

Appendix 7-5

Collector Substation Modeled Sound Levels Leq (1-hour)

Table 7-5.1a: Unmitigated Collector Substation Sound Level Modeling Results (Leq (1-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-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)											
1	Residence	Non-Participating	570526.89	4975010.27	18	0	0	9	11	15	11	2	0	0	
2	Residence	Non-Participating	571020.57	4974883.12	15	0	0	6	8	12	7	0	0	0	
3	Residence	Non-Participating	569788.54	4972662.87	12	0	0	3	5	9	3	0	0	0	
4	Residence	Non-Participating	570645.34	4974991.69	18	0	0	8	10	15	10	1	0	0	
5	Residence	Non-Participating	570101.54	4973877.60	31	0	13	20	20	27	26	20	5	0	
6	Residence	Non-Participating	569503.14	4975502.30	14	0	0	6	7	11	6	0	0	0	
7	Residence	Non-Participating	567874.40	4974593.39	14	0	0	4	5	11	7	0	0	0	
8	Residence	Non-Participating	568426.15	4976982.16	4	0	0	0	0	0	0	0	0	0	
9	Residence	Non-Participating	569890.16	4972642.77	12	0	0	3	5	9	3	0	0	0	
10	Residence	Non-Participating	569492.44	4975305.15	21	0	5	10	12	18	16	5	0	0	
11	Residence	Non-Participating	571142.46	4974994.81	14	0	0	5	7	11	6	0	0	0	
12	Residence	Non-Participating	567601.29	4974552.31	12	0	0	3	4	9	5	0	0	0	
13	Residence	Non-Participating	567450.50	4974588.06	11	0	0	2	3	8	3	0	0	0	
14	Residence	Non-Participating	569779.96	4972718.54	12	0	0	4	5	9	4	0	0	0	
15	Residence	Non-Participating	569419.90	4973499.31	18	0	0	8	10	15	10	1	0	0	
16	Residence	Non-Participating	569542.36	4975187.37	23	0	6	11	13	19	17	8	0	0	
17	Residence	Non-Participating	568801.09	4973539.58	14	0	0	5	7	11	6	0	0	0	
18	Residence	Non-Participating	569143.75	4976470.06	8	0	0	0	1	4	0	0	0	0	
19	Residence	Non-Participating	567908.80	4974653.58	14	0	0	4	5	11	7	0	0	0	
20	Residence	Non-Participating	567635.48	4976709.39	3	0	0	0	0	0	0	0	0	0	
21	Residence	Non-Participating	569164.72	4973481.06	16	0	0	7	9	13	8	0	0	0	
23	Residence	Non-Participating	571171.85	4975083.85	13	0	0	5	6	10	5	0	0	0	
24	Residence	Non-Participating	567358.01	4974579.60	11	0	0	2	3	8	3	0	0	0	
25	Residence	Non-Participating	567865.74	4974643.66	14	0	0	4	5	11	6	0	0	0	
26	Residence	Non-Participating	567206.04	4974484.50	10	0	0	1	2	7	2	0	0	0	
27	Residence	Non-Participating	567770.72	4974632.39	13	0	0	3	5	10	6	0	0	0	
28	Residence	Non-Participating	567829.30	4974696.08	13	0	0	4	5	10	6	0	0	0	
29	Residence	Non-Participating	567896.79	4974605.77	14	0	0	4	5	11	7	0	0	0	
30	Residence	Non-Participating	567823.24	4974730.28	13	0	0	4	5	10	6	0	0	0	
33	Residence	Non-Participating	569592.99	4975870.92	12	0	0	3	5	9	3	0	0	0	
34	Residence	Non-Participating	569504.05	4975757.42	13	0	0	4	6	10	4	0	0	0	
35	Residence	Non-Participating	569135.05	4973566.76	16	0	0	7	9	13	9	0	0	0	
36	Residence	Non-Participating	567992.01	4972732.56	7	0	0	0	0	3	0	0	0	0	
37	Residence	Non-Participating	571221.73	4974331.59	15	0	0	6	8	12	7	0	0	0	
38	Residence	Non-Participating	571246.18	4974987.13	13	0	0	5	6	10	5	0	0	0	
39	Residence	Non-Participating	568050.08	4976887.75	8	0	0	0	0	5	0	0	0	0	
40	Residence	Non-Participating	571064.71	4975061.06	14	0	0	5	7	11	6	0	0	0	
41	Residence	Non-Participating	570389.50	4974955.50	20	0	0	10	12	17	13	4	0	0	
42	Residence	Non-Participating	569982.40	4974909.35	22	0	0	12	14	19	15	8	0	0	
43	Residence	Non-Participating	567619.68	4974621.20	12	0	0	3	4	9	5	0	0	0	
44	Residence	Non-Participating	569530.36	4973388.50	17	0	0	8	10	14	10	0	0	0	
45	Residence	Non-Participating	567658.81	4975808.73	10	0	0	1	2	7	2	0	0	0	
47	Residence	Non-Participating	571727.97	4975173.72	10	0	0	2	3	7	0	0	0	0	
48	Residence	Non-Participating	567999.89	4974675.08	14	0	0	4	6	11	7	0	0	0	
49	Residence	Non-Participating	568188.77	4974614.39	11	0	0	2	4	8	2	0	0	0	
50	Residence	Non-Participating	569092.70	4974863.98	22	0	6	11	12	19	16	7	0	0	
51	Residence	Non-Participating	567611.82	4976061.41	5	0	0	0	0	1	0	0	0	0	
52	Residence	Non-Participating	567078.18	4974546.25	10	0	0	1	2	7	1	0	0	0	
53	Residence	Non-Participating	571675.96	4975170.15	10	0	0	2	3	7	1	0	0	0	
54	Residence	Non-Participating	567606.08	4976666.80	3	0	0	0	0	0	0	0	0	0	
55	Residence	Non-Participating	571770.03	4975135.90	10	0	0	2	3	6	0	0	0	0	
56	Residence	Non-Participating	567394.31	4974580.16	11	0	0	2	3	8	3	0	0	0	
57	Residence	Non-Participating	567578.81	4974625.55	12	0	0	3	4	9	4	0	0	0	
58	Residence	Non-Participating	568969.68	4974677.93	22	0	6	10	12	19	16	6	0	0	
59	Residence	Non-Participating	569615.38	4976742.07	12	0	0	2	4	9	4	0	0	0	
60	Residence	Non-Participating	571192.92	4974736.34	14	0	0	6	7	12	6	0	0	0	
61	Residence	Non-Participating	567661.93	4975676.70	11	0	0	2	3	8	2	0	0	0	
62	Residence	Non-Participating	569123.66	4976423.04	8	0	0	0	1	5	0	0	0	0	
63	Residence	Non-Participating	571254.84	4973226.13	12	0	0	3	5	9	3	0	0	0	
64	Residence	Non-Participating	570899.24	4974962.89	16	0	0	7	9	13	8	0	0	0	
65	Residence	Non-Participating	567827.43	4974924.69	13	0	0	3	5	10	6	0	0	0	
66	Residence	Non-Participating	567865.10	4973458.08	8	0	0	0	1	5	0	0	0	0	
67	Residence	Non-Participating	568135.60	4973464.63	9	0	0	1	3	6	0	0	0	0	
68	Residence	Non-Participating	570247.14	4973066.57	15	0	0	6	8	12	7	0	0	0	
69	Residence	Non-Participating	567261.42	4974576.57	10	0	0	2	2	7	2	0	0	0	
70	Residence	Non-Participating	567731.70	4974580.86	13	0	0	3	5	10	5	0	0	0	
71	Residence	Non-Participating	567555.05	4976845.37	2	0	0	0	0	0	0	0	0	0	
73	Residence	Non-Participating	569636.66	4975682.88	13	0	0	5	6	10	5	0	0	0	
74	Residence	Non-Participating	569335.12	4976971.90	5	0	0	0	0	2	0	0	0	0	
76	Residence	Non-Participating	570069.24	4973844.04	31	0	13	19	20	27	25	19	4	0	
77	Residence	Non-Participating	571622.86	4975287.71	10	0	0	2	3	7	1	0	0	0	
78	Residence	Non-Participating	569340.09	4973515.31	17	0	0	8	10	14	10	0	0	0	
79	Residence	Non-Participating	567648.78	4976247.93	9	0	0	0	1	6	0	0	0	0	
81	Residence	Non-Participating	567095.99	4974476.66	10	0	0	1	2	7	1	0	0	0	
85	Residence	Non-Participating	567837.76	4974669.54	13	0	0	4	5	11	6	0	0	0	
87	Residence	Non-Participating	567968.16	4972915.58	7	0	0	0	1	4	0	0	0	0	
88	Residence	Non-Participating	569370.22	4973419.53	17	0	0	7	9	14	9	0	0	0	
92	Residence	Non-Participating	567955.81	4973529.50	9	0	0	1	2	5	0	0	0	0	
93	Residence	Non-Participating	568499.70	4974730.81	18	0	3	7	9	15	11	0	0	0	
94	Residence	Non-Participating	571793.55	4975085.47	10	0	0	2	3	6	0	0	0	0	
95	Residence	Non-Participating	569748.00	4973147.00	16	0	0	7	8	13	8	0	0	0	
96	Residence	Non-Participating	570756.32	4975017.54	17	0	0	7	9	14	9	0	0	0	
97	Residence	Non-Participating	571653.83	4975255.04	10	0	0	2	3	7	1	0	0	0	
98	Residence	Non-Participating	568286.12	4974641.33	16	0	2	6	7	13	10	0	0	0	
99	Residence	Non-Participating	569014.09	4976360.08	8	0	0	0	1	5	0	0	0	0	
101	Residence	Non-Participating	567573.14	4976186.26	9	0	0	0	1	6	0	0	0	0	
102	Residence	Non-Participating	570374.12	4974188.23	31	0	13	20	21	28	26	21	6	0	

Table 7-5.1a: Unmitigated Collector Substation Sound Level Modeling Results (Leq (1-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Non-Participating]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-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)										
103	Residence	Non-Participating	567617.81	4976605.86	3	0	0	0	0	0	0	0	0	0
104	Residence	Non-Participating	568987.59	4973498.84	15	0	0	6	8	12	7	0	0	0
105	Residence	Non-Participating	569985.26	4972813.82	13	0	0	4	6	10	5	0	0	0
106	Residence	Non-Participating	567821.18	4974767.30	13	0	0	4	5	10	6	0	0	0
107	Residence	Non-Participating	570155.74	4973804.16	29	0	12	18	19	26	24	18	0	0
108	Residence	Non-Participating	569583.32	4974879.35	26	0	9	15	16	23	21	13	0	0
109	Residence	Non-Participating	568554.84	4976972.00	4	0	0	0	0	1	0	0	0	0
110	Residence	Non-Participating	568617.06	4977048.25	9	0	0	0	1	6	0	0	0	0
111	Residence	Non-Participating	570206.97	4973985.01	32	0	14	21	21	28	27	21	7	0
112	Residence	Non-Participating	569298.10	4974825.86	24	0	8	13	14	21	19	10	0	0
113	Residence	Non-Participating	571352.25	4973723.05	13	0	0	4	6	10	5	0	0	0
114	Residence	Non-Participating	569727.70	4973198.72	16	0	0	7	9	13	8	0	0	0
115	Residence	Non-Participating	569748.92	4973289.76	17	0	0	8	10	14	10	0	0	0
117	Residence	Non-Participating	568807.18	4976282.81	8	0	0	0	1	5	0	0	0	0
118	Residence	Non-Participating	571667.14	4975129.30	10	0	0	2	3	7	1	0	0	0
119	Residence	Non-Participating	571206.49	4974971.80	14	0	0	5	6	11	5	0	0	0
120	Residence	Non-Participating	567634.16	4976457.41	4	0	0	0	0	0	0	0	0	0
121	Residence	Non-Participating	568316.78	4976922.96	4	0	0	0	0	0	0	0	0	0
122	Residence	Non-Participating	567490.60	4977005.09	2	0	0	0	0	0	0	0	0	0
126	Residence	Non-Participating	567778.65	4974728.10	13	0	0	3	5	10	6	0	0	0
127	Residence	Non-Participating	569189.97	4974876.09	23	0	7	11	13	20	17	8	0	0
128	Residence	Non-Participating	570468.09	4975031.00	19	0	0	9	11	16	11	2	0	0
129	Residence	Non-Participating	571222.88	4973729.29	14	0	0	5	7	11	6	0	0	0
130	Residence	Non-Participating	571774.73	4975027.58	10	0	0	2	3	7	1	0	0	0
133	Residence	Non-Participating	570818.48	4974368.78	19	0	0	9	11	16	12	3	0	0
134	Residence	Non-Participating	571654.96	4975070.79	10	0	0	2	4	7	1	0	0	0
135	Residence	Non-Participating	569768.27	4972953.68	14	0	0	5	7	11	6	0	0	0
136	Residence	Non-Participating	571728.76	4975052.51	10	0	0	2	3	7	1	0	0	0
137	Residence	Non-Participating	571759.86	4975075.77	10	0	0	2	3	7	1	0	0	0
138	Residence	Non-Participating	568085.47	4972764.82	7	0	0	0	1	4	0	0	0	0
140	Residence	Non-Participating	568697.16	4973427.78	13	0	0	4	6	10	4	0	0	0
141	Residence	Non-Participating	569041.11	4976339.87	8	0	0	0	1	5	0	0	0	0
142	Residence	Non-Participating	567629.56	4975420.90	11	0	0	2	3	8	3	0	0	0
143	Residence	Non-Participating	567665.98	4975263.22	12	0	0	2	3	9	4	0	0	0
144	Residence	Non-Participating	567722.50	4975034.37	12	0	0	3	4	9	5	0	0	0
145	Residence	Non-Participating	570524.67	4974891.43	19	0	0	10	12	16	12	4	0	0
146	Residence	Non-Participating	567682.19	4976705.92	3	0	0	0	0	0	0	0	0	0
147	Residence	Non-Participating	567359.26	4976551.78	2	0	0	0	0	0	0	0	0	0
148	Residence	Non-Participating	567600.09	4976127.20	9	0	0	1	1	6	0	0	0	0
151	Residence	Non-Participating	569506.33	4975600.34	14	0	0	5	7	11	6	0	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
111	Residence	Non-Participating	570206.97	4973985.01	32	0	14	21	21	28	27	21	7	0
122	Residence	Non-Participating	567490.60	4977005.09	2	0	0	0	0	0	0	0	0	0

Table 7-5.1b: Unmitigated Collector Substation Sound Level Modeling Results (Leq (1-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates UTM NAD83 Zone 18N (meters)		Project Only Maximum 1-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
111	Residence	Non-Participating	570206.97	4973985.01	32	0	14	21	21	28	27	21	7	0
102	Residence	Non-Participating	570374.12	4974188.23	31	0	13	20	21	28	26	21	6	0
5	Residence	Non-Participating	570101.54	4973877.60	31	0	13	20	20	27	26	20	5	0
76	Residence	Non-Participating	570069.24	4973844.04	31	0	13	19	20	27	25	19	4	0
107	Residence	Non-Participating	570155.74	4973804.16	29	0	12	18	19	26	24	18	0	0
108	Residence	Non-Participating	569583.32	4974879.35	26	0	9	15	16	23	21	13	0	0
112	Residence	Non-Participating	569298.10	4974825.86	24	0	8	13	14	21	19	10	0	0
127	Residence	Non-Participating	569189.97	4974876.09	23	0	7	11	13	20	17	8	0	0
16	Residence	Non-Participating	569542.36	4975187.37	23	0	6	11	13	19	17	8	0	0
42	Residence	Non-Participating	569982.40	4974909.35	22	0	0	12	14	19	15	8	0	0
50	Residence	Non-Participating	569092.70	4974863.98	22	0	6	11	12	19	16	7	0	0
58	Residence	Non-Participating	568969.68	4974677.93	22	0	6	10	12	19	16	6	0	0
10	Residence	Non-Participating	569492.44	4975305.15	21	0	5	10	12	18	16	5	0	0
41	Residence	Non-Participating	570389.50	4974955.50	20	0	0	10	12	17	13	4	0	0
145	Residence	Non-Participating	570524.67	4974891.43	19	0	0	10	12	16	12	4	0	0
133	Residence	Non-Participating	570818.48	4974368.78	19	0	0	9	11	16	12	3	0	0
128	Residence	Non-Participating	570468.09	4975031.00	19	0	0	9	11	16	11	2	0	0
1	Residence	Non-Participating	570526.89	4975010.27	18	0	0	9	11	15	11	2	0	0
15	Residence	Non-Participating	569419.90	4973499.31	18	0	0	8	10	15	10	1	0	0
4	Residence	Non-Participating	570645.34	4974991.69	18	0	0	8	10	15	10	1	0	0
93	Residence	Non-Participating	568499.70	4974730.81	18	0	3	7	9	15	11	0	0	0
78	Residence	Non-Participating	569340.09	4973515.31	17	0	0	8	10	14	10	0	0	0
44	Residence	Non-Participating	569530.36	4973388.50	17	0	0	8	10	14	10	0	0	0
115	Residence	Non-Participating	569748.92	4973289.76	17	0	0	8	10	14	10	0	0	0
88	Residence	Non-Participating	569370.22	4973419.53	17	0	0	7	9	14	9	0	0	0
96	Residence	Non-Participating	570756.32	4975017.54	17	0	0	7	9	14	9	0	0	0
35	Residence	Non-Participating	569135.05	4973566.76	16	0	0	7	9	13	9	0	0	0
98	Residence	Non-Participating	568286.12	4974641.33	16	0	2	6	7	13	10	0	0	0
114	Residence	Non-Participating	569727.70	4973198.72	16	0	0	7	9	13	8	0	0	0
132	Residence	Non-Participating	570791.93	4975841.94	16	0	2	6	7	13	9	0	0	0
64	Residence	Non-Participating	570899.24	4974962.89	16	0	0	7	9	13	8	0	0	0
95	Residence	Non-Participating	569748.00	4973147.00	16	0	0	7	8	13	8	0	0	0
2	Residence	Non-Participating	571020.57	4974883.12	15	0	0	6	8	12	7	0	0	0
37	Residence	Non-Participating	571221.73	4974331.59	15	0	0	6	8	12	7	0	0	0
68	Residence	Non-Participating	570247.14	4973066.57	15	0	0	6	8	12	7	0	0	0
104	Residence	Non-Participating	568987.59	4973498.84	15	0	0	6	8	12	7	0	0	0
6	Residence	Non-Participating	569503.14	4975502.30	14	0	0	6	7	11	6	0	0	0
60	Residence	Non-Participating	571192.92	4974736.34	14	0	0	6	7	12	6	0	0	0
48	Residence	Non-Participating	567999.89	4974675.08	14	0	0	4	6	11	7	0	0	0
40	Residence	Non-Participating	571064.71	4975061.06	14	0	0	5	7	11	6	0	0	0
135	Residence	Non-Participating	569768.27	4972953.68	14	0	0	5	7	11	6	0	0	0
11	Residence	Non-Participating	571142.46	4974994.81	14	0	0	5	7	11	6	0	0	0
19	Residence	Non-Participating	567908.80	4974653.58	14	0	0	4	5	11	7	0	0	0
29	Residence	Non-Participating	567896.79	4974605.77	14	0	0	4	5	11	7	0	0	0
129	Residence	Non-Participating	571222.88	4973729.29	14	0	0	5	7	11	6	0	0	0
7	Residence	Non-Participating	567874.40	4974593.39	14	0	0	4	5	11	7	0	0	0
151	Residence	Non-Participating	569506.33	4975600.34	14	0	0	5	7	11	6	0	0	0
17	Residence	Non-Participating	568801.09	4973539.58	14	0	0	5	7	11	6	0	0	0
25	Residence	Non-Participating	567865.74	4974643.66	14	0	0	4	5	11	6	0	0	0
119	Residence	Non-Participating	571206.49	4974971.80	14	0	0	5	6	11	5	0	0	0
85	Residence	Non-Participating	567837.76	4974669.54	13	0	0	4	5	11	6	0	0	0
23	Residence	Non-Participating	571171.85	4975083.85	13	0	0	5	6	10	5	0	0	0
28	Residence	Non-Participating	567829.30	4974696.08	13	0	0	4	5	10	6	0	0	0
30	Residence	Non-Participating	567823.24	4974730.28	13	0	0	4	5	10	6	0	0	0
38	Residence	Non-Participating	571246.18	4974987.13	13	0	0	5	6	10	5	0	0	0
106	Residence	Non-Participating	567821.18	4974767.30	13	0	0	4	5	10	6	0	0	0
27	Residence	Non-Participating	567770.72	4974632.39	13	0	0	3	5	10	6	0	0	0
65	Residence	Non-Participating	567827.43	4974924.69	13	0	0	3	5	10	6	0	0	0
105	Residence	Non-Participating	569985.26	4972813.82	13	0	0	4	6	10	5	0	0	0
126	Residence	Non-Participating	567778.65	4974728.10	13	0	0	3	5	10	6	0	0	0
70	Residence	Non-Participating	567731.70	4974580.86	13	0	0	3	5	10	5	0	0	0
113	Residence	Non-Participating	571352.25	4973723.05	13	0	0	4	6	10	5	0	0	0
34	Residence	Non-Participating	569504.05	4975757.42	13	0	0	4	6	10	4	0	0	0
140	Residence	Non-Participating	568697.16	4973427.78	13	0	0	4	6	10	4	0	0	0
12	Residence	Non-Participating	567601.29	4974552.31	12	0	0	3	4	9	5	0	0	0
14	Residence	Non-Participating	569779.96	4972718.54	12	0	0	4	5	9	4	0	0	0
43	Residence	Non-Participating	567619.68	4974621.20	12	0	0	3	4	9	5	0	0	0
144	Residence	Non-Participating	567722.50	4975034.37	12	0	0	3	4	9	5	0	0	0
57	Residence	Non-Participating	567578.81	4974625.55	12	0	0	3	4	9	4	0	0	0
33	Residence	Non-Participating	569592.99	4975870.92	12	0	0	3	5	9	3	0	0	0
3	Residence	Non-Participating	569788.54	4972662.87	12	0	0	3	5	9	3	0	0	0
9	Residence	Non-Participating	569890.16	4972642.77	12	0	0	3	5	9	3	0	0	0
59	Residence	Non-Participating	569615.38	4976742.07	12	0	0	2	4	9	4	0	0	0
83	Residence	Non-Participating	567505.65	4974449.30	12	0	0	2	4	9	4	0	0	0
63	Residence	Non-Participating	571254.84	4973226.13	12	0	0	3	5	9	3	0	0	0
82	Residence	Non-Participating	567474.73	4974445.79	12	0	0	2	3	9	4	0	0	0
143	Residence	Non-Participating	567665.98	4975263.22	12	0	0	2	3	9	4	0	0	0
84	Residence	Non-Participating	567449.66	4974509.69	11	0	0	2	3	9	3	0	0	0
13	Residence	Non-Participating	567450.50	4974588.06	11	0	0	2	3	8	3	0	0	0
31	Residence	Non-Participating	567411.64	4974462.96	11	0	0	2	3	8	3	0	0	0
56	Residence	Non-Participating	567394.31	4974580.16	11	0	0	2	3	8	3	0	0	0
142	Residence	Non-Participating	567629.56	4975420.90	11	0	0	2	3	8	3	0	0	0
24	Residence	Non-Participating	567358.01	4974579.60	11	0	0	2	3	8	3	0	0	0
49	Residence	Non-Participating	568188.77	4974614.39	11	0	0	2	4	8	2	0	0	0
61	Residence	Non-Participating	567661.93	4975676.70	11	0	0	2	3	8	2	0	0	0
69	Residence	Non-Participating	567261.42	4974576.57	10	0	0	2	2	7	2	0	0	0
134	Residence	Non-Participating	571654.96	4975070.79	10	0	0	2	4	7	1	0	0	0

Table 7-5.1b: Unmitigated Collector Substation Sound Level Modeling Results (Leq (1-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating]

Modeling Receptor ID	Receptor Type	Participation Status	Coordinates		Project Only Maximum 1-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)										
26	Residence	Non-Participating	567206.04	4974484.50	10	0	0	1	2	7	2	0	0	0
45	Residence	Non-Participating	567658.81	4975808.73	10	0	0	1	2	7	2	0	0	0
118	Residence	Non-Participating	571667.14	4975129.30	10	0	0	2	3	7	1	0	0	0
53	Residence	Non-Participating	571675.96	4975170.15	10	0	0	2	3	7	1	0	0	0
77	Residence	Non-Participating	571622.86	4975287.71	10	0	0	2	3	7	1	0	0	0
136	Residence	Non-Participating	571728.76	4975052.51	10	0	0	2	3	7	1	0	0	0
97	Residence	Non-Participating	571653.83	4975255.04	10	0	0	2	3	7	1	0	0	0
137	Residence	Non-Participating	571759.86	4975075.77	10	0	0	2	3	7	1	0	0	0
47	Residence	Non-Participating	571727.97	4975173.72	10	0	0	2	3	7	0	0	0	0
81	Residence	Non-Participating	567095.99	4974476.66	10	0	0	1	2	7	1	0	0	0
52	Residence	Non-Participating	567078.18	4974546.25	10	0	0	1	2	7	1	0	0	0
55	Residence	Non-Participating	571770.03	4975135.90	10	0	0	2	3	6	0	0	0	0
94	Residence	Non-Participating	571793.55	4975085.47	10	0	0	2	3	6	0	0	0	0
67	Residence	Non-Participating	568135.60	4973464.63	9	0	0	1	3	6	0	0	0	0
148	Residence	Non-Participating	567600.09	4976127.20	9	0	0	1	1	6	0	0	0	0
79	Residence	Non-Participating	567648.78	4976247.93	9	0	0	0	1	6	0	0	0	0
101	Residence	Non-Participating	567573.14	4976186.26	9	0	0	0	1	6	0	0	0	0
110	Residence	Non-Participating	568617.06	4977048.25	9	0	0	0	1	6	0	0	0	0
92	Residence	Non-Participating	567955.81	4973529.50	9	0	0	1	2	5	0	0	0	0
39	Residence	Non-Participating	568050.08	4976887.75	8	0	0	0	0	5	0	0	0	0
141	Residence	Non-Participating	569041.11	4976339.87	8	0	0	0	1	5	0	0	0	0
66	Residence	Non-Participating	567865.10	4973458.08	8	0	0	0	1	5	0	0	0	0
99	Residence	Non-Participating	569014.09	4976360.08	8	0	0	0	1	5	0	0	0	0
62	Residence	Non-Participating	569123.66	4976423.04	8	0	0	0	1	5	0	0	0	0
117	Residence	Non-Participating	568807.18	4976282.81	8	0	0	0	1	5	0	0	0	0
18	Residence	Non-Participating	569143.75	4976470.06	8	0	0	0	1	4	0	0	0	0
87	Residence	Non-Participating	567968.16	4972915.58	7	0	0	0	1	4	0	0	0	0
138	Residence	Non-Participating	568085.47	4972764.82	7	0	0	0	1	4	0	0	0	0
51	Residence	Non-Participating	567611.82	4976061.41	5	0	0	0	0	1	0	0	0	0
109	Residence	Non-Participating	568554.84	4976972.00	4	0	0	0	0	1	0	0	0	0
8	Residence	Non-Participating	568426.15	4976982.16	4	0	0	0	0	0	0	0	0	0
121	Residence	Non-Participating	568316.78	4976922.96	4	0	0	0	0	0	0	0	0	0
120	Residence	Non-Participating	567634.16	4976457.41	4	0	0	0	0	0	0	0	0	0
103	Residence	Non-Participating	567617.81	4976605.86	3	0	0	0	0	0	0	0	0	0
146	Residence	Non-Participating	567682.19	4976705.92	3	0	0	0	0	0	0	0	0	0
20	Residence	Non-Participating	567635.48	4976709.39	3	0	0	0	0	0	0	0	0	0
54	Residence	Non-Participating	567606.08	4976666.80	3	0	0	0	0	0	0	0	0	0
46	Residence	Non-Participating	567526.12	4976693.10	3	0	0	0	0	0	0	0	0	0
147	Residence	Non-Participating	567359.26	4976551.78	2	0	0	0	0	0	0	0	0	0
122	Residence	Non-Participating	567490.60	4977005.09	2	0	0	0	0	0	0	0	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
111	Residence	Non-Participating	570206.97	4973985.01	32	0	14	21	21	28	27	21	7	0
122	Residence	Non-Participating	567490.60	4977005.09	2	0	0	0	0	0	0	0	0	0