539804.05</b>	<b>4745074.50</b>	<b>35</b>	<b>36</b>	<b>42</b>	<b>40</b>	<b>32</b>	<b>34</b>	<b>30</b>	<b>23</b>	<b>10</b>	<b>0</b>
<b>442</b>	<b>Residence</b>	<b>Non-Participating</b>	<b>544097</b>	<b>4745210</b>	<b>0</b>	<b>4</b>	<b>10</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000	
			X (m)	Y (m)											
709	Residence	Non-Participating	539804.05	4745074.50	35	36	42	40	32	34	30	23	10	0	
575	Residence	Non-Participating	539199.13	4745294.40	33	35	41	38	31	33	28	21	7	0	
577	Residence	Non-Participating	539160.72	4745346.16	32	35	41	37	30	32	27	20	5	0	
581	Residence	Non-Participating	539362.94	4745702.64	32	35	40	37	30	32	27	20	5	0	
572	Residence	Non-Participating	539140.57	4745233.91	32	34	40	37	30	31	27	19	4	0	
580	Residence	Non-Participating	539310.11	4745718.08	31	34	40	36	29	31	26	19	3	0	
571	Residence	Non-Participating	539113.82	4745216.20	31	34	40	36	29	31	26	18	2	0	
573	Residence	Non-Participating	539037.69	4745264.92	30	33	39	34	28	30	25	17	0	0	
705	Residence	Non-Participating	539840.68	4744801.79	29	32	38	34	27	29	24	16	0	0	
568	Residence	Non-Participating	539054.45	4744994.02	29	32	38	33	27	28	23	15	0	0	
533	Residence	Non-Participating	540205.55	4745776.62	27	30	36	31	25	27	21	12	0	0	
532	Residence	Non-Participating	540229.96	4745827.64	26	30	36	30	25	26	21	11	0	0	
531	Residence	Non-Participating	540237.86	4745886.43	25	29	35	30	24	25	20	10	0	0	
530	Residence	Non-Participating	540262.77	4745913.34	25	29	35	29	24	25	20	10	0	0	
529	Residence	Non-Participating	540351.18	4745891.23	24	28	34	29	23	24	19	8	0	0	
566	Residence	Non-Participating	539013.57	4744880.17	22	20	26	28	23	22	15	5	0	0	
704	Residence	Non-Participating	539920.03	4744552.82	20	19	25	27	21	20	13	3	0	0	
557	Residence	Non-Participating	538478.41	4744455.11	20	25	31	25	19	20	14	1	0	0	
703	Residence	Non-Participating	539692.98	4744438.06	20	19	24	26	21	20	12	2	0	0	
561	Residence	Non-Participating	538350.11	4744574.15	20	25	31	25	19	20	13	0	0	0	
588	Residence	Non-Participating	539026.58	4746066.60	19	18	24	26	20	20	12	1	0	0	
558	Residence	Non-Participating	538341.09	4744486.75	19	24	30	24	19	19	13	0	0	0	
564	Residence	Non-Participating	538094.58	4744994.83	19	24	30	24	18	19	13	0	0	0	
562	Residence	Non-Participating	538180.60	4744686.45	19	24	30	24	18	19	12	0	0	0	
702	Residence	Non-Participating	539646.35	4744300.20	18	17	23	25	19	18	11	0	0	0	
586	Residence	Non-Participating	539536.06	4746418.63	18	17	23	24	19	18	10	0	0	0	
553	Residence	Non-Participating	538866.23	4744461.46	17	17	22	24	18	17	9	0	0	0	
687	Residence	Non-Participating	539155.90	4743614.92	17	23	29	23	17	17	11	0	0	0	
317	Residence	Non-Participating	538688.16	4743788.57	17	23	29	23	17	17	10	0	0	0	
689	Residence	Non-Participating	539380.47	4743532.68	17	23	29	23	17	17	10	0	0	0	
696	Residence	Non-Participating	539783.00	4744142.39	17	16	22	24	18	17	9	0	0	0	
587	Residence	Non-Participating	539593.69	4746565.13	16	16	22	23	18	16	8	0	0	0	
315	Residence	Non-Participating	538224.11	4743962.96	16	22	28	22	16	16	9	0	0	0	
697	Residence	Non-Participating	539838.09	4744114.70	16	16	22	23	17	16	8	0	0	0	
528	Residence	Non-Participating	540476.60	4746271.00	16	15	21	23	17	16	8	0	0	0	
680	Residence	Non-Participating	538113.65	4743993.56	16	22	28	22	16	16	9	0	0	0	
755	Residence	Non-Participating	537618.04	4745560.77	16	22	28	22	16	16	9	0	0	0	
679	Residence	Non-Participating	538092.50	4743977.74	16	22	28	22	16	16	9	0	0	0	
678	Residence	Non-Participating	538112.80	4743950.69	16	22	28	22	16	16	8	0	0	0	
681	Residence	Non-Participating	538011.45	4744014.86	15	22	28	22	15	16	8	0	0	0	
589	Residence	Non-Participating	538261.62	4746911.66	15	22	28	21	15	16	8	0	0	0	
554	Residence	Non-Participating	538634.07	4744368.22	15	15	21	22	17	15	7	0	0	0	
555	Residence	Non-Participating	538584.80	4744406.18	15	15	21	22	17	15	7	0	0	0	
676	Residence	Non-Participating	537485.49	4745230.93	15	22	27	21	15	15	8	0	0	0	
304	Residence	Non-Participating	537741.77	4746341.60	15	22	27	21	15	15	8	0	0	0	

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results									
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000	
			X (m)	Y (m)											
308	Residence	Non-Participating	537903.03	4746601.05	15	22	27	21	15	15	8	0	0	0	
551	Residence	Non-Participating	538838.24	4744165.65	15	15	21	22	16	15	7	0	0	0	
549	Residence	Non-Participating	538977.31	4744056.64	15	15	20	22	16	15	6	0	0	0	
691	Residence	Non-Participating	539678.83	4743915.00	15	15	20	22	16	15	6	0	0	0	
692	Residence	Non-Participating	539742.43	4743908.59	15	14	20	22	16	15	6	0	0	0	
690	Residence	Non-Participating	539758.39	4743803.74	14	14	20	21	15	14	5	0	0	0	
302	Residence	Non-Participating	537494.90	4746403.04	14	21	27	20	14	14	6	0	0	0	
720	Residence	Non-Participating	540199.16	4742999.50	13	21	26	20	14	14	6	0	0	0	
524	Residence	Non-Participating	540959.10	4746251.73	13	13	19	21	15	13	4	0	0	0	
309	Residence	Non-Participating	537435.88	4744086.20	13	20	26	20	13	13	5	0	0	0	
310	Residence	Non-Participating	537429.50	4744123.66	13	20	26	20	13	13	5	0	0	0	
290	Residence	Non-Participating	537398.31	4746612.07	13	20	26	20	13	13	5	0	0	0	
289	Residence	Non-Participating	537351.43	4746620.14	12	20	26	19	13	13	4	0	0	0	
751	Residence	Non-Participating	540324.27	4743651.02	12	12	18	20	13	12	3	0	0	0	
299	Residence	Non-Participating	537278.26	4746773.78	12	19	25	19	12	12	3	0	0	0	
546	Residence	Non-Participating	541030.84	4744157.23	12	12	18	19	13	12	2	0	0	0	
323	Residence	Non-Participating	538056.64	4743009.77	11	19	25	19	12	12	3	0	0	0	
752	Residence	Non-Participating	540387.97	4743613.15	11	12	18	19	13	11	2	0	0	0	
545	Residence	Non-Participating	541162.57	4744233.83	11	12	18	19	13	11	2	0	0	0	
301	Residence	Non-Participating	537195.66	4746860.18	11	19	25	18	12	11	3	0	0	0	
313	Residence	Non-Participating	536965.17	4744263.26	11	19	25	18	12	11	3	0	0	0	
286	Residence	Non-Participating	537144.37	4746870.06	11	19	25	18	12	11	2	0	0	0	
337	Residence	Non-Participating	539607.28	4742432.49	11	19	25	18	12	11	2	0	0	0	
273	Residence	Non-Participating	536866.34	4744281.40	11	19	25	18	11	11	2	0	0	0	
274	Residence	Non-Participating	536825.26	4744302.36	11	19	25	18	11	11	2	0	0	0	
2	Residence	Non-Participating	541261.73	4744205.18	11	11	17	19	12	11	1	0	0	0	
744	Residence	Non-Participating	540484.43	4743522.28	11	11	17	19	12	11	1	0	0	0	
745	Residence	Non-Participating	540562.34	4743509.23	10	11	17	19	12	10	1	0	0	0	
307	Residence	Non-Participating	537635.59	4746085.32	10	11	17	18	12	10	1	0	0	0	
748	Residence	Non-Participating	540590.53	4743487.24	10	11	17	18	12	10	1	0	0	0	
761	Residence	Non-Participating	540868.79	4743670.74	10	11	17	18	12	10	1	0	0	0	
722	Residence	Non-Participating	540769.60	4743578.89	10	11	17	18	12	10	0	0	0	0	
543	Residence	Non-Participating	541510.64	4744391.38	10	11	17	18	12	10	0	0	0	0	
725	Residence	Non-Participating	540745.31	4743527.86	10	11	17	18	12	10	0	0	0	0	
306	Residence	Non-Participating	537645.00	4746227.26	10	11	17	18	12	10	0	0	0	0	
336	Residence	Non-Participating	539275.28	4742223.69	10	18	24	17	11	10	1	0	0	0	
741	Residence	Non-Participating	540250.49	4743296.29	10	11	17	18	12	10	0	0	0	0	
340	Residence	Non-Participating	539517.17	4742200.33	10	18	24	17	11	10	1	0	0	0	
278	Residence	Non-Participating	536499.53	4746073.47	10	18	24	17	10	10	0	0	0	0	
724	Residence	Non-Participating	540807.78	4743525.25	10	11	17	18	12	10	0	0	0	0	
514	Residence	Non-Participating	541449.17	4746499.75	10	11	17	18	12	10	0	0	0	0	
542	Residence	Non-Participating	541499.10	4744240.95	10	11	17	18	12	10	0	0	0	0	
463	Residence	Non-Participating	541434.68	4744136.35	10	11	17	18	12	10	0	0	0	0	
277	Residence	Non-Participating	536400.52	4745485.47	10	18	24	17	10	10	0	0	0	0	
327	Residence	Non-Participating	538557.88	4742323.64	10	18	24	17	10	10	0	0	0	0	

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
727	Residence	Non-Participating	540776.19	4743491.21	10	11	17	18	12	10	0	0	0	0
266	Residence	Non-Participating	536378.79	4745301.33	9	18	24	17	10	10	0	0	0	0
729	Residence	Non-Participating	540812.53	4743477.17	9	11	16	18	11	9	0	0	0	0
258	Residence	Non-Participating	536440.07	4746026.17	9	18	24	17	10	9	0	0	0	0
283	Residence	Non-Participating	536943.81	4747205.73	9	18	24	17	10	9	0	0	0	0
320	Residence	Non-Participating	537386.94	4742965.24	9	18	24	17	10	9	0	0	0	0
329	Residence	Non-Participating	538692.32	4742225.15	9	18	24	17	10	9	0	0	0	0
331	Residence	Non-Participating	538981.94	4742163.32	9	18	24	17	10	9	0	0	0	0
332	Residence	Non-Participating	539040.02	4742130.04	9	18	24	17	10	9	0	0	0	0
740	Residence	Non-Participating	540756.10	4743417.84	9	11	16	18	11	9	0	0	0	0
328	Residence	Non-Participating	538719.08	4742175.72	9	18	24	17	10	9	0	0	0	0
738	Residence	Non-Participating	540787.18	4743378.85	9	10	16	18	11	9	0	0	0	0
297	Residence	Non-Participating	537196.75	4747627.11	9	18	23	17	10	9	0	0	0	0
730	Residence	Non-Participating	540817.71	4743404.73	9	10	16	18	11	9	0	0	0	0
731	Residence	Non-Participating	540842.64	4743428.76	9	10	16	18	11	9	0	0	0	0
739	Residence	Non-Participating	540783.10	4743360.61	9	10	16	17	11	9	0	0	0	0
259	Residence	Non-Participating	536268.14	4745581.32	9	18	23	17	10	9	0	0	0	0
261	Residence	Non-Participating	536267.13	4745112.35	9	18	23	17	10	9	0	0	0	0
462	Residence	Non-Participating	541531.15	4744090.45	9	10	16	17	11	9	0	0	0	0
513	Residence	Non-Participating	541633.82	4746438.11	9	10	16	17	11	9	0	0	0	0
510	Residence	Non-Participating	541692.41	4746317.07	9	10	16	17	11	9	0	0	0	0
330	Residence	Non-Participating	538938.39	4742035.27	9	18	23	17	10	9	0	0	0	0
333	Residence	Non-Participating	539071.01	4742019.98	9	18	23	17	10	9	0	0	0	0
544	Residence	Non-Participating	541766.26	4744494.77	9	10	16	17	11	9	0	0	0	0
262	Residence	Non-Participating	536234.35	4745053.81	9	18	23	17	10	9	0	0	0	0
275	Residence	Non-Participating	536343.41	4744416.08	9	18	23	17	10	9	0	0	0	0
596	Residence	Non-Participating	539371.16	4747691.48	9	10	16	17	11	9	0	0	0	0
515	Residence	Non-Participating	541559.92	4746632.11	9	10	16	17	11	9	0	0	0	0
509	Residence	Non-Participating	541745.80	4746306.82	9	10	16	17	11	9	0	0	0	0
735	Residence	Non-Participating	540792.30	4743306.03	9	10	16	17	11	9	0	0	0	0
296	Residence	Non-Participating	537126.70	4747660.56	9	18	23	17	10	9	0	0	0	0
595	Residence	Non-Participating	539396.06	4747705.84	9	10	16	17	11	9	0	0	0	0
264	Residence	Non-Participating	536195.12	4744889.33	9	17	23	17	10	9	0	0	0	0
334	Residence	Non-Participating	539237.42	4741918.63	9	17	23	17	10	9	0	0	0	0
519	Residence	Non-Participating	541526.27	4746758.85	8	10	16	17	11	8	0	0	0	0
512	Residence	Non-Participating	541749.58	4746361.55	8	10	16	17	11	8	0	0	0	0
508	Residence	Non-Participating	541781.97	4746320.94	8	10	16	17	11	8	0	0	0	0
507	Residence	Non-Participating	541838.22	4746307.76	8	10	16	17	10	8	0	0	0	0
461	Residence	Non-Participating	541707.22	4744009.05	8	10	15	17	10	8	0	0	0	0
506	Residence	Non-Participating	541923.97	4746260.76	8	10	15	17	10	8	0	0	0	0
361	Residence	Non-Participating	540943.94	4743066.83	7	9	15	16	9	7	0	0	0	0
534	Residence	Non-Participating	542180.72	4744719.48	7	9	15	16	9	7	0	0	0	0
535	Residence	Non-Participating	542276.75	4744591.32	7	9	14	16	9	6	0	0	0	0
540	Residence	Non-Participating	542253.01	4744438.14	6	9	14	16	9	6	0	0	0	0
480	Residence	Non-Participating	542434.52	4745300.53	6	8	14	15	9	6	0	0	0	0



Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
479	Residence	Non-Participating	542436.16	4745114.51	6	8	14	15	9	6	0	0	0	0
503	Residence	Non-Participating	542353.84	4746130.18	6	8	14	15	8	6	0	0	0	0
541	Residence	Non-Participating	542333.79	4744441.31	6	8	14	15	8	6	0	0	0	0
348	Residence	Non-Participating	541024.54	4741515.47	6	16	22	15	7	6	0	0	0	0
424	Residence	Non-Participating	542100.61	4743900.20	6	8	14	15	8	6	0	0	0	0
478	Residence	Non-Participating	542578.44	4745154.88	6	8	14	15	8	5	0	0	0	0
484	Residence	Non-Participating	542643.20	4745886.67	5	8	13	15	8	5	0	0	0	0
501	Residence	Non-Participating	542240.65	4746966.43	5	8	13	15	8	5	0	0	0	0
760	Residence	Non-Participating	541869.92	4746434.93	5	9	15	15	8	4	0	0	0	0
477	Residence	Non-Participating	542724.72	4745393.64	5	8	13	14	7	5	0	0	0	0
483	Residence	Non-Participating	542729.61	4745816.09	5	8	13	14	7	4	0	0	0	0
281	Residence	Non-Participating	536594.23	4746345.76	5	8	13	14	7	5	0	0	0	0
359	Residence	Non-Participating	541136.04	4742544.04	5	7	13	14	7	4	0	0	0	0
251	Residence	Non-Participating	536671.63	4746671.50	5	7	13	14	7	4	0	0	0	0
267	Residence	Non-Participating	536362.58	4745148.55	5	7	13	14	7	4	0	0	0	0
250	Residence	Non-Participating	536743.63	4746892.06	5	7	13	14	7	4	0	0	0	0
282	Residence	Non-Participating	536838.51	4747033.42	5	7	13	14	7	4	0	0	0	0
612	Residence	Non-Participating	539406.79	4748580.82	4	7	13	14	7	4	0	0	0	0
422	Residence	Non-Participating	542443.03	4743730.53	4	7	13	14	7	4	0	0	0	0
718	Residence	Non-Participating	538098.87	4742422.86	4	7	13	14	7	4	0	0	0	0
357	Residence	Non-Participating	541113.84	4742387.83	4	7	13	14	7	4	0	0	0	0
717	Residence	Non-Participating	536281.89	4745187.77	4	7	13	14	7	4	0	0	0	0
322	Residence	Non-Participating	537588.82	4742643.44	4	7	13	14	7	4	0	0	0	0
325	Residence	Non-Participating	538282.25	4742258.68	4	7	13	14	7	4	0	0	0	0
614	Residence	Non-Participating	539261.77	4748668.40	4	7	13	14	7	3	0	0	0	0
498	Residence	Non-Participating	542580.23	4746912.92	4	7	13	14	7	4	0	0	0	0
613	Residence	Non-Participating	539233.06	4748634.10	4	7	13	14	7	3	0	0	0	0
597	Residence	Non-Participating	539546.72	4748779.18	4	7	12	13	6	3	0	0	0	0
617	Residence	Non-Participating	539062.80	4748742.30	4	7	12	13	6	3	0	0	0	0
495	Residence	Non-Participating	542607.41	4747031.84	4	7	12	13	6	3	0	0	0	0
356	Residence	Non-Participating	541121.18	4742213.59	4	7	12	13	6	3	0	0	0	0
472	Residence	Non-Participating	543060.53	4745462.56	4	7	12	13	6	3	0	0	0	0
605	Residence	Non-Participating	539545.97	4748814.61	4	7	12	13	6	3	0	0	0	0
616	Residence	Non-Participating	539039.09	4748749.15	4	7	12	13	6	3	0	0	0	0
606	Residence	Non-Participating	539517.11	4748837.35	3	7	12	13	6	3	0	0	0	0
622	Residence	Non-Participating	538806.99	4748772.93	3	7	12	13	6	3	0	0	0	0
270	Residence	Non-Participating	536373.97	4743879.00	3	7	12	13	6	3	0	0	0	0
321	Residence	Non-Participating	537603.01	4742439.08	3	7	12	13	6	3	0	0	0	0
494	Residence	Non-Participating	542599.37	4747191.66	3	7	12	13	6	3	0	0	0	0
268	Residence	Non-Participating	536323.01	4743959.27	3	7	12	13	6	3	0	0	0	0
342	Residence	Non-Participating	539154.53	4741803.90	3	7	12	13	6	3	0	0	0	0
355	Residence	Non-Participating	541135.30	4742135.41	3	7	12	13	6	3	0	0	0	0
421	Residence	Non-Participating	542700.26	4743651.36	3	7	12	13	6	3	0	0	0	0
719	Residence	Non-Participating	539098.24	4741828.87	3	7	12	13	6	3	0	0	0	0
607	Residence	Non-Participating	539503.98	4748810.64	3	7	12	13	6	3	0	0	0	0

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
473	Residence	Non-Participating	543162.72	4745479.53	3	6	12	13	6	3	0	0	0	0
269	Residence	Non-Participating	536288.88	4743980.14	3	7	12	13	6	3	0	0	0	0
609	Residence	Non-Participating	539448.13	4748899.30	3	6	12	13	6	3	0	0	0	0
493	Residence	Non-Participating	542625.10	4747248.70	3	6	12	13	6	3	0	0	0	0
246	Residence	Non-Participating	536995.00	4747841.90	3	6	12	13	6	3	0	0	0	0
362	Residence	Non-Participating	541233.39	4742109.16	3	6	12	13	6	3	0	0	0	0
610	Residence	Non-Participating	539397.65	4748898.66	3	6	12	13	6	2	0	0	0	0
611	Residence	Non-Participating	539375.16	4748903.12	3	6	12	13	5	2	0	0	0	0
625	Residence	Non-Participating	538571.59	4748890.37	3	6	12	13	5	2	0	0	0	0
350	Residence	Non-Participating	541056.51	4741932.45	3	6	12	13	5	2	0	0	0	0
601	Residence	Non-Participating	539453.58	4748812.10	3	7	12	13	5	2	0	0	0	0
711	Residence	Non-Participating	539335.42	4748899.11	3	6	12	13	5	2	0	0	0	0
470	Residence	Non-Participating	543361.17	4745297.13	2	6	12	13	5	2	0	0	0	0
471	Residence	Non-Participating	543380.02	4745379.23	2	6	12	13	5	2	0	0	0	0
608	Residence	Non-Participating	539479.70	4748811.05	2	7	12	13	5	1	0	0	0	0
365	Residence	Non-Participating	541582.55	4742086.07	2	6	12	12	5	2	0	0	0	0
620	Residence	Non-Participating	538917.86	4748797.71	2	6	12	13	5	1	0	0	0	0
420	Residence	Non-Participating	543029.36	4743595.30	2	6	11	12	5	2	0	0	0	0
628	Residence	Non-Participating	538452.21	4748959.11	2	6	12	12	5	1	0	0	0	0
295	Residence	Non-Participating	536763.39	4748014.20	2	6	11	12	5	1	0	0	0	0
375	Residence	Non-Participating	541171.79	4741744.77	2	6	11	12	5	1	0	0	0	0
459	Residence	Non-Participating	543511.38	4745236.75	2	6	11	12	5	1	0	0	0	0
466	Residence	Non-Participating	543535.97	4745287.13	2	6	11	12	5	1	0	0	0	0
465	Residence	Non-Participating	543564.17	4745274.76	2	6	11	12	5	1	0	0	0	0
489	Residence	Non-Participating	543596.79	4745053.42	2	5	11	12	4	1	0	0	0	0
488	Residence	Non-Participating	543573.11	4745009.80	2	5	11	12	4	1	0	0	0	0
367	Residence	Non-Participating	541739.40	4741959.19	2	5	11	12	4	1	0	0	0	0
414	Residence	Non-Participating	542913.35	4743085.29	2	5	11	12	4	1	0	0	0	0
415	Residence	Non-Participating	542907.49	4743109.07	2	5	11	12	4	1	0	0	0	0
468	Residence	Non-Participating	543594.10	4745287.79	2	5	11	12	4	1	0	0	0	0
366	Residence	Non-Participating	541624.07	4741857.85	2	5	11	12	4	1	0	0	0	0
419	Residence	Non-Participating	543209.74	4743533.18	2	5	11	12	4	1	0	0	0	0
456	Residence	Non-Participating	543607.17	4745146.57	2	5	11	12	4	1	0	0	0	0
458	Residence	Non-Participating	543614.88	4745215.80	2	5	11	12	4	1	0	0	0	0
410	Residence	Non-Participating	542852.62	4742921.24	1	5	11	12	4	1	0	0	0	0
631	Residence	Non-Participating	538143.50	4749082.79	1	5	11	12	4	1	0	0	0	0
413	Residence	Non-Participating	542989.98	4743081.42	1	5	11	12	4	1	0	0	0	0
409	Residence	Non-Participating	542848.86	4742891.30	1	5	11	12	4	1	0	0	0	0
242	Residence	Non-Participating	536547.50	4748017.99	1	5	11	12	4	1	0	0	0	0
245	Residence	Non-Participating	536528.82	4748006.09	1	5	11	12	4	1	0	0	0	0
449	Residence	Non-Participating	543659.68	4745258.88	1	5	11	12	4	1	0	0	0	0
454	Residence	Non-Participating	543650.09	4745114.73	1	5	11	12	4	1	0	0	0	0
598	Residence	Non-Participating	539504.20	4748775.00	1	6	12	12	4	0	0	0	0	0
411	Residence	Non-Participating	542936.37	4742952.18	1	5	11	12	4	0	0	0	0	0
408	Residence	Non-Participating	542888.63	4742888.63	1	5	11	12	4	0	0	0	0	0

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
448	Residence	Non-Participating	543690.25	4745251.41	1	5	11	12	4	0	0	0	0	0
453	Residence	Non-Participating	543680.38	4745200.38	1	5	11	12	4	1	0	0	0	0
455	Residence	Non-Participating	543680.10	4745122.68	1	5	11	12	4	1	0	0	0	0
412	Residence	Non-Participating	543033.28	4743079.89	1	5	11	12	4	0	0	0	0	0
407	Residence	Non-Participating	542907.74	4742902.38	1	5	11	12	4	0	0	0	0	0
417	Residence	Non-Participating	543231.38	4743414.89	1	5	11	12	4	0	0	0	0	0
633	Residence	Non-Participating	538047.15	4749166.18	1	5	11	12	4	0	0	0	0	0
369	Residence	Non-Participating	541871.65	4741867.62	1	5	11	12	4	0	0	0	0	0
346	Residence	Non-Participating	540979.42	4741413.09	1	5	11	12	4	0	0	0	0	0
405	Residence	Non-Participating	542965.88	4742897.01	1	5	11	12	4	0	0	0	0	0
406	Residence	Non-Participating	542952.06	4742889.91	1	5	11	12	4	0	0	0	0	0
447	Residence	Non-Participating	543777.94	4745226.12	1	5	11	11	4	0	0	0	0	0
370	Residence	Non-Participating	541851.07	4741787.66	1	5	11	11	4	0	0	0	0	0
451	Residence	Non-Participating	543790.25	4745177.35	1	5	11	11	4	0	0	0	0	0
630	Residence	Non-Participating	538161.46	4749035.13	1	5	11	12	4	0	0	0	0	0
666	Residence	Non-Participating	537294.48	4750655.69	1	13	18	11	3	0	0	0	0	0
450	Residence	Non-Participating	543839.19	4745170.39	1	5	11	11	4	0	0	0	0	0
371	Residence	Non-Participating	541842.57	4741695.30	1	5	11	11	4	0	0	0	0	0
294	Residence	Non-Participating	536384.53	4748154.93	1	5	11	11	4	0	0	0	0	0
446	Residence	Non-Participating	543855.67	4745247.72	1	5	11	11	4	0	0	0	0	0
427	Residence	Non-Participating	543638.34	4743913.49	1	5	10	11	4	0	0	0	0	0
668	Residence	Non-Participating	537269.38	4750716.62	1	13	18	11	2	0	0	0	0	0
664	Residence	Non-Participating	537238.93	4750704.21	1	13	18	11	2	0	0	0	0	0
372	Residence	Non-Participating	541874.63	4741696.80	1	5	10	11	4	0	0	0	0	0
344	Residence	Non-Participating	540780.09	4741185.08	1	5	10	11	3	0	0	0	0	0
373	Residence	Non-Participating	541931.56	4741676.83	1	5	10	11	3	0	0	0	0	0
634	Residence	Non-Participating	537832.31	4749286.52	1	5	10	11	3	0	0	0	0	0
345	Residence	Non-Participating	540747.34	4741169.92	1	5	10	11	3	0	0	0	0	0
384	Residence	Non-Participating	542043.13	4741745.38	1	5	10	11	3	0	0	0	0	0
661	Residence	Non-Participating	537093.44	4750755.16	0	13	18	11	2	0	0	0	0	0
404	Residence	Non-Participating	543054.79	4742695.00	0	5	10	11	3	0	0	0	0	0
660	Residence	Non-Participating	536934.45	4750737.06	0	13	18	11	2	0	0	0	0	0
600	Residence	Non-Participating	539425.05	4748782.44	0	6	12	12	3	0	0	0	0	0
374	Residence	Non-Participating	541912.99	4741607.50	0	5	10	11	3	0	0	0	0	0
293	Residence	Non-Participating	536259.88	4748198.98	0	5	10	11	3	0	0	0	0	0
385	Residence	Non-Participating	542059.60	4741711.30	0	5	10	11	3	0	0	0	0	0
386	Residence	Non-Participating	541979.62	4741651.41	0	5	10	11	3	0	0	0	0	0
388	Residence	Non-Participating	541939.62	4741614.32	0	5	10	11	3	0	0	0	0	0
635	Residence	Non-Participating	537752.83	4749338.62	0	5	10	11	3	0	0	0	0	0
403	Residence	Non-Participating	543041.93	4742557.76	0	5	10	11	3	0	0	0	0	0
387	Residence	Non-Participating	541935.10	4741579.88	0	5	10	11	3	0	0	0	0	0
434	Residence	Non-Participating	544047.61	4745127.04	0	5	10	11	3	0	0	0	0	0
292	Residence	Non-Participating	536201.11	4748227.64	0	5	10	11	3	0	0	0	0	0
389	Residence	Non-Participating	541968.60	4741555.44	0	5	10	11	3	0	0	0	0	0
392	Residence	Non-Participating	542012.64	4741583.28	0	5	10	11	3	0	0	0	0	0

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
652	Residence	Non-Participating	536492.00	4750848.67	0	1	7	7	0	0	0	0	0	0
658	Residence	Non-Participating	536836.97	4750889.22	0	12	18	10	2	0	0	0	0	0
651	Residence	Non-Participating	536323.94	4750937.65	0	1	7	7	0	0	0	0	0	0
654	Residence	Non-Participating	536585.39	4750696.81	0	2	7	7	0	0	0	0	0	0
657	Residence	Non-Participating	536793.66	4750910.13	0	12	18	10	2	0	0	0	0	0
656	Residence	Non-Participating	536815.33	4750831.07	0	12	18	10	2	0	0	0	0	0
653	Residence	Non-Participating	536599.88	4750918.34	0	12	18	10	1	0	0	0	0	0
649	Residence	Non-Participating	536395.61	4750914.76	0	1	7	7	0	0	0	0	0	0
655	Residence	Non-Participating	536557.09	4750690.79	0	2	7	7	0	0	0	0	0	0
659	Residence	Non-Participating	536848.10	4750886.73	0	12	18	10	2	0	0	0	0	0
646	Residence	Non-Participating	536219.94	4750967.93	0	1	7	7	0	0	0	0	0	0
645	Residence	Non-Participating	536121.83	4750816.07	0	1	7	7	0	0	0	0	0	0
599	Residence	Non-Participating	539467.95	4748781.16	0	6	11	11	3	0	0	0	0	0
643	Residence	Non-Participating	535995.81	4750859.52	0	1	6	7	0	0	0	0	0	0
644	Residence	Non-Participating	535938.65	4751003.19	0	1	6	6	0	0	0	0	0	0
205	Residence	Non-Participating	535648.88	4749336.07	0	2	8	8	0	0	0	0	0	0
204	Residence	Non-Participating	535663.10	4749308.55	0	3	8	8	0	0	0	0	0	0
206	Residence	Non-Participating	535602.24	4749433.87	0	2	8	8	0	0	0	0	0	0
637	Residence	Non-Participating	537510.34	4749377.18	0	4	10	11	3	0	0	0	0	0
636	Residence	Non-Participating	537613.18	4749428.03	0	4	10	11	3	0	0	0	0	0
639	Residence	Non-Participating	537247.72	4749675.88	0	4	9	10	2	0	0	0	0	0
1	Residence	Non-Participating	535351.08	4750325.96	0	1	7	7	0	0	0	0	0	0
203	Residence	Non-Participating	535673.69	4749285.11	0	3	8	8	0	0	0	0	0	0
638	Residence	Non-Participating	537293.00	4749552.50	0	4	9	10	2	0	0	0	0	0
641	Residence	Non-Participating	535923.58	4750889.84	0	1	6	6	0	0	0	0	0	0
195	Residence	Non-Participating	536233.05	4749775.50	0	3	8	8	0	0	0	0	0	0
196	Residence	Non-Participating	536302.85	4749659.66	0	3	8	9	0	0	0	0	0	0
194	Residence	Non-Participating	536174.84	4749878.82	0	2	8	8	0	0	0	0	0	0
439	Residence	Non-Participating	544086.04	4745160.24	0	4	10	11	3	0	0	0	0	0
399	Residence	Non-Participating	542892.09	4741459.95	0	3	9	9	1	0	0	0	0	0
191	Residence	Non-Participating	536151.91	4750125.55	0	2	8	8	0	0	0	0	0	0
192	Residence	Non-Participating	536170.38	4750073.65	0	2	8	8	0	0	0	0	0	0
193	Residence	Non-Participating	536129.44	4749922.78	0	2	8	8	0	0	0	0	0	0
190	Residence	Non-Participating	536057.37	4750081.94	0	2	7	8	0	0	0	0	0	0
189	Residence	Non-Participating	536022.53	4750124.85	0	2	7	8	0	0	0	0	0	0
59	Residence	Non-Participating	535328.05	4750175.11	0	1	7	7	0	0	0	0	0	0
60	Residence	Non-Participating	535306.13	4750166.25	0	1	7	7	0	0	0	0	0	0
49	Residence	Non-Participating	535531.47	4750161.98	0	1	7	7	0	0	0	0	0	0
52	Residence	Non-Participating	535489.21	4750146.11	0	1	7	7	0	0	0	0	0	0
623	Residence	Non-Participating	538744.57	4748833.98	0	5	10	10	1	0	0	0	0	0
51	Residence	Non-Participating	535502.34	4750144.85	0	1	7	7	0	0	0	0	0	0
50	Residence	Non-Participating	535516.69	4750156.83	0	1	7	7	0	0	0	0	0	0
47	Residence	Non-Participating	535518.12	4750232.45	0	1	7	7	0	0	0	0	0	0
48	Residence	Non-Participating	535525.65	4750210.71	0	1	7	7	0	0	0	0	0	0
46	Residence	Non-Participating	535502.19	4750232.03	0	1	7	7	0	0	0	0	0	0

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
3	Residence	Non-Participating	535888.98	4750904.53	0	1	6	6	0	0	0	0	0	0
44	Residence	Non-Participating	535456.61	4750206.61	0	1	7	7	0	0	0	0	0	0
43	Residence	Non-Participating	535439.52	4750222.81	0	1	7	7	0	0	0	0	0	0
45	Residence	Non-Participating	535485.86	4750210.08	0	1	7	7	0	0	0	0	0	0
432	Residence	Non-Participating	544171.18	4745095.70	0	4	10	11	3	0	0	0	0	0
429	Residence	Non-Participating	544243.81	4745048.68	0	4	10	10	2	0	0	0	0	0
57	Residence	Non-Participating	535339.85	4750150.80	0	1	7	7	0	0	0	0	0	0
58	Residence	Non-Participating	535311.11	4750151.22	0	1	7	7	0	0	0	0	0	0
66	Residence	Non-Participating	535318.53	4750106.96	0	1	7	7	0	0	0	0	0	0
15	Residence	Non-Participating	535599.89	4749922.30	0	2	7	7	0	0	0	0	0	0
14	Residence	Non-Participating	535432.57	4750313.03	0	1	7	7	0	0	0	0	0	0
17	Residence	Non-Participating	535465.72	4750307.43	0	1	7	7	0	0	0	0	0	0
16	Residence	Non-Participating	535445.11	4750309.40	0	1	7	7	0	0	0	0	0	0
54	Residence	Non-Participating	535414.66	4750145.97	0	1	7	7	0	0	0	0	0	0
490	Residence	Non-Participating	544193.57	4745611.89	0	4	10	10	3	0	0	0	0	0
56	Residence	Non-Participating	535359.88	4750149.92	0	1	7	7	0	0	0	0	0	0
65	Residence	Non-Participating	535314.22	4750123.94	0	1	7	7	0	0	0	0	0	0
18	Residence	Non-Participating	535481.41	4750306.82	0	1	7	7	0	0	0	0	0	0
64	Residence	Non-Participating	535285.24	4750037.14	0	1	7	7	0	0	0	0	0	0
53	Residence	Non-Participating	535452.72	4750145.88	0	1	7	7	0	0	0	0	0	0
55	Residence	Non-Participating	535397.42	4750150.87	0	1	7	7	0	0	0	0	0	0
63	Residence	Non-Participating	535279.45	4750081.03	0	1	7	7	0	0	0	0	0	0
36	Residence	Non-Participating	535551.76	4750257.86	0	1	7	7	0	0	0	0	0	0
61	Residence	Non-Participating	535276.07	4750128.84	0	1	7	7	0	0	0	0	0	0
62	Residence	Non-Participating	535279.24	4750104.28	0	1	7	7	0	0	0	0	0	0
34	Residence	Non-Participating	535599.02	4750267.76	0	1	7	7	0	0	0	0	0	0
35	Residence	Non-Participating	535569.34	4750285.24	0	1	7	7	0	0	0	0	0	0
21	Residence	Non-Participating	535319.15	4750267.24	0	1	7	7	0	0	0	0	0	0
37	Residence	Non-Participating	535290.18	4750230.94	0	1	7	7	0	0	0	0	0	0
22	Residence	Non-Participating	535347.52	4750264.81	0	1	7	7	0	0	0	0	0	0
23	Residence	Non-Participating	535368.55	4750266.90	0	1	7	7	0	0	0	0	0	0
675	Residence	Non-Participating	538265.50	4750079.63	0	4	9	10	2	0	0	0	0	0
25	Residence	Non-Participating	535426.27	4750267.00	0	1	7	7	0	0	0	0	0	0
26	Residence	Non-Participating	535443.19	4750265.42	0	1	7	7	0	0	0	0	0	0
42	Residence	Non-Participating	535424.15	4750223.78	0	1	7	7	0	0	0	0	0	0
38	Residence	Non-Participating	535308.54	4750236.21	0	1	7	7	0	0	0	0	0	0
40	Residence	Non-Participating	535374.50	4750209.16	0	1	7	7	0	0	0	0	0	0
41	Residence	Non-Participating	535407.20	4750220.21	0	1	7	7	0	0	0	0	0	0
67	Residence	Non-Participating	535349.12	4750119.44	0	1	7	7	0	0	0	0	0	0
674	Residence	Non-Participating	537567.07	4750210.93	0	3	9	9	1	0	0	0	0	0
39	Residence	Non-Participating	535346.67	4750233.69	0	1	7	7	0	0	0	0	0	0
13	Residence	Non-Participating	535553.23	4750037.01	0	2	7	7	0	0	0	0	0	0
673	Residence	Non-Participating	537509.03	4750239.20	0	3	8	9	1	0	0	0	0	0
671	Residence	Non-Participating	537064.45	4750659.62	0	10	15	10	1	0	0	0	0	0
672	Residence	Non-Participating	537304.28	4750342.19	0	3	8	9	0	0	0	0	0	0

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
108	Residence	Non-Participating	535599.54	4750145.06	0	2	7	7	0	0	0	0	0	0
109	Residence	Non-Participating	535631.95	4750143.64	0	2	7	7	0	0	0	0	0	0
710	Residence	Non-Participating	535790.69	4750952.41	0	1	6	6	0	0	0	0	0	0
712	Residence	Non-Participating	535489.59	4750482.00	0	1	6	7	0	0	0	0	0	0
713	Residence	Non-Participating	535461.45	4750426.92	0	1	7	7	0	0	0	0	0	0
225	Residence	Non-Participating	535399.61	4749889.32	0	2	7	7	0	0	0	0	0	0
226	Residence	Non-Participating	535419.72	4749890.47	0	2	7	7	0	0	0	0	0	0
227	Residence	Non-Participating	535438.56	4749887.76	0	2	7	7	0	0	0	0	0	0
228	Residence	Non-Participating	535464.78	4749887.00	0	2	7	7	0	0	0	0	0	0
229	Residence	Non-Participating	535472.40	4749840.34	0	2	7	7	0	0	0	0	0	0
230	Residence	Non-Participating	535487.53	4749887.91	0	2	7	7	0	0	0	0	0	0
238	Residence	Non-Participating	535585.40	4749884.33	0	2	7	8	0	0	0	0	0	0
240	Residence	Non-Participating	535689.17	4747633.01	0	4	10	11	3	0	0	0	0	0
224	Residence	Non-Participating	535376.41	4749878.19	0	2	7	7	0	0	0	0	0	0
11	Residence	Non-Participating	535735.39	4750016.00	0	2	7	8	0	0	0	0	0	0
12	Residence	Non-Participating	535416.79	4750316.17	0	1	7	7	0	0	0	0	0	0
213	Residence	Non-Participating	535475.27	4749700.10	0	2	7	8	0	0	0	0	0	0
223	Residence	Non-Participating	535420.98	4749823.42	0	2	7	7	0	0	0	0	0	0
10	Residence	Non-Participating	535684.95	4750024.60	0	2	7	7	0	0	0	0	0	0
237	Residence	Non-Participating	535614.10	4749831.44	0	2	7	8	0	0	0	0	0	0
221	Residence	Non-Participating	535555.25	4749793.70	0	2	7	8	0	0	0	0	0	0
232	Residence	Non-Participating	535517.03	4749887.07	0	2	7	7	0	0	0	0	0	0
236	Residence	Non-Participating	535590.27	4749833.13	0	2	7	8	0	0	0	0	0	0
218	Residence	Non-Participating	535476.23	4749799.31	0	2	7	7	0	0	0	0	0	0
8	Residence	Non-Participating	535641.29	4750027.00	0	2	7	7	0	0	0	0	0	0
9	Residence	Non-Participating	535590.08	4750042.32	0	2	7	7	0	0	0	0	0	0
7	Residence	Non-Participating	535397.27	4750315.21	0	1	7	7	0	0	0	0	0	0
68	Residence	Non-Participating	535334.06	4750066.12	0	1	7	7	0	0	0	0	0	0
69	Residence	Non-Participating	535389.31	4750119.30	0	1	7	7	0	0	0	0	0	0
6	Residence	Non-Participating	535572.60	4750043.28	0	2	7	7	0	0	0	0	0	0
5	Residence	Non-Participating	535375.19	4750322.66	0	1	7	7	0	0	0	0	0	0
70	Residence	Non-Participating	535410.06	4750115.94	0	1	7	7	0	0	0	0	0	0
19	Residence	Non-Participating	535494.88	4750297.01	0	1	7	7	0	0	0	0	0	0
20	Residence	Non-Participating	535325.17	4750287.73	0	1	7	7	0	0	0	0	0	0
71	Residence	Non-Participating	535449.46	4750109.42	0	1	7	7	0	0	0	0	0	0
4	Residence	Non-Participating	535850.48	4750922.48	0	1	6	6	0	0	0	0	0	0
72	Residence	Non-Participating	535481.96	4750113.72	0	1	7	7	0	0	0	0	0	0
73	Residence	Non-Participating	535496.55	4750113.79	0	1	7	7	0	0	0	0	0	0
74	Residence	Non-Participating	535516.19	4750110.90	0	1	7	7	0	0	0	0	0	0
77	Residence	Non-Participating	535338.77	4750030.89	0	1	7	7	0	0	0	0	0	0
24	Residence	Non-Participating	535405.29	4750268.32	0	1	7	7	0	0	0	0	0	0
75	Residence	Non-Participating	535531.34	4750111.81	0	2	7	7	0	0	0	0	0	0
76	Residence	Non-Participating	535526.21	4750077.56	0	2	7	7	0	0	0	0	0	0
27	Residence	Non-Participating	535454.98	4750263.88	0	1	7	7	0	0	0	0	0	0
28	Residence	Non-Participating	535475.90	4750260.58	0	1	7	7	0	0	0	0	0	0

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
29	Residence	Non-Participating	535489.11	4750261.09	0	1	7	7	0	0	0	0	0	0
30	Residence	Non-Participating	535514.35	4750258.89	0	1	7	7	0	0	0	0	0	0
31	Residence	Non-Participating	535525.71	4750293.02	0	1	7	7	0	0	0	0	0	0
32	Residence	Non-Participating	535538.24	4750293.52	0	1	7	7	0	0	0	0	0	0
33	Residence	Non-Participating	535556.37	4750290.01	0	1	7	7	0	0	0	0	0	0
78	Residence	Non-Participating	535368.80	4750042.73	0	1	7	7	0	0	0	0	0	0
79	Residence	Non-Participating	535349.01	4750011.02	0	1	7	7	0	0	0	0	0	0
80	Residence	Non-Participating	535349.58	4749987.33	0	1	7	7	0	0	0	0	0	0
81	Residence	Non-Participating	535350.20	4749960.43	0	2	7	7	0	0	0	0	0	0
82	Residence	Non-Participating	535358.14	4749928.95	0	2	7	7	0	0	0	0	0	0
83	Residence	Non-Participating	535381.98	4749922.90	0	2	7	7	0	0	0	0	0	0
84	Residence	Non-Participating	535404.13	4749925.81	0	2	7	7	0	0	0	0	0	0
85	Residence	Non-Participating	535432.55	4749923.05	0	2	7	7	0	0	0	0	0	0
86	Residence	Non-Participating	535459.42	4749927.13	0	2	7	7	0	0	0	0	0	0
87	Residence	Non-Participating	535493.65	4749930.71	0	2	7	7	0	0	0	0	0	0
88	Residence	Non-Participating	535534.50	4749926.88	0	2	7	7	0	0	0	0	0	0
89	Residence	Non-Participating	535569.82	4749925.50	0	2	7	7	0	0	0	0	0	0
90	Residence	Non-Participating	535507.38	4750045.08	0	2	7	7	0	0	0	0	0	0
91	Residence	Non-Participating	535490.43	4750040.56	0	2	7	7	0	0	0	0	0	0
92	Residence	Non-Participating	535462.14	4750043.77	0	2	7	7	0	0	0	0	0	0
93	Residence	Non-Participating	535443.39	4750044.30	0	2	7	7	0	0	0	0	0	0
94	Residence	Non-Participating	535423.69	4750042.15	0	1	7	7	0	0	0	0	0	0
95	Residence	Non-Participating	535399.79	4750044.77	0	1	7	7	0	0	0	0	0	0
96	Residence	Non-Participating	535701.31	4750062.31	0	2	7	7	0	0	0	0	0	0
97	Residence	Non-Participating	535670.48	4750063.36	0	2	7	7	0	0	0	0	0	0
98	Residence	Non-Participating	535625.13	4750066.86	0	2	7	7	0	0	0	0	0	0
99	Residence	Non-Participating	535565.66	4750074.10	0	2	7	7	0	0	0	0	0	0
100	Residence	Non-Participating	535563.19	4750095.20	0	2	7	7	0	0	0	0	0	0
101	Residence	Non-Participating	535564.17	4750112.44	0	2	7	7	0	0	0	0	0	0
102	Residence	Non-Participating	535659.89	4750110.60	0	2	7	7	0	0	0	0	0	0
103	Residence	Non-Participating	535562.79	4750141.32	0	2	7	7	0	0	0	0	0	0
104	Residence	Non-Participating	535559.82	4750198.01	0	1	7	7	0	0	0	0	0	0
105	Residence	Non-Participating	535557.11	4750211.37	0	1	7	7	0	0	0	0	0	0
106	Residence	Non-Participating	535556.93	4750227.57	0	1	7	7	0	0	0	0	0	0
107	Residence	Non-Participating	535629.62	4750212.90	0	1	7	7	0	0	0	0	0	0
110	Residence	Non-Participating	535656.92	4750141.83	0	2	7	7	0	0	0	0	0	0
111	Residence	Non-Participating	535689.58	4750140.69	0	2	7	7	0	0	0	0	0	0
112	Residence	Non-Participating	535720.17	4750143.26	0	2	7	7	0	0	0	0	0	0
113	Residence	Non-Participating	535751.19	4750130.37	0	2	7	7	0	0	0	0	0	0
114	Residence	Non-Participating	535796.42	4750128.53	0	2	7	7	0	0	0	0	0	0
115	Residence	Non-Participating	535886.56	4750155.25	0	2	7	7	0	0	0	0	0	0
116	Residence	Non-Participating	535845.45	4750170.81	0	2	7	7	0	0	0	0	0	0
117	Residence	Non-Participating	535817.46	4750176.34	0	2	7	7	0	0	0	0	0	0
118	Residence	Non-Participating	535779.18	4750179.08	0	2	7	7	0	0	0	0	0	0
119	Residence	Non-Participating	535759.43	4750186.47	0	2	7	7	0	0	0	0	0	0

Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
120	Residence	Non-Participating	535709.57	4750193.31	0	2	7	7	0	0	0	0	0	0
121	Residence	Non-Participating	535688.90	4750199.89	0	2	7	7	0	0	0	0	0	0
122	Residence	Non-Participating	535650.96	4750205.69	0	2	7	7	0	0	0	0	0	0
123	Residence	Non-Participating	535264.19	4749940.39	0	1	7	7	0	0	0	0	0	0
124	Residence	Non-Participating	535283.04	4749947.27	0	1	7	7	0	0	0	0	0	0
125	Residence	Non-Participating	535314.70	4749937.56	0	1	7	7	0	0	0	0	0	0
126	Residence	Non-Participating	535309.18	4749911.76	0	2	7	7	0	0	0	0	0	0
127	Residence	Non-Participating	535266.38	4749881.05	0	2	7	7	0	0	0	0	0	0
128	Residence	Non-Participating	535342.97	4749853.06	0	2	7	7	0	0	0	0	0	0
129	Residence	Non-Participating	535349.15	4749838.03	0	2	7	7	0	0	0	0	0	0
130	Residence	Non-Participating	535355.69	4749822.40	0	2	7	7	0	0	0	0	0	0
131	Residence	Non-Participating	535361.90	4749809.62	0	2	7	7	0	0	0	0	0	0
132	Residence	Non-Participating	535287.09	4749803.76	0	2	7	7	0	0	0	0	0	0
133	Residence	Non-Participating	535296.20	4749790.88	0	2	7	7	0	0	0	0	0	0
134	Residence	Non-Participating	535300.87	4749777.90	0	2	7	7	0	0	0	0	0	0
135	Residence	Non-Participating	535283.07	4749824.37	0	2	7	7	0	0	0	0	0	0
136	Residence	Non-Participating	535356.68	4749776.57	0	2	7	7	0	0	0	0	0	0
137	Residence	Non-Participating	535375.29	4749783.38	0	2	7	7	0	0	0	0	0	0
138	Residence	Non-Participating	535280.17	4749740.65	0	2	7	7	0	0	0	0	0	0
139	Residence	Non-Participating	535271.47	4749751.97	0	2	7	7	0	0	0	0	0	0
140	Residence	Non-Participating	535288.79	4749728.27	0	2	7	7	0	0	0	0	0	0
141	Residence	Non-Participating	535314.68	4749725.68	0	2	7	7	0	0	0	0	0	0
142	Residence	Non-Participating	535331.05	4749732.23	0	2	7	7	0	0	0	0	0	0
143	Residence	Non-Participating	535341.70	4749737.09	0	2	7	7	0	0	0	0	0	0
144	Residence	Non-Participating	535358.41	4749743.95	0	2	7	7	0	0	0	0	0	0
145	Residence	Non-Participating	535390.59	4749757.40	0	2	7	7	0	0	0	0	0	0
146	Residence	Non-Participating	535409.21	4749714.39	0	2	7	8	0	0	0	0	0	0
147	Residence	Non-Participating	535399.47	4749734.84	0	2	7	7	0	0	0	0	0	0
148	Residence	Non-Participating	535413.91	4749695.69	0	2	7	8	0	0	0	0	0	0
149	Residence	Non-Participating	535410.08	4749663.19	0	2	7	8	0	0	0	0	0	0
150	Residence	Non-Participating	535469.36	4749585.39	0	2	7	8	0	0	0	0	0	0
151	Residence	Non-Participating	535482.73	4749527.52	0	2	8	8	0	0	0	0	0	0
152	Residence	Non-Participating	535462.52	4749548.55	0	2	8	8	0	0	0	0	0	0
153	Residence	Non-Participating	535421.88	4749565.56	0	2	7	8	0	0	0	0	0	0
154	Residence	Non-Participating	535398.58	4749570.10	0	2	7	8	0	0	0	0	0	0
155	Residence	Non-Participating	535378.05	4749578.52	0	2	7	8	0	0	0	0	0	0
156	Residence	Non-Participating	535354.20	4749592.05	0	2	7	8	0	0	0	0	0	0
157	Residence	Non-Participating	535334.69	4749601.51	0	2	7	8	0	0	0	0	0	0
158	Residence	Non-Participating	535324.23	4749557.37	0	2	7	8	0	0	0	0	0	0
159	Residence	Non-Participating	535349.19	4749547.58	0	2	7	8	0	0	0	0	0	0
160	Residence	Non-Participating	535390.59	4749532.39	0	2	7	8	0	0	0	0	0	0
161	Residence	Non-Participating	535411.94	4749520.72	0	2	7	8	0	0	0	0	0	0
162	Residence	Non-Participating	535439.96	4749506.86	0	2	8	8	0	0	0	0	0	0
163	Residence	Non-Participating	535456.25	4749499.30	0	2	8	8	0	0	0	0	0	0
164	Residence	Non-Participating	535473.60	4749490.47	0	2	8	8	0	0	0	0	0	0



Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			UTM NAD83 Zone 18N (meters)			31.5	63	125	250	500	1000	2000	4000	8000
			X (m)	Y (m)										
165	Residence	Non-Participating	535492.96	4749475.29	0	2	8	8	0	0	0	0	0	0
166	Residence	Non-Participating	535511.64	4749462.50	0	2	8	8	0	0	0	0	0	0
167	Residence	Non-Participating	535507.01	4749513.07	0	2	8	8	0	0	0	0	0	0
170	Residence	Non-Participating	535833.09	4748378.69	0	4	9	10	2	0	0	0	0	0
171	Residence	Non-Participating	535965.15	4748708.69	0	4	9	10	2	0	0	0	0	0
172	Residence	Non-Participating	535707.43	4748954.17	0	3	9	9	1	0	0	0	0	0
173	Residence	Non-Participating	535387.63	4750398.15	0	1	6	7	0	0	0	0	0	0
174	Residence	Non-Participating	535389.48	4750414.75	0	1	6	7	0	0	0	0	0	0
175	Residence	Non-Participating	535422.76	4750392.55	0	1	7	7	0	0	0	0	0	0
176	Residence	Non-Participating	535477.37	4750387.79	0	1	7	7	0	0	0	0	0	0
177	Residence	Non-Participating	535510.04	4750414.50	0	1	7	7	0	0	0	0	0	0
178	Residence	Non-Participating	535453.87	4750387.86	0	1	7	7	0	0	0	0	0	0
179	Residence	Non-Participating	535513.88	4750400.95	0	1	7	7	0	0	0	0	0	0
180	Residence	Non-Participating	535533.39	4750383.84	0	1	7	7	0	0	0	0	0	0
181	Residence	Non-Participating	535637.66	4750371.35	0	1	7	7	0	0	0	0	0	0
182	Residence	Non-Participating	535687.86	4750381.19	0	1	7	7	0	0	0	0	0	0
183	Residence	Non-Participating	535822.66	4750343.65	0	2	7	7	0	0	0	0	0	0
187	Residence	Non-Participating	535937.98	4750197.93	0	2	7	7	0	0	0	0	0	0
188	Residence	Non-Participating	536016.09	4750175.76	0	2	7	8	0	0	0	0	0	0
207	Residence	Non-Participating	535554.93	4749528.47	0	2	8	8	0	0	0	0	0	0
208	Residence	Non-Participating	535522.48	4749558.48	0	2	8	8	0	0	0	0	0	0
209	Residence	Non-Participating	535489.21	4749652.34	0	2	7	8	0	0	0	0	0	0
210	Residence	Non-Participating	535609.39	4749704.71	0	2	8	8	0	0	0	0	0	0
211	Residence	Non-Participating	535553.83	4749697.51	0	2	7	8	0	0	0	0	0	0
212	Residence	Non-Participating	535505.49	4749698.73	0	2	7	8	0	0	0	0	0	0
214	Residence	Non-Participating	535505.31	4749727.82	0	2	7	8	0	0	0	0	0	0
215	Residence	Non-Participating	535458.75	4749727.66	0	2	7	8	0	0	0	0	0	0
216	Residence	Non-Participating	535438.77	4749765.51	0	2	7	7	0	0	0	0	0	0
217	Residence	Non-Participating	535427.36	4749786.90	0	2	7	7	0	0	0	0	0	0
219	Residence	Non-Participating	535501.74	4749798.33	0	2	7	8	0	0	0	0	0	0
220	Residence	Non-Participating	535544.51	4749757.15	0	2	7	8	0	0	0	0	0	0
231	Residence	Non-Participating	535501.18	4749838.59	0	2	7	7	0	0	0	0	0	0
233	Residence	Non-Participating	535541.92	4749886.01	0	2	7	7	0	0	0	0	0	0
234	Residence	Non-Participating	535530.79	4749837.66	0	2	7	8	0	0	0	0	0	0
235	Residence	Non-Participating	535557.21	4749836.68	0	2	7	8	0	0	0	0	0	0
291	Residence	Non-Participating	536099.24	4748289.66	0	4	10	11	3	0	0	0	0	0
376	Residence	Non-Participating	542845.66	4741275.45	0	3	9	9	1	0	0	0	0	0
377	Residence	Non-Participating	542804.60	4741307.07	0	3	9	9	1	0	0	0	0	0
378	Residence	Non-Participating	542864.93	4741343.78	0	3	9	9	1	0	0	0	0	0
379	Residence	Non-Participating	542778.66	4741367.17	0	3	9	9	1	0	0	0	0	0
380	Residence	Non-Participating	542718.02	4741362.33	0	3	9	10	1	0	0	0	0	0
381	Residence	Non-Participating	542755.47	4741347.17	0	3	9	9	1	0	0	0	0	0
382	Residence	Non-Participating	542633.14	4741375.49	0	4	9	10	1	0	0	0	0	0
383	Residence	Non-Participating	542491.09	4741429.67	0	4	9	10	2	0	0	0	0	0
390	Residence	Non-Participating	541997.45	4741549.11	0	4	10	11	3	0	0	0	0	0

**Table 7-5.1b: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating Receptors]**

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
391	Residence	Non-Participating	541998.52	4741559.03	0	4	10	11	3	0	0	0	0	0
393	Residence	Non-Participating	542014.48	4741564.21	0	4	10	11	3	0	0	0	0	0
394	Residence	Non-Participating	541955.08	4741511.06	0	4	10	11	3	0	0	0	0	0
395	Residence	Non-Participating	541959.73	4741499.92	0	4	10	11	3	0	0	0	0	0
396	Residence	Non-Participating	541942.14	4741485.47	0	4	10	11	3	0	0	0	0	0
397	Residence	Non-Participating	542857.99	4741403.97	0	3	9	9	1	0	0	0	0	0
398	Residence	Non-Participating	542877.25	4741450.35	0	3	9	9	1	0	0	0	0	0
400	Residence	Non-Participating	542962.99	4741684.50	0	4	9	10	2	0	0	0	0	0
402	Residence	Non-Participating	543017.24	4741910.21	0	4	9	10	2	0	0	0	0	0
442	Residence	Non-Participating	544096.72	4745210.20	0	4	10	11	3	0	0	0	0	0

Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
<b>709</b>	<b>Residence</b>	<b>Non-Participating</b>	<b>539804.05</b>	<b>4745074.50</b>	<b>35</b>	<b>36</b>	<b>42</b>	<b>40</b>	<b>32</b>	<b>34</b>	<b>30</b>	<b>23</b>	<b>10</b>	<b>0</b>
<b>442</b>	<b>Residence</b>	<b>Non-Participating</b>	<b>544097</b>	<b>4745210</b>	<b>0</b>	<b>4</b>	<b>10</b>	<b>11</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table 7-5.1c: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Participating Receptors]**

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
			426	Residence		Participating	541993.55	4744036.02	7	9	15	16	9	7
753	Residence	Participating	540259.40	4744697.95	25	29	34	29	23	25	19	9	0	0
754	Residence	Participating	540049.68	4745189.56	31	34	40	36	29	31	26	19	2	0
756	Residence	Participating	537200.43	4749151.65	0	4	10	11	3	0	0	0	0	0
757	Residence	Participating	537562.67	4749279.79	0	5	10	11	3	0	0	0	0	0
758	Residence	Participating	536085.75	4748810.84	0	4	9	10	2	0	0	0	0	0
759	Residence	Participating	541873.36	4743852.36	7	9	15	16	9	7	0	0	0	0
762	Residence	Participating	542244.43	4744805.21	7	9	15	16	9	7	0	0	0	0
763	Residence	Participating	542681.43	4745361.19	5	8	13	15	8	5	0	0	0	0
764	Residence	Participating	536288.67	4749487.46	0	3	9	9	1	0	0	0	0	0
Summary of Maximum and Minimum Sound Levels for Participating Residential Receptors														
<b>754</b>	<b>Residence</b>	<b>Participating</b>	<b>540049.68</b>	<b>4745189.56</b>	<b>31</b>	<b>34</b>	<b>40</b>	<b>36</b>	<b>29</b>	<b>31</b>	<b>26</b>	<b>19</b>	<b>2</b>	<b>0</b>
<b>764</b>	<b>Residence</b>	<b>Participating</b>	<b>536288.67</b>	<b>4749487.46</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Table 7-5.1d: Unmitigated Substation Only Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Participating Receptors]**

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 8-hr Leq [dBA]	Leq (dB) per Octave Band Center Frequency (Hz) - Acoustic Modeling Results								
			X (m)	Y (m)		31.5	63	125	250	500	1000	2000	4000	8000
			754	Residence		Participating	540049.68	4745189.56	31	34	40	36	29	31
753	Residence	Participating	540259.40	4744697.95	25	29	34	29	23	25	19	9	0	0
762	Residence	Participating	542244.43	4744805.21	7	9	15	16	9	7	0	0	0	0
759	Residence	Participating	541873.36	4743852.36	7	9	15	16	9	7	0	0	0	0
426	Residence	Participating	541993.55	4744036.02	7	9	15	16	9	7	0	0	0	0
763	Residence	Participating	542681.43	4745361.19	5	8	13	15	8	5	0	0	0	0
757	Residence	Participating	537562.67	4749279.79	0	5	10	11	3	0	0	0	0	0
758	Residence	Participating	536085.75	4748810.84	0	4	9	10	2	0	0	0	0	0
756	Residence	Participating	537200.43	4749151.65	0	4	10	11	3	0	0	0	0	0
764	Residence	Participating	536288.67	4749487.46	0	3	9	9	1	0	0	0	0	0
Summary of Maximum and Minimum Sound Levels for Participating Residential Receptors														
<b>754</b>	<b>Residence</b>	<b>Participating</b>	<b>540049.68</b>	<b>4745189.56</b>	<b>31</b>	<b>34</b>	<b>40</b>	<b>36</b>	<b>29</b>	<b>31</b>	<b>26</b>	<b>19</b>	<b>2</b>	<b>0</b>
<b>764</b>	<b>Residence</b>	<b>Participating</b>	<b>536288.67</b>	<b>4749487.46</b>	<b>0</b>	<b>3</b>	<b>9</b>	<b>9</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>