

Appendix 7-4

Facility Modeled Sound Levels Leq (8-hour)

Table 7-4.1a: Unmitigated Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residence and Non-Participating]

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)											
1	Residence	Non-Participating	570526.89	4975010.27	28	0	4	12	16	26	20	18	15	0	
2	Residence	Non-Participating	571020.57	4974883.12	22	0	0	8	12	20	14	7	0	0	
3	Residence	Non-Participating	569788.54	4972662.87	19	0	0	6	10	17	9	1	0	0	
4	Residence	Non-Participating	570645.34	4974991.69	26	0	3	11	15	24	19	15	10	0	
5	Residence	Non-Participating	570101.54	4973877.60	36	0	15	21	23	33	30	27	26	0	
6	Residence	Non-Participating	569503.14	4975502.30	31	0	8	14	18	29	24	21	17	0	
7	Residence	Non-Participating	567874.40	4974593.39	29	0	8	12	16	28	22	18	7	0	
8	Residence	Non-Participating	568426.15	4976982.16	20	0	0	5	11	19	11	5	0	0	
9	Residence	Non-Participating	569890.16	4972642.77	19	0	0	6	10	17	9	1	0	0	
10	Residence	Non-Participating	569492.44	4975305.15	33	0	11	15	19	30	26	23	22	0	
11	Residence	Non-Participating	571142.46	4974994.81	21	0	0	7	11	19	13	5	0	0	
12	Residence	Non-Participating	567601.29	4974552.31	27	0	6	10	14	25	19	14	0	0	
13	Residence	Non-Participating	567450.50	4974588.06	26	0	5	9	14	24	18	12	0	0	
14	Residence	Non-Participating	569779.96	4972718.54	19	0	0	6	10	18	10	2	0	0	
15	Residence	Non-Participating	569419.90	4973499.31	30	0	6	13	17	28	23	20	17	0	
16	Residence	Non-Participating	569542.36	4975187.37	34	0	11	16	20	31	27	24	25	0	
17	Residence	Non-Participating	568801.09	4973539.58	28	0	4	11	16	26	21	18	13	0	
18	Residence	Non-Participating	569143.75	4976470.06	25	0	2	8	14	24	17	12	1	0	
19	Residence	Non-Participating	567908.80	4974653.58	30	0	7	12	17	28	22	18	9	0	
20	Residence	Non-Participating	567635.48	4976709.39	23	0	0	6	11	21	15	9	0	0	
21	Residence	Non-Participating	569164.72	4973481.06	27	0	4	11	16	25	19	15	7	0	
23	Residence	Non-Participating	571171.85	4975083.85	21	0	0	7	11	19	12	5	0	0	
24	Residence	Non-Participating	567358.01	4974579.60	26	0	5	9	13	24	18	11	0	0	
25	Residence	Non-Participating	567865.74	4974643.66	29	0	7	12	16	28	22	18	8	0	
26	Residence	Non-Participating	567206.04	4974484.50	25	0	5	8	12	23	17	9	0	0	
27	Residence	Non-Participating	567770.72	4974632.39	28	0	7	11	16	27	21	17	5	0	
28	Residence	Non-Participating	567829.30	4974696.08	29	0	7	12	16	27	22	18	9	0	
29	Residence	Non-Participating	567896.79	4974605.77	30	0	8	12	17	28	23	18	8	0	
30	Residence	Non-Participating	567823.24	4974730.28	29	0	7	12	16	27	22	18	10	0	
33	Residence	Non-Participating	569592.99	4975870.92	26	0	2	10	15	24	18	14	4	0	
34	Residence	Non-Participating	569504.05	4975757.42	29	0	6	12	16	27	22	18	9	0	
35	Residence	Non-Participating	569135.05	4973566.76	30	0	6	13	17	28	23	20	15	0	
36	Residence	Non-Participating	567992.01	4972732.56	19	0	0	5	9	18	10	0	0	0	
37	Residence	Non-Participating	571221.73	4974331.59	22	0	0	8	12	20	14	7	0	0	
38	Residence	Non-Participating	571246.18	4974987.13	20	0	0	7	10	19	12	4	0	0	
39	Residence	Non-Participating	568050.08	4976887.75	22	0	0	6	12	20	13	7	0	0	
40	Residence	Non-Participating	571064.71	4975061.06	21	0	0	8	11	20	13	7	0	0	
41	Residence	Non-Participating	570389.50	4974955.50	30	0	6	14	18	28	23	21	21	0	
42	Residence	Non-Participating	569982.40	4974909.35	33	0	8	16	20	30	25	23	23	0	
43	Residence	Non-Participating	567619.68	4974621.20	27	0	6	10	15	25	20	15	1	0	
44	Residence	Non-Participating	569530.36	4973388.50	28	0	5	12	16	26	20	17	12	0	
45	Residence	Non-Participating	567658.81	4975808.73	32	0	9	14	18	30	25	23	20	0	
47	Residence	Non-Participating	571727.97	4975173.72	17	0	0	4	8	15	8	0	0	0	
48	Residence	Non-Participating	567999.89	4974675.08	30	0	7	12	17	28	22	18	11	0	
49	Residence	Non-Participating	568188.77	4974614.39	29	0	5	12	17	27	22	19	13	0	
50	Residence	Non-Participating	569092.70	4974863.98	33	0	11	15	19	30	26	22	17	0	
51	Residence	Non-Participating	567611.82	4976061.41	29	0	6	11	16	27	22	19	14	0	
52	Residence	Non-Participating	567078.18	4974546.25	24	0	4	7	12	22	16	7	0	0	
53	Residence	Non-Participating	571675.96	4975170.15	17	0	0	5	8	16	8	0	0	0	
54	Residence	Non-Participating	567606.08	4976666.80	24	0	1	7	12	22	16	12	0	0	
55	Residence	Non-Participating	571770.03	4975135.90	17	0	0	4	8	15	7	0	0	0	
56	Residence	Non-Participating	567394.31	4974580.16	26	0	5	9	13	24	18	11	0	0	
57	Residence	Non-Participating	567578.81	4974625.55	27	0	6	10	15	26	20	14	0	0	
58	Residence	Non-Participating	568969.68	4974677.93	32	0	10	15	19	30	25	21	15	0	
59	Residence	Non-Participating	569615.38	4976742.07	23	0	4	7	12	22	16	7	0	0	
60	Residence	Non-Participating	571192.92	4974736.34	21	0	0	8	11	19	13	5	0	0	
61	Residence	Non-Participating	567661.93	4975676.70	33	0	9	14	19	30	26	23	20	0	
62	Residence	Non-Participating	569123.66	4976423.04	25	0	0	9	14	23	17	12	3	0	
63	Residence	Non-Participating	571254.84	4973226.13	18	0	0	6	9	16	8	1	0	0	
64	Residence	Non-Participating	570899.24	4974962.89	23	0	0	9	13	21	15	9	0	0	
65	Residence	Non-Participating	567827.43	4974924.69	30	0	7	12	17	28	22	19	14	0	
66	Residence	Non-Participating	567865.10	4973458.08	27	0	5	9	14	25	19	15	8	0	
67	Residence	Non-Participating	568135.60	4973464.63	25	0	0	9	14	23	16	13	10	0	
68	Residence	Non-Participating	570247.14	4973066.57	23	0	0	9	13	21	14	9	3	0	
69	Residence	Non-Participating	567261.42	4974576.57	25	0	5	8	13	24	17	10	0	0	
70	Residence	Non-Participating	567731.70	4974580.86	28	0	7	11	15	26	21	16	3	0	
71	Residence	Non-Participating	567555.05	4976845.37	21	0	0	5	10	20	13	6	0	0	
73	Residence	Non-Participating	569636.66	4975682.88	29	0	6	12	16	27	22	18	11	0	
74	Residence	Non-Participating	569335.12	4976971.90	20	0	0	5	10	19	11	3	0	0	
76	Residence	Non-Participating	570069.24	4973844.04	36	0	15	21	23	33	30	27	26	0	
77	Residence	Non-Participating	571622.86	4975287.71	18	0	0	5	8	16	9	0	0	0	
78	Residence	Non-Participating	569340.09	4973515.31	30	0	6	13	17	27	22	19	16	0	
79	Residence	Non-Participating	567648.78	4976247.93	29	0	6	11	15	27	22	18	12	0	
81	Residence	Non-Participating	567095.99	4974476.66	24	0	4	7	12	22	16	8	0	0	
85	Residence	Non-Participating	567837.76	4974669.54	29	0	7	12	16	27	22	18	8	0	
87	Residence	Non-Participating	567968.16	4972915.58	21	0	0	5	10	19	11	2	0	0	
88	Residence	Non-Participating	569370.22	4973419.53	28	0	5	12	16	26	21	18	13	0	
92	Residence	Non-Participating	567955.81	4973529.50	26	0	3	9	14	24	18	14	8	0	
93	Residence	Non-Participating	568499.70	4974730.81	33	0	10	16	20	31	26	24	21	0	
94	Residence	Non-Participating	571793.55	4975085.47	17	0	0	4	8	15	7	0	0	0	
95	Residence	Non-Participating	569748.00	4973147.00	25	0	1	10	14	23	17	13	6	0	
96	Residence	Non-Participating	570756.32	4975017.54	25	0	2	10	14	23	17	12	5	0	
97	Residence	Non-Participating	571653.83	4975255.04	18	0	0	5	8	16	9	0	0	0	
98	Residence	Non-Participating	568286.12	4974641.33	32	0	8	14	18	29	24	22	18	0	
99	Residence	Non-Participating	569014.09	4976360.08	26	0	2	10	15	24	18	14	6	0	
101	Residence	Non-Participating	567573.14	4976186.26	28	0	6	10	15	26	21	17	10	0	
102	Residence	Non-Participating	570374.12	4974188.23	34	0	14	21	22	31	28	24	19	0	

Table 7-4.1a: Unmitigated Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residence and Non-Participating]

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)										
103	Residence	Non-Participating	567617.81	4976605.86	25	0	2	7	12	23	17	13	2	0
104	Residence	Non-Participating	568987.59	4973498.84	27	0	4	11	15	25	19	15	8	0
105	Residence	Non-Participating	569985.26	4972813.82	20	0	0	7	11	19	11	4	0	0
106	Residence	Non-Participating	567821.18	4974767.30	29	0	7	12	16	27	22	18	11	0
107	Residence	Non-Participating	570155.74	4973804.16	37	0	14	20	23	33	30	27	29	2
108	Residence	Non-Participating	569583.32	4974879.35	32	0	12	17	20	30	26	21	16	0
109	Residence	Non-Participating	568554.84	4976972.00	20	0	0	5	11	19	11	4	0	0
110	Residence	Non-Participating	568617.06	4977048.25	20	0	0	6	11	19	11	3	0	0
111	Residence	Non-Participating	570206.97	4973985.01	35	0	15	22	23	32	29	25	22	0
112	Residence	Non-Participating	569298.10	4974825.86	32	0	11	15	19	29	25	20	10	0
113	Residence	Non-Participating	571352.25	4973723.05	19	0	0	6	10	17	9	1	0	0
114	Residence	Non-Participating	569727.70	4973198.72	25	0	1	10	15	23	17	14	7	0
115	Residence	Non-Participating	569748.92	4973289.76	27	0	2	11	16	25	19	16	11	0
117	Residence	Non-Participating	568807.18	4976282.81	30	0	5	12	17	28	22	20	17	0
118	Residence	Non-Participating	571667.14	4975129.30	17	0	0	5	8	16	8	0	0	0
119	Residence	Non-Participating	571206.49	4974971.80	21	0	0	7	11	19	12	4	0	0
120	Residence	Non-Participating	567634.16	4976457.41	25	0	1	8	13	23	17	13	3	0
121	Residence	Non-Participating	568316.78	4976922.96	24	0	0	7	12	22	16	11	1	0
122	Residence	Non-Participating	567490.60	4977005.09	18	0	0	3	8	16	8	0	0	0
126	Residence	Non-Participating	567778.65	4974728.10	29	0	7	11	16	27	22	18	8	0
127	Residence	Non-Participating	569189.97	4974876.09	32	0	11	15	19	30	25	21	14	0
128	Residence	Non-Participating	570468.09	4975031.00	29	0	5	13	17	27	22	20	19	0
129	Residence	Non-Participating	571222.88	4973729.29	20	0	0	7	11	18	10	3	0	0
130	Residence	Non-Participating	571774.73	4975027.58	17	0	0	4	8	15	8	0	0	0
133	Residence	Non-Participating	570818.48	4974368.78	25	0	2	11	15	23	17	12	0	0
134	Residence	Non-Participating	571654.96	4975070.79	18	0	0	5	8	16	8	0	0	0
135	Residence	Non-Participating	569768.27	4972953.68	21	0	0	8	12	20	12	6	0	0
136	Residence	Non-Participating	571728.76	4975052.51	17	0	0	4	8	16	8	0	0	0
137	Residence	Non-Participating	571759.86	4975075.77	17	0	0	4	8	15	8	0	0	0
138	Residence	Non-Participating	568085.47	4972764.82	19	0	0	5	9	18	10	1	0	0
140	Residence	Non-Participating	568697.16	4973427.78	26	0	1	10	15	24	18	13	6	0
141	Residence	Non-Participating	569041.11	4976339.87	25	0	0	9	15	23	16	12	7	0
142	Residence	Non-Participating	567629.56	4975420.90	32	0	9	14	18	30	25	22	18	0
143	Residence	Non-Participating	567665.98	4975263.22	32	0	9	14	18	30	25	22	19	0
144	Residence	Non-Participating	567722.50	4975034.37	29	0	6	11	17	27	21	17	11	0
145	Residence	Non-Participating	570524.67	4974891.43	28	0	4	13	16	26	21	18	13	0
146	Residence	Non-Participating	567682.19	4976705.92	21	0	0	5	11	19	11	6	0	0
147	Residence	Non-Participating	567359.26	4976551.78	23	0	0	6	11	21	15	10	0	0
148	Residence	Non-Participating	567600.09	4976127.20	29	0	6	11	16	27	22	18	12	0
151	Residence	Non-Participating	569506.33	4975600.34	30	0	6	12	17	28	22	19	11	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
107	Residence	Non-Participating	570155.74	4973804.16	37	0	14	20	23	33	30	27	29	2
94	Residence	Non-Participating	571793.55	4975085.47	17	0	0	4	8	15	7	0	0	0

Table 7-4.1b: Unmitigated Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating]

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)										
107	Residence	Non-Participating	570155.74	4973804.16	37	0	14	20	23	33	30	27	29	2
76	Residence	Non-Participating	570069.24	4973844.04	36	0	15	21	23	33	30	27	26	0
5	Residence	Non-Participating	570101.54	4973877.60	36	0	15	21	23	33	30	27	26	0
111	Residence	Non-Participating	570206.97	4973985.01	35	0	15	22	23	32	29	25	22	0
102	Residence	Non-Participating	570374.12	4974188.23	34	0	14	21	22	31	28	24	19	0
16	Residence	Non-Participating	569542.36	4975187.37	34	0	11	16	20	31	27	24	25	0
93	Residence	Non-Participating	568499.70	4974730.81	33	0	10	16	20	31	26	24	21	0
10	Residence	Non-Participating	569492.44	4975305.15	33	0	11	15	19	30	26	23	22	0
42	Residence	Non-Participating	569982.40	4974909.35	33	0	8	16	20	30	25	23	23	0
61	Residence	Non-Participating	567661.93	4975676.70	33	0	9	14	19	30	26	23	20	0
50	Residence	Non-Participating	569092.70	4974863.98	33	0	11	15	19	30	26	22	17	0
45	Residence	Non-Participating	567658.81	4975808.73	32	0	9	14	18	30	25	23	20	0
108	Residence	Non-Participating	569583.32	4974879.35	32	0	12	17	20	30	26	21	16	0
143	Residence	Non-Participating	567665.98	4975263.22	32	0	9	14	18	30	25	22	19	0
127	Residence	Non-Participating	569189.97	4974876.09	32	0	11	15	19	30	25	21	14	0
142	Residence	Non-Participating	567629.56	4975420.90	32	0	9	14	18	30	25	22	18	0
58	Residence	Non-Participating	568969.68	4974677.93	32	0	10	15	19	30	25	21	15	0
98	Residence	Non-Participating	568286.12	4974641.33	32	0	8	14	18	29	24	22	18	0
112	Residence	Non-Participating	569298.10	4974825.86	32	0	11	15	19	29	25	20	10	0
6	Residence	Non-Participating	569503.14	4975502.30	31	0	8	14	18	29	24	21	17	0
41	Residence	Non-Participating	570389.50	4974955.50	30	0	6	14	18	28	23	21	21	0
15	Residence	Non-Participating	569419.90	4973499.31	30	0	6	13	17	28	23	20	17	0
117	Residence	Non-Participating	568807.18	4976282.81	30	0	5	12	17	28	22	20	17	0
35	Residence	Non-Participating	569135.05	4973566.76	30	0	6	13	17	28	23	20	15	0
65	Residence	Non-Participating	567827.43	4974924.69	30	0	7	12	17	28	22	19	14	0
29	Residence	Non-Participating	567896.79	4974605.77	30	0	8	12	17	28	23	18	8	0
78	Residence	Non-Participating	569340.09	4973515.31	30	0	6	13	17	27	22	19	16	0
151	Residence	Non-Participating	569506.33	4975600.34	30	0	6	12	17	28	22	19	11	0
19	Residence	Non-Participating	567908.80	4974653.58	30	0	7	12	17	28	22	18	9	0
48	Residence	Non-Participating	567999.89	4974675.08	30	0	7	12	17	28	22	18	11	0
7	Residence	Non-Participating	567874.40	4974593.39	29	0	8	12	16	28	22	18	7	0
25	Residence	Non-Participating	567865.74	4974643.66	29	0	7	12	16	28	22	18	8	0
30	Residence	Non-Participating	567823.24	4974730.28	29	0	7	12	16	27	22	18	10	0
49	Residence	Non-Participating	568188.77	4974614.39	29	0	5	12	17	27	22	19	13	0
51	Residence	Non-Participating	567611.82	4976061.41	29	0	6	11	16	27	22	19	14	0
106	Residence	Non-Participating	567821.18	4974767.30	29	0	7	12	16	27	22	18	11	0
28	Residence	Non-Participating	567829.30	4974696.08	29	0	7	12	16	27	22	18	9	0
128	Residence	Non-Participating	570468.09	4975031.00	29	0	5	13	17	27	22	20	19	0
85	Residence	Non-Participating	567837.76	4974669.54	29	0	7	12	16	27	22	18	8	0
34	Residence	Non-Participating	569504.05	4975757.42	29	0	6	12	16	27	22	18	9	0
73	Residence	Non-Participating	569636.66	4975682.88	29	0	6	12	16	27	22	18	11	0
126	Residence	Non-Participating	567778.65	4974728.10	29	0	7	11	16	27	22	18	8	0
144	Residence	Non-Participating	567722.50	4975034.37	29	0	6	11	17	27	21	17	11	0
148	Residence	Non-Participating	567600.09	4976127.20	29	0	6	11	16	27	22	18	12	0
79	Residence	Non-Participating	567648.78	4976247.93	29	0	6	11	15	27	22	18	12	0
27	Residence	Non-Participating	567770.72	4974632.39	28	0	7	11	16	27	21	17	5	0
88	Residence	Non-Participating	569370.22	4973419.53	28	0	5	12	16	26	21	18	13	0
101	Residence	Non-Participating	567573.14	4976186.26	28	0	6	10	15	26	21	17	10	0
17	Residence	Non-Participating	568801.09	4973539.58	28	0	4	11	16	26	21	18	13	0
44	Residence	Non-Participating	569530.36	4973388.50	28	0	5	12	16	26	20	17	12	0
70	Residence	Non-Participating	567731.70	4974580.86	28	0	7	11	15	26	21	16	3	0
145	Residence	Non-Participating	570524.67	4974891.43	28	0	4	13	16	26	21	18	13	0
1	Residence	Non-Participating	570526.89	4975010.27	28	0	4	12	16	26	20	18	15	0
43	Residence	Non-Participating	567619.68	4974621.20	27	0	6	10	15	25	20	15	1	0
57	Residence	Non-Participating	567578.81	4974625.55	27	0	6	10	15	26	20	14	0	0
21	Residence	Non-Participating	569164.72	4973481.06	27	0	4	11	16	25	19	15	7	0
12	Residence	Non-Participating	567601.29	4974552.31	27	0	6	10	14	25	19	14	0	0
104	Residence	Non-Participating	568987.59	4973498.84	27	0	4	11	15	25	19	15	8	0
66	Residence	Non-Participating	567865.10	4973458.08	27	0	5	9	14	25	19	15	8	0
115	Residence	Non-Participating	569748.92	4973289.76	27	0	2	11	16	25	19	16	11	0
4	Residence	Non-Participating	570645.34	4974991.69	26	0	3	11	15	24	19	15	10	0
33	Residence	Non-Participating	569592.99	4975870.92	26	0	2	10	15	24	18	14	4	0
99	Residence	Non-Participating	569014.09	4976360.08	26	0	2	10	15	24	18	14	6	0
92	Residence	Non-Participating	567955.81	4973529.50	26	0	3	9	14	24	18	14	8	0
13	Residence	Non-Participating	567450.50	4974588.06	26	0	5	9	14	24	18	12	0	0
56	Residence	Non-Participating	567394.31	4974580.16	26	0	5	9	13	24	18	11	0	0
140	Residence	Non-Participating	568697.16	4973427.78	26	0	1	10	15	24	18	13	6	0
24	Residence	Non-Participating	567358.01	4974579.60	26	0	5	9	13	24	18	11	0	0
114	Residence	Non-Participating	569727.70	4973198.72	25	0	1	10	15	23	17	14	7	0
18	Residence	Non-Participating	569143.75	4976470.06	25	0	2	8	14	24	17	12	1	0
67	Residence	Non-Participating	568135.60	4973464.63	25	0	0	9	14	23	16	13	10	0
69	Residence	Non-Participating	567261.42	4974576.57	25	0	5	8	13	24	17	10	0	0
62	Residence	Non-Participating	569123.66	4976423.04	25	0	0	9	14	23	17	12	3	0
133	Residence	Non-Participating	570818.48	4974368.78	25	0	2	11	15	23	17	12	0	0
141	Residence	Non-Participating	569041.11	4976339.87	25	0	0	9	15	23	16	12	7	0
95	Residence	Non-Participating	569748.00	4973147.00	25	0	1	10	14	23	17	13	6	0
120	Residence	Non-Participating	567634.16	4976457.41	25	0	1	8	13	23	17	13	3	0
103	Residence	Non-Participating	567617.81	4976605.86	25	0	2	7	12	23	17	13	2	0
96	Residence	Non-Participating	570756.32	4975017.54	25	0	2	10	14	23	17	12	5	0
26	Residence	Non-Participating	567206.04	4974484.50	25	0	5	8	12	23	17	9	0	0
54	Residence	Non-Participating	567606.08	4976666.80	24	0	1	7	12	22	16	12	0	0
81	Residence	Non-Participating	567095.99	4974476.66	24	0	4	7	12	22	16	8	0	0
52	Residence	Non-Participating	567078.18	4974546.25	24	0	4	7	12	22	16	7	0	0
121	Residence	Non-Participating	568316.78	4976922.96	24	0	0	7	12	22	16	11	1	0
59	Residence	Non-Participating	569615.38	4976742.07	23	0	4	7	12	22	16	7	0	0
147	Residence	Non-Participating	567359.26	4976551.78	23	0	0	6	11	21	15	10	0	0
64	Residence	Non-Participating	570899.24	4974962.89	23	0	0	9	13	21	15	9	0	0

Table 7-4.1b: Unmitigated Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Non-Participating]

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)										
68	Residence	Non-Participating	570247.14	4973066.57	23	0	0	9	13	21	14	9	3	0
20	Residence	Non-Participating	567635.48	4976709.39	23	0	0	6	11	21	15	9	0	0
37	Residence	Non-Participating	571221.73	4974331.59	22	0	0	8	12	20	14	7	0	0
39	Residence	Non-Participating	568050.08	4976887.75	22	0	0	6	12	20	13	7	0	0
2	Residence	Non-Participating	571020.57	4974883.12	22	0	0	8	12	20	14	7	0	0
40	Residence	Non-Participating	571064.71	4975061.06	21	0	0	8	11	20	13	7	0	0
135	Residence	Non-Participating	569768.27	4972953.68	21	0	0	8	12	20	12	6	0	0
60	Residence	Non-Participating	571192.92	4974736.34	21	0	0	8	11	19	13	5	0	0
71	Residence	Non-Participating	567555.05	4976845.37	21	0	0	5	10	20	13	6	0	0
11	Residence	Non-Participating	571142.46	4974994.81	21	0	0	7	11	19	13	5	0	0
146	Residence	Non-Participating	567682.19	4976705.92	21	0	0	5	11	19	11	6	0	0
23	Residence	Non-Participating	571171.85	4975083.85	21	0	0	7	11	19	12	5	0	0
87	Residence	Non-Participating	567968.16	4972915.58	21	0	0	5	10	19	11	2	0	0
119	Residence	Non-Participating	571206.49	4974971.80	21	0	0	7	11	19	12	4	0	0
110	Residence	Non-Participating	568617.06	4977048.25	20	0	0	6	11	19	11	3	0	0
8	Residence	Non-Participating	568426.15	4976982.16	20	0	0	5	11	19	11	5	0	0
109	Residence	Non-Participating	568554.84	4976972.00	20	0	0	5	11	19	11	4	0	0
38	Residence	Non-Participating	571246.18	4974987.13	20	0	0	7	10	19	12	4	0	0
74	Residence	Non-Participating	569335.12	4976971.90	20	0	0	5	10	19	11	3	0	0
105	Residence	Non-Participating	569985.26	4972813.82	20	0	0	7	11	19	11	4	0	0
129	Residence	Non-Participating	571222.88	4973729.29	20	0	0	7	11	18	10	3	0	0
14	Residence	Non-Participating	569779.96	4972718.54	19	0	0	6	10	18	10	2	0	0
138	Residence	Non-Participating	568085.47	4972764.82	19	0	0	5	9	18	10	1	0	0
36	Residence	Non-Participating	567992.01	4972732.56	19	0	0	5	9	18	10	0	0	0
3	Residence	Non-Participating	569788.54	4972662.87	19	0	0	6	10	17	9	1	0	0
9	Residence	Non-Participating	569890.16	4972642.77	19	0	0	6	10	17	9	1	0	0
113	Residence	Non-Participating	571352.25	4973723.05	19	0	0	6	10	17	9	1	0	0
77	Residence	Non-Participating	571622.86	4975287.71	18	0	0	5	8	16	9	0	0	0
63	Residence	Non-Participating	571254.84	4973226.13	18	0	0	6	9	16	8	1	0	0
97	Residence	Non-Participating	571653.83	4975255.04	18	0	0	5	8	16	9	0	0	0
122	Residence	Non-Participating	567490.60	4977005.09	18	0	0	3	8	16	8	0	0	0
134	Residence	Non-Participating	571654.96	4975070.79	18	0	0	5	8	16	8	0	0	0
118	Residence	Non-Participating	571667.14	4975129.30	17	0	0	5	8	16	8	0	0	0
53	Residence	Non-Participating	571675.96	4975170.15	17	0	0	5	8	16	8	0	0	0
136	Residence	Non-Participating	571728.76	4975052.51	17	0	0	4	8	16	8	0	0	0
47	Residence	Non-Participating	571727.97	4975173.72	17	0	0	4	8	15	8	0	0	0
130	Residence	Non-Participating	571774.73	4975027.58	17	0	0	4	8	15	8	0	0	0
137	Residence	Non-Participating	571759.86	4975075.77	17	0	0	4	8	15	8	0	0	0
55	Residence	Non-Participating	571770.03	4975135.90	17	0	0	4	8	15	7	0	0	0
94	Residence	Non-Participating	571793.55	4975085.47	17	0	0	4	8	15	7	0	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
107	Residence	Non-Participating	570155.74	4973804.16	37	0	14	20	23	33	30	27	29	2
94	Residence	Non-Participating	571793.55	4975085.47	17	0	0	4	8	15	7	0	0	0

Table 7-4.1c: Unmitigated Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Residential and Participating]

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
22	Residence	Participating	570315.66	4975169.99	36	0	11	18	21	32	28	27	30	6
32	Residence	Participating	569807.53	4974772.88	32	0	9	16	20	30	25	22	17	0
72	Residence	Participating	570933.50	4974779.57	22	0	0	9	13	21	14	8	0	0
75	Residence	Participating	570684.49	4974493.33	28	0	10	15	17	26	22	15	0	0
80	Residence	Participating	570479.07	4974184.60	33	0	13	19	21	30	27	22	15	0
86	Residence	Participating	567922.24	4974604.93	30	0	8	12	17	28	23	19	9	0
89	Residence	Participating	569946.09	4973663.82	37	0	11	19	22	33	29	28	30	3
90	Residence	Participating	570000.77	4973737.10	37	0	14	20	23	33	30	28	29	0
91	Residence	Participating	570027.89	4973777.17	37	0	14	20	23	33	30	27	28	0
100	Residence	Participating	567743.93	4975575.42	34	0	10	16	20	31	27	25	24	0
116	Residence	Participating	568423.85	4974669.84	32	0	9	15	19	30	25	23	20	0
123	Residence	Participating	569552.52	4974749.34	32	0	12	17	20	30	26	21	12	0
124	Residence	Participating	569524.54	4974763.56	32	0	12	17	20	30	26	21	11	0
125	Residence	Participating	569451.51	4974774.86	32	0	12	16	20	30	25	20	10	0
139	Residence	Participating	568394.83	4973513.25	29	0	4	12	17	27	22	20	19	0
149	Residence	Participating	568440.94	4975802.24	36	0	12	18	22	34	29	27	25	0
Summary of Maximum and Minimum Sound Levels for Participating Residential Receptors														
90	Residence	Participating	570000.77	4973737.10	37	0	14	20	23	33	30	28	29	0
72	Residence	Participating	570933.50	4974779.57	22	0	0	9	13	21	14	8	0	0

Table 7-4.1d: Unmitigated Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Sound Level [Residential and Participating]

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
90	Residence	Participating	570000.77	4973737.10	37	0	14	20	23	33	30	28	29	0
91	Residence	Participating	570027.89	4973777.17	37	0	14	20	23	33	30	27	28	0
89	Residence	Participating	569946.09	4973663.82	37	0	11	19	22	33	29	28	30	3
22	Residence	Participating	570315.66	4975169.99	36	0	11	18	21	32	28	27	30	6
149	Residence	Participating	568440.94	4975802.24	36	0	12	18	22	34	29	27	25	0
100	Residence	Participating	567743.93	4975575.42	34	0	10	16	20	31	27	25	24	0
80	Residence	Participating	570479.07	4974184.60	33	0	13	19	21	30	27	22	15	0
123	Residence	Participating	569552.52	4974749.34	32	0	12	17	20	30	26	21	12	0
116	Residence	Participating	568423.85	4974669.84	32	0	9	15	19	30	25	23	20	0
124	Residence	Participating	569524.54	4974763.56	32	0	12	17	20	30	26	21	11	0
32	Residence	Participating	569807.53	4974772.88	32	0	9	16	20	30	25	22	17	0
125	Residence	Participating	569451.51	4974774.86	32	0	12	16	20	30	25	20	10	0
86	Residence	Participating	567922.24	4974604.93	30	0	8	12	17	28	23	19	9	0
139	Residence	Participating	568394.83	4973513.25	29	0	4	12	17	27	22	20	19	0
75	Residence	Participating	570684.49	4974493.33	28	0	10	15	17	26	22	15	0	0
72	Residence	Participating	570933.50	4974779.57	22	0	0	9	13	21	14	8	0	0
Summary of Maximum and Minimum Sound Levels for Participating Residential Receptors														
90	Residence	Participating	570000.77	4973737.10	37	0	14	20	23	33	30	28	29	0
72	Residence	Participating	570933.50	4974779.57	22	0	0	9	13	21	14	8	0	0

Table 7-4e: Unmitigated Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Public and Non-Participating]

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
31	Public	Non-Participating	567411.64	4974462.96	26	0	5	9	13	24	18	12	0	0
46	Public	Non-Participating	567526.12	4976693.10	23	0	1	6	11	22	16	10	0	0
82	Public	Non-Participating	567474.73	4974445.79	26	0	5	9	14	24	18	11	0	0
83	Public	Non-Participating	567505.65	4974449.30	25	0	5	9	13	24	18	11	0	0
84	Public	Non-Participating	567449.66	4974509.69	26	0	5	9	13	24	18	11	0	0
131	Public	Non-Participating	570830.94	4975794.99	24	0	5	9	12	22	17	10	0	0
132	Public	Non-Participating	570791.93	4975841.94	24	0	5	9	13	23	17	10	0	0
150	Public	Non-Participating	567124.92	4974828.22	24	0	3	7	12	22	16	9	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Public Receptors														
31	Public	Non-Participating	567411.64	4974462.96	26	0	5	9	13	24	18	12	0	0
46	Public	Non-Participating	567526.12	4976693.10	23	0	1	6	11	22	16	10	0	0

Table 7-4f: Unmitigated Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Public and Non-Participating]

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
31	Public	Non-Participating	567411.64	4974462.96	26	0	5	9	13	24	18	12	0	0
82	Public	Non-Participating	567474.73	4974445.79	26	0	5	9	14	24	18	11	0	0
84	Public	Non-Participating	567449.66	4974509.69	26	0	5	9	13	24	18	11	0	0
83	Public	Non-Participating	567505.65	4974449.30	25	0	5	9	13	24	18	11	0	0
132	Public	Non-Participating	570791.93	4975841.94	24	0	5	9	13	23	17	10	0	0
131	Public	Non-Participating	570830.94	4975794.99	24	0	5	9	12	22	17	10	0	0
150	Public	Non-Participating	567124.92	4974828.22	24	0	3	7	12	22	16	9	0	0
46	Public	Non-Participating	567526.12	4976693.10	23	0	1	6	11	22	16	10	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Public Receptors														
31	Public	Non-Participating	567411.64	4974462.96	26	0	5	9	13	24	18	12	0	0
46	Public	Non-Participating	567526.12	4976693.10	23	0	1	6	11	22	16	10	0	0