

Appendix 7-4

Project Modeled Sound Level - L_{eq} (8 Hour)

Table 7-4.1a: Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [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)											
7	Residence	Non-Participating	409959.25	4879327.31	25	28	28	25	21	26	18	13	6	0	
8	Residence	Non-Participating	412638.58	4879323.21	36	39	42	37	32	36	30	24	21	0	
9	Residence	Non-Participating	415516.48	4881496.53	19	26	28	22	17	21	11	3	0	0	
10	Residence	Non-Participating	410705.29	4878925.68	31	34	36	30	26	31	24	19	17	0	
11	Residence	Non-Participating	410001.93	4879495.42	26	27	28	26	22	27	18	15	11	0	
12	Residence	Non-Participating	410050.97	4879392.80	27	30	30	27	23	28	20	16	11	0	
13	Residence	Non-Participating	410421.51	4879230.15	31	35	36	31	26	32	25	21	18	0	
14	Residence	Non-Participating	410088.70	4879662.57	30	32	32	29	24	30	23	19	17	0	
15	Residence	Non-Participating	409923.16	4879346.56	25	29	29	25	21	26	18	13	5	0	
17	Residence	Non-Participating	413007.40	4879205.94	33	37	39	34	29	34	27	22	18	0	
18	Residence	Non-Participating	409704.59	4879800.72	23	27	27	24	20	24	16	10	0	0	
19	Residence	Non-Participating	410145.41	4879328.53	29	33	34	29	24	30	22	18	13	0	
20	Residence	Non-Participating	410622.75	4878984.51	31	34	36	30	26	31	24	20	18	0	
21	Residence	Non-Participating	409718.61	4879695.70	20	20	22	23	19	22	11	4	0	0	
22	Residence	Non-Participating	409921.80	4879462.57	25	28	28	25	22	26	18	14	7	0	
23	Residence	Non-Participating	410132.87	4879341.06	29	33	34	29	24	30	22	18	13	0	
24	Residence	Non-Participating	410004.53	4879739.84	24	23	24	25	22	25	15	10	5	0	
25	Residence	Non-Participating	409927.26	4879239.25	26	31	33	26	22	27	19	13	3	0	
26	Residence	Non-Participating	409859.31	4879326.12	24	28	28	24	21	25	17	12	2	0	
27	Residence	Non-Participating	411511.34	4878687.27	29	34	36	31	26	30	23	16	9	0	
28	Residence	Non-Participating	410130.68	4879867.27	30	32	32	29	24	30	23	19	17	0	
29	Residence	Non-Participating	409832.15	4879678.76	21	21	22	24	20	23	12	6	0	0	
30	Residence	Non-Participating	409900.53	4879511.78	25	28	28	25	21	26	18	13	7	0	
31	Residence	Non-Participating	411097.27	4878766.19	29	33	36	30	26	30	22	17	11	0	
32	Residence	Non-Participating	409917.53	4879090.76	25	30	32	26	21	26	18	11	0	0	
33	Residence	Non-Participating	415250.29	4880950.24	23	28	30	24	20	24	16	9	0	0	
34	Residence	Non-Participating	413882.88	4879318.78	30	35	36	30	26	31	24	18	10	0	
35	Residence	Non-Participating	409853.20	4879473.58	24	27	27	25	21	25	17	12	4	0	
36	Residence	Non-Participating	410142.37	4879305.93	29	33	34	29	24	30	22	18	12	0	
37	Residence	Non-Participating	409919.35	4879408.51	25	29	29	25	22	26	18	14	6	0	
38	Residence	Non-Participating	410063.44	4879267.47	28	32	34	28	23	29	21	16	8	0	
39	Residence	Non-Participating	410081.76	4879385.02	29	33	34	28	24	29	22	17	13	0	
40	Residence	Non-Participating	409741.01	4879769.21	20	20	22	23	20	22	11	4	0	0	
41	Residence	Non-Participating	411632.15	4878893.39	35	37	39	35	30	35	28	25	26	0	
42	Residence	Non-Participating	410753.53	4878897.72	30	34	36	30	26	31	24	19	17	0	
43	Residence	Non-Participating	410038.52	4879225.58	27	32	33	27	23	28	20	15	6	0	
44	Residence	Non-Participating	413857.32	4881628.94	24	31	32	26	21	26	17	10	0	0	
45	Residence	Non-Participating	410024.68	4879290.09	27	32	33	27	23	28	20	15	8	0	
46	Residence	Non-Participating	409612.71	4879507.36	19	19	21	22	19	21	9	2	0	0	
47	Residence	Non-Participating	409935.59	4879680.77	26	28	29	26	22	27	19	15	9	0	
48	Residence	Non-Participating	410136.83	4879425.44	30	34	35	29	25	30	23	19	16	0	
49	Residence	Non-Participating	410076.51	4879359.32	28	33	34	28	24	29	22	17	12	0	
51	Residence	Non-Participating	409866.40	4879647.58	22	21	23	24	21	23	13	7	0	0	
52	Residence	Non-Participating	410319.42	4879274.85	31	34	36	30	26	31	24	20	17	0	
53	Residence	Non-Participating	410156.78	4879412.44	30	34	35	29	25	31	23	19	17	0	
55	Residence	Non-Participating	414289.20	4879728.97	33	37	37	32	28	34	27	23	22	0	
56	Residence	Non-Participating	409931.62	4879490.39	26	29	29	26	22	27	19	14	8	0	
57	Residence	Non-Participating	414120.80	4879298.32	29	34	35	29	25	30	22	16	5	0	
58	Residence	Non-Participating	410087.64	4879243.41	28	32	34	28	23	29	21	16	9	0	
59	Residence	Non-Participating	409949.94	4879481.41	26	29	29	26	22	27	19	14	9	0	
60	Residence	Non-Participating	413977.90	4881684.49	24	30	32	25	21	26	17	10	0	0	
61	Residence	Non-Participating	409961.73	4879470.64	26	28	28	26	22	27	18	14	9	0	
63	Residence	Non-Participating	409902.91	4879477.33	25	28	28	25	21	26	18	13	6	0	
64	Residence	Non-Participating	410141.27	4879400.28	30	34	35	29	25	30	23	19	15	0	
65	Residence	Non-Participating	412859.44	4879214.89	34	37	40	35	30	34	27	22	18	0	
66	Residence	Non-Participating	409797.73	4879427.78	23	25	25	24	20	24	15	10	1	0	
67	Residence	Non-Participating	410025.42	4879408.88	27	30	30	26	23	28	20	16	11	0	
68	Residence	Non-Participating	414810.77	4879206.45	26	31	32	26	22	27	20	14	7	0	
69	Residence	Non-Participating	413653.05	4879330.43	32	36	37	32	27	33	25	21	16	0	
70	Residence	Non-Participating	410091.46	4879356.49	29	33	34	28	24	29	22	17	12	0	
71	Residence	Non-Participating	409992.18	4879618.42	25	26	26	25	22	26	17	12	7	0	
72	Residence	Non-Participating	409649.85	4879770.73	22	25	26	23	19	23	15	9	0	0	
73	Residence	Non-Participating	414100.52	4881708.55	24	30	32	25	21	26	17	10	0	0	
74	Residence	Non-Participating	413815.83	4881686.99	24	30	32	25	21	25	17	8	0	0	
75	Residence	Non-Participating	414694.01	4881856.24	23	29	30	24	19	24	16	9	0	0	
76	Residence	Non-Participating	409896.63	4879592.93	22	22	23	24	21	24	13	7	0	0	
77	Residence	Non-Participating	410540.34	4879125.67	32	35	36	31	26	32	25	21	19	0	
78	Residence	Non-Participating	409733.41	4879664.51	20	20	22	23	20	22	11	4	0	0	
79	Residence	Non-Participating	409698.03	4879472.34	20	20	22	23	19	21	10	3	0	0	
80	Residence	Non-Participating	410110.26	4879365.08	29	33	34	29	24	30	22	18	13	0	
81	Residence	Non-Participating	410121.81	4879405.77	29	33	35	29	24	30	23	19	15	0	
82	Residence	Non-Participating	412262.05	4879073.44	34	37	41	36	31	34	28	22	17	0	
83	Residence	Non-Participating	410239.31	4879264.42	30	34	35	29	25	30	23	19	14	0	
84	Residence	Non-Participating	409857.25	4879548.89	22	21	23	24	21	23	12	6	0	0	
85	Residence	Non-Participating	409933.70	4879163.25	25	31	33	26	22	27	19	12	1	0	
86	Residence	Non-Participating	409748.21	4879473.73	20	20	22	23	20	22	11	4	0	0	
87	Residence	Non-Participating	410213.45	4879384.37	31	34	35	30	25	31	24	20	18	0	
88	Residence	Non-Participating	409868.98	4879399.46	25	28	28	25	21	26	18	12	4	0	
89	Residence	Non-Participating	409827.78	4879517.70	21	21	22	23	20	23	12	6	0	0	
90	Residence	Non-Participating	410451.21	4879212.31	32	35	36	31	26	32	25	21	18	0	
92	Residence	Non-Participating	409672.39	4879435.55	20	20	21	22	19	21	10	2	0	0	
93	Residence	Non-Participating	410123.59	4879320.16	29	33	34	28	24	30	22	17	12	0	
94	Residence	Non-Participating	409929.91	4879199.52	26	31	33	26	22	27	19	13	2	0	
95	Residence	Non-Participating	409990.41	4879447.09	26	28	28	26	22	27	19	15	10	0	
96	Residence	Non-Participating	413768.82	4879316.79	31	35	37	31	26	32	24	19	13	0	
97	Residence	Non-Participating	410209.86	4879294.42	30	34	35	29	25	30	23	19	14	0	
98	Residence	Non-Participating	410469.25	4879182.07	31	35	36	31	26	32	25	21	18	0	
99	Residence	Non-Participating	411545.96	4878754.75	32	36	38	32	27	32	25	20	17	0	
100	Residence	Non-Participating	409651.01	4879488.25	19	20	21	22	19	21	10	2	0	0	
101	Residence	Non-Participating	409871.80	4879273.52	25	28	29	25	21	26	18	12	1	0	

Table 7-4.1a: Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [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)										
102	Residence	Non-Participating	409985.08	4879240.29	27	32	33	27	23	28	20	14	5	0
103	Residence	Non-Participating	409924.99	4879431.28	25	28	28	25	22	26	18	13	7	0
104	Residence	Non-Participating	410283.86	4879181.92	29	34	35	29	25	30	23	18	12	0
105	Residence	Non-Participating	411177.21	4880502.04	28	33	36	30	25	29	21	13	1	0
106	Residence	Non-Participating	415368.14	4881384.02	20	25	25	21	17	22	13	6	0	0
107	Residence	Non-Participating	409647.75	4879443.77	19	20	21	22	19	21	10	2	0	0
108	Residence	Non-Participating	410264.68	4879313.99	30	34	35	30	25	31	24	20	17	0
109	Residence	Non-Participating	411467.25	4878361.09	27	32	35	29	24	28	20	12	0	0
110	Residence	Non-Participating	410266.28	4879911.41	32	34	34	31	26	32	25	22	22	0
111	Residence	Non-Participating	409719.12	4879784.93	23	26	26	24	20	24	15	10	0	0
112	Residence	Non-Participating	409797.49	4879494.35	21	21	22	23	20	22	12	5	0	0
113	Residence	Non-Participating	410583.28	4879107.24	32	35	36	31	27	32	25	22	20	0
115	Residence	Non-Participating	414132.45	4881772.27	24	30	31	25	20	25	17	10	0	0
116	Residence	Non-Participating	409869.38	4879489.59	24	27	27	25	21	25	17	12	5	0
117	Residence	Non-Participating	414162.44	4882663.85	18	27	29	22	16	20	9	0	0	0
118	Residence	Non-Participating	411354.90	4880597.03	28	33	37	31	26	29	22	12	0	0
119	Residence	Non-Participating	410073.38	4879803.19	29	31	31	28	24	29	22	18	15	0
120	Residence	Non-Participating	412019.83	4880883.58	27	32	36	31	26	28	21	9	0	0
121	Residence	Non-Participating	411907.98	4880898.96	27	33	36	31	25	28	21	10	0	0
122	Residence	Non-Participating	412125.78	4881026.21	26	32	36	30	25	27	20	9	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
8	Residence	Non-Participating	412638.58	4879323.21	36	39	42	37	32	36	30	24	21	0
117	Residence	Non-Participating	414162.44	4882663.85	18	27	29	22	16	20	9	0	0	0

Table 7-4.1b: 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)											
8	Residence	Non-Participating	412638.58	4879323.21	36	39	42	37	32	36	30	24	21	0	
41	Residence	Non-Participating	411632.15	4878893.39	35	37	39	35	30	35	28	25	26	0	
82	Residence	Non-Participating	412262.05	4879073.44	34	37	41	36	31	34	28	22	17	0	
65	Residence	Non-Participating	412859.44	4879214.89	34	37	40	35	30	34	27	22	18	0	
55	Residence	Non-Participating	414289.20	4879728.97	33	37	37	32	28	34	27	23	22	0	
17	Residence	Non-Participating	413007.40	4879205.94	33	37	39	34	29	34	27	22	18	0	
110	Residence	Non-Participating	410266.28	4879911.41	32	34	34	31	26	32	25	22	22	0	
113	Residence	Non-Participating	410583.28	4879107.24	32	35	36	31	27	32	25	22	20	0	
69	Residence	Non-Participating	413653.05	4879330.43	32	36	37	32	27	33	25	21	16	0	
99	Residence	Non-Participating	411545.96	4878754.75	32	36	38	32	27	32	25	20	17	0	
77	Residence	Non-Participating	410540.34	4879125.67	32	35	36	31	26	32	25	21	19	0	
90	Residence	Non-Participating	410451.21	4879212.31	32	35	36	31	26	32	25	21	18	0	
13	Residence	Non-Participating	410421.51	4879230.15	31	35	36	31	26	32	25	21	18	0	
98	Residence	Non-Participating	410469.25	4879182.07	31	35	36	31	26	32	25	21	18	0	
96	Residence	Non-Participating	413768.82	4879316.79	31	35	37	31	26	32	24	19	13	0	
52	Residence	Non-Participating	410319.42	4879274.85	31	34	36	30	26	31	24	20	17	0	
20	Residence	Non-Participating	410622.75	4878984.51	31	34	36	30	26	31	24	20	18	0	
87	Residence	Non-Participating	410213.45	4879384.37	31	34	35	30	25	31	24	20	18	0	
10	Residence	Non-Participating	410705.29	4878925.68	31	34	36	30	26	31	24	19	17	0	
108	Residence	Non-Participating	410264.68	4879313.99	30	34	35	30	25	31	24	20	17	0	
42	Residence	Non-Participating	410753.53	4878897.72	30	34	36	30	26	31	24	19	17	0	
34	Residence	Non-Participating	413882.88	4879318.78	30	35	36	30	26	31	24	18	10	0	
53	Residence	Non-Participating	410156.78	4879412.44	30	34	35	29	25	31	23	19	17	0	
48	Residence	Non-Participating	410136.83	4879425.44	30	34	35	29	25	30	23	19	16	0	
14	Residence	Non-Participating	410088.70	4879662.57	30	32	32	29	24	30	23	19	17	0	
64	Residence	Non-Participating	410141.27	4879400.28	30	34	35	29	25	30	23	19	15	0	
28	Residence	Non-Participating	410130.68	4879867.27	30	32	32	29	24	30	23	19	17	0	
83	Residence	Non-Participating	410239.31	4879264.42	30	34	35	29	25	30	23	19	14	0	
97	Residence	Non-Participating	410209.86	4879294.42	30	34	35	29	25	30	23	19	14	0	
81	Residence	Non-Participating	410121.81	4879405.77	29	33	35	29	24	30	23	19	15	0	
104	Residence	Non-Participating	410283.86	4879181.92	29	34	35	29	25	30	23	18	12	0	
27	Residence	Non-Participating	411511.34	4878687.27	29	34	36	31	26	30	23	16	9	0	
57	Residence	Non-Participating	414120.80	4879298.32	29	34	35	29	25	30	22	16	5	0	
19	Residence	Non-Participating	410145.41	4879328.53	29	33	34	29	24	30	22	18	13	0	
31	Residence	Non-Participating	411097.27	4878766.19	29	33	36	30	26	30	22	17	11	0	
23	Residence	Non-Participating	410132.87	4879341.06	29	33	34	29	24	30	22	18	13	0	
80	Residence	Non-Participating	410110.26	4879365.08	29	33	34	29	24	30	22	18	13	0	
36	Residence	Non-Participating	410142.37	4879305.93	29	33	34	29	24	30	22	18	12	0	
119	Residence	Non-Participating	410073.38	4879803.19	29	31	31	28	24	29	22	18	15	0	
93	Residence	Non-Participating	410123.59	4879320.16	29	33	34	28	24	30	22	17	12	0	
39	Residence	Non-Participating	410081.76	4879385.02	29	33	34	28	24	29	22	17	13	0	
70	Residence	Non-Participating	410091.46	4879356.49	29	33	34	28	24	29	22	17	12	0	
49	Residence	Non-Participating	410076.51	4879359.32	28	33	34	28	24	29	22	17	12	0	
118	Residence	Non-Participating	411354.90	4880597.03	28	33	37	31	26	29	22	12	0	0	
105	Residence	Non-Participating	411177.21	4880502.04	28	33	36	30	25	29	21	13	1	0	
58	Residence	Non-Participating	410087.64	4879243.41	28	32	34	28	23	29	21	16	9	0	
38	Residence	Non-Participating	410063.44	4879267.47	28	32	34	28	23	29	21	16	8	0	
121	Residence	Non-Participating	411907.98	4880898.96	27	33	36	31	25	28	21	10	0	0	
45	Residence	Non-Participating	410024.68	4879290.09	27	32	33	27	23	28	20	15	8	0	
12	Residence	Non-Participating	410050.97	4879392.80	27	30	30	27	23	28	20	16	11	0	
43	Residence	Non-Participating	410038.52	4879225.58	27	32	33	27	23	28	20	15	6	0	
120	Residence	Non-Participating	412019.83	4880883.58	27	32	36	31	26	28	21	9	0	0	
67	Residence	Non-Participating	410025.42	4879408.88	27	30	30	26	23	28	20	16	11	0	
109	Residence	Non-Participating	411467.25	4878361.09	27	32	35	29	24	28	20	12	0	0	
102	Residence	Non-Participating	409985.08	4879240.29	27	32	33	27	23	28	20	14	5	0	
122	Residence	Non-Participating	412125.78	4881026.21	26	32	36	30	25	27	20	9	0	0	
68	Residence	Non-Participating	414810.77	4879206.45	26	31	32	26	22	27	20	14	7	0	
95	Residence	Non-Participating	409990.41	4879447.09	26	28	28	26	22	27	19	15	10	0	
25	Residence	Non-Participating	409927.26	4879239.25	26	31	33	26	22	27	19	13	3	0	
59	Residence	Non-Participating	409949.94	4879481.41	26	29	29	26	22	27	19	14	9	0	
47	Residence	Non-Participating	409935.59	4879680.77	26	28	29	26	22	27	19	15	9	0	
94	Residence	Non-Participating	409929.91	4879199.52	26	31	33	26	22	27	19	13	2	0	
11	Residence	Non-Participating	410001.93	4879495.42	26	27	28	26	22	27	18	15	11	0	
56	Residence	Non-Participating	409931.62	4879490.39	26	29	29	26	22	27	19	14	8	0	
61	Residence	Non-Participating	409961.73	4879470.64	26	28	28	26	22	27	18	14	9	0	
85	Residence	Non-Participating	409933.70	4879163.25	25	31	33	26	22	27	19	12	1	0	
37	Residence	Non-Participating	409919.35	4879408.51	25	29	29	25	22	26	18	14	6	0	
22	Residence	Non-Participating	409921.80	4879462.57	25	28	28	25	22	26	18	14	7	0	
103	Residence	Non-Participating	409924.99	4879431.28	25	28	28	25	22	26	18	13	7	0	
63	Residence	Non-Participating	409902.91	4879477.33	25	28	28	25	21	26	18	13	6	0	
15	Residence	Non-Participating	409923.16	4879346.56	25	29	29	25	21	26	18	13	5	0	
32	Residence	Non-Participating	409917.53	4879090.76	25	30	32	26	21	26	18	11	0	0	
7	Residence	Non-Participating	409959.25	4879327.31	25	28	28	25	21	26	18	13	6	0	
30	Residence	Non-Participating	409900.53	4879511.78	25	28	28	25	21	26	18	13	7	0	
88	Residence	Non-Participating	409868.98	4879399.46	25	28	28	25	21	26	18	12	4	0	
71	Residence	Non-Participating	409992.18	4879618.42	25	26	26	25	22	26	17	12	7	0	
101	Residence	Non-Participating	409871.80	4879273.52	25	28	29	25	21	26	18	12	1	0	
44	Residence	Non-Participating	413857.32	4881628.94	24	31	32	26	21	26	17	10	0	0	
116	Residence	Non-Participating	409869.38	4879489.59	24	27	27	25	21	25	17	12	5	0	
73	Residence	Non-Participating	414100.52	4881708.55	24	30	32	25	21	26	17	10	0	0	
60	Residence	Non-Participating	413977.90	4881684.49	24	30	32	25	21	26	17	10	0	0	
26	Residence	Non-Participating	409859.31	4879326.12	24	28	28	24	21	25	17	12	2	0	
35	Residence	Non-Participating	409853.20	4879473.58	24	27	27	25	21	25	17	12	4	0	
74	Residence	Non-Participating	413815.83	4881686.99	24	30	32	25	21	25	17	8	0	0	
115	Residence	Non-Participating	414132.45	4881772.27	24	30	31	25	20	25	17	10	0	0	
24	Residence	Non-Participating	410004.53	4879739.84	24	23	24	25	22	25	15	10	5	0	
18	Residence	Non-Participating	409704.59	4879800.72	23	27	27	24	20	24	16	10	0	0	
33	Residence	Non-Participating	415250.29	4880950.24	23	28	30	24	20	24	16	9	0	0	
75	Residence	Non-Participating	414694.01	4881856.24	23	29	30	24	19	24	16	9	0	0	
111	Residence	Non-Participating	409719.12	4879784.93	23	26	26	24	20	24	15	10	0	0	

Table 7-4.1b: 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 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
66	Residence	Non-Participating	409797.73	4879427.78	23	25	25	24	20	24	15	10	1	0
76	Residence	Non-Participating	409896.63	4879592.93	22	22	23	24	21	24	13	7	0	0
72	Residence	Non-Participating	409649.85	4879770.73	22	25	26	23	19	23	15	9	0	0
51	Residence	Non-Participating	409866.40	4879647.58	22	21	23	24	21	23	13	7	0	0
84	Residence	Non-Participating	409857.25	4879548.89	22	21	23	24	21	23	12	6	0	0
29	Residence	Non-Participating	409832.15	4879678.76	21	21	22	24	20	23	12	6	0	0
89	Residence	Non-Participating	409827.78	4879517.70	21	21	22	23	20	23	12	6	0	0
112	Residence	Non-Participating	409797.49	4879494.35	21	21	22	23	20	22	12	5	0	0
40	Residence	Non-Participating	409741.01	4879769.21	20	20	22	23	20	22	11	4	0	0
78	Residence	Non-Participating	409733.41	4879664.51	20	20	22	23	20	22	11	4	0	0
106	Residence	Non-Participating	415368.14	4881384.02	20	25	25	21	17	22	13	6	0	0
86	Residence	Non-Participating	409748.21	4879473.73	20	20	22	23	20	22	11	4	0	0
21	Residence	Non-Participating	409718.61	4879695.70	20	20	22	23	19	22	11	4	0	0
79	Residence	Non-Participating	409698.03	4879472.34	20	20	22	23	19	21	10	3	0	0
92	Residence	Non-Participating	409672.39	4879435.55	20	20	21	22	19	21	10	2	0	0
100	Residence	Non-Participating	409651.01	4879488.25	19	20	21	22	19	21	10	2	0	0
9	Residence	Non-Participating	415516.48	4881496.53	19	26	28	22	17	21	11	3	0	0
107	Residence	Non-Participating	409647.75	4879443.77	19	20	21	22	19	21	10	2	0	0
46	Residence	Non-Participating	409612.71	4879507.36	19	19	21	22	19	21	9	2	0	0
117	Residence	Non-Participating	414162.44	4882663.85	18	27	29	22	16	20	9	0	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
8	Residence	Non-Participating	412638.58	4879323.21	36	39	42	37	32	36	30	24	21	0
117	Residence	Non-Participating	414162.44	4882663.85	18	27	29	22	16	20	9	0	0	0

Table 7-4.1c: 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		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)										
16	Residence	Participating	414320.24	4881806.74	24	30	31	25	20	25	17	10	1	0
50	Residence	Participating	414330.92	4879821.80	35	38	38	34	29	35	28	26	26	0
54	Residence	Participating	414880.95	4880438.10	30	34	34	29	25	31	23	19	15	0
62	Residence	Participating	414660.39	4880314.01	34	36	37	32	27	34	27	24	25	0
91	Residence	Participating	412563.68	4879468.31	38	40	44	40	34	38	32	27	26	0
114	Residence	Participating	412190.98	4879211.21	37	39	43	39	33	37	31	26	24	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
91	Residence	Participating	412563.68	4879468.31	38	40	44	40	34	38	32	27	26	0
16	Residence	Participating	414320.24	4881806.74	24	30	31	25	20	25	17	10	1	0

Table 7-4.1d: 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		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)										
91	Residence	Participating	412563.68	4879468.31	38	40	44	40	34	38	32	27	26	0
114	Residence	Participating	412190.98	4879211.21	37	39	43	39	33	37	31	26	24	0
50	Residence	Participating	414330.92	4879821.80	35	38	38	34	29	35	28	26	26	0
62	Residence	Participating	414660.39	4880314.01	34	36	37	32	27	34	27	24	25	0
54	Residence	Participating	414880.95	4880438.10	30	34	34	29	25	31	23	19	15	0
16	Residence	Participating	414320.24	4881806.74	24	30	31	25	20	25	17	10	1	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
91	Residence	Participating	412563.68	4879468.31	38	40	44	40	34	38	32	27	26	0
16	Residence	Participating	414320.24	4881806.74	24	30	31	25	20	25	17	10	1	0

Table 7-4e: 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		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	Public	Non-Participating	414027.86	4881695.05	24	30	32	25	21	26	17	10	0	0
2	Public	Non-Participating	409673.52	4879824.50	23	26	27	23	20	24	15	9	0	0
3	Public	Non-Participating	409651.28	4879691.04	20	20	21	22	19	21	10	3	0	0
5	Public	Non-Participating	410649.55	4879082.86	33	36	37	32	27	33	26	23	23	0
6	Public	Non-Participating	409617.00	4879766.49	19	19	21	22	19	21	10	2	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
5	Public	Non-Participating	410649.55	4879082.86	33	36	37	32	27	33	26	23	23	0
6	Public	Non-Participating	409617.00	4879766.49	19	19	21	22	19	21	10	2	0	0

Table 7-4f: 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		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)										
5	Public	Non-Participating	410649.55	4879082.86	33	36	37	32	27	33	26	23	23	0
1	Public	Non-Participating	414027.86	4881695.05	24	30	32	25	21	26	17	10	0	0
2	Public	Non-Participating	409673.52	4879824.50	23	26	27	23	20	24	15	9	0	0
3	Public	Non-Participating	409651.28	4879691.04	20	20	21	22	19	21	10	3	0	0
6	Public	Non-Participating	409617.00	4879766.49	19	19	21	22	19	21	10	2	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
5	Public	Non-Participating	410649.55	4879082.86	33	36	37	32	27	33	26	23	23	0
6	Public	Non-Participating	409617.00	4879766.49	19	19	21	22	19	21	10	2	0	0

Table 7-4.1g: Total Project Sound Level Modeling Results (Leq (8-Hour)) at Discrete Points - Sorted by Receptor ID [Public 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
4	Public	Participating	410356.74	4879813.19	37	38	38	35	29	36	29	27	29	5
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
4	Public	Participating	410356.74	4879813.19	37	38	39	35	30	37	30	28	30	4