

Attachment I

Exhibit 7 Attachment 1

Attachment 1

**Revised Exhibit 7 Results Tables and Appendices
(Tables 7-4, 7-5, 7-7, 7-8)
(Appendices 7-4, 7-5)**

Table 7-4: Receptors Modeled at 35 dBA or Greater - Unmitigated Total Sound Leq (8-Hour)

Modeled Leq Sound Level [dBA]	# of Receptors			
	Residential		Public	
	Participating	Non- Participating	Participating	Non- Participating
38	1	0	0	0
37	1	0	1	0
36	0	1	0	0
35	1	1	0	0

Table 7-5: Unmitigated Tonal Analysis & Compliance Evaluation: Modeled Sound Pressure Levels from Inverters

Receptor ID	One-Third Octave Band Center Frequency (Hz)	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000	
4	Tonal Limit	-	15	15	15	15	15	15	15	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	-
	Received Sound Pressure Level (dB)	23	29	30	29	28	26	27	31	27	24	28	30	34	32	27	24	22	20	20	19	19	16	9	20	7	0	0	
	Average Sound Pressure Level of Contiguous Bands	-	27	29	29	28	27	29	27	27	28	27	27	31	31	30	28	25	22	21	20	19	17	14	18	8	10	4	-
	Difference between Sound Pressure Level and Contiguous Average	-	2	1	0	0	-1	-1	4	-1	-3	0	0	3	2	-1	0	0	-1	0	0	2	2	-9	12	-3	-3	-	
Below Tonal Limit?	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	-	
5	Received Sound Pressure Level (dB)	21	26	28	27	26	24	25	29	25	22	26	28	32	30	25	23	20	18	18	18	19	16	11	27	19	13	12	
	Average Sound Pressure Level of Contiguous Bands	-	24	27	27	26	25	27	25	26	25	25	29	29	28	26	23	21	19	18	19	17	15	22	15	20	16	-	
	Difference between Sound Pressure Level and Contiguous Average	-	2	1	0	0	-1	-1	4	-1	-3	0	0	3	2	-1	0	0	-1	0	0	2	1	-10	12	-1	-3	-	
	Below Tonal Limit?	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	-
41	Received Sound Pressure Level (dB)	24	29	30	30	28	27	28	32	27	25	29	31	35	33	28	26	23	21	21	21	21	18	13	28	20	13	12	
	Average Sound Pressure Level of Contiguous Bands	-	27	29	29	28	28	30	28	29	28	28	32	32	31	29	26	23	22	21	21	20	17	23	16	20	16	-	
	Difference between Sound Pressure Level and Contiguous Average	-	2	1	0	0	-1	-1	4	-1	-3	0	0	3	2	-1	0	0	-1	0	0	2	2	-11	12	-1	-3	-	
	Below Tonal Limit?	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	-	
50	Received Sound Pressure Level (dB)	25	30	31	30	29	28	29	32	28	26	29	31	35	33	28	26	23	21	21	20	20	17	9	22	7	0	0	
	Average Sound Pressure Level of Contiguous Bands	-	28	30	30	29	29	30	28	29	28	29	32	32	32	30	26	23	22	21	21	19	15	19	8	11	4	-	
	Difference between Sound Pressure Level and Contiguous Average	-	2	1	0	0	-1	-1	4	-1	-3	0	0	3	2	-1	0	0	-1	0	0	2	2	-10	13	-3	-4	-	
	Below Tonal Limit?	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	-	
62	Received Sound Pressure Level (dB)	23	29	30	29	28	26	27	31	27	25	28	31	34	33	28	25	23	21	22	22	23	22	18	35	27	21	20	
	Average Sound Pressure Level of Contiguous Bands	-	27	29	29	28	28	29	27	28	27	28	31	32	31	29	25	23	22	22	22	22	22	21	28	22	28	24	-
	Difference between Sound Pressure Level and Contiguous Average	-	2	1	0	0	-1	-1	4	-1	-3	0	0	3	2	-1	0	0	-1	0	0	1	1	-11	12	-1	-3	-	
	Below Tonal Limit?	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	-	

Table 7-7: Unmitigated Construction Noise Modeling Results - Area 1 Construction [dBA]

Receptor ID	Distance [m]	Participation Status	Site Preparation & Grading	Trenching & Road Construction	Equipment Installation	Commissioning	Worst-Case Total (All Phases)
4	26	Participating	81	81	80	46	85
110	137	Non-Participating	65	66	66	31	70
28	254	Non-Participating	60	62	61	26	66
119	309	Non-Participating	59	60	60	25	64
14	315	Non-Participating	58	59	59	24	63
24	379	Non-Participating	57	58	58	23	62
71	422	Non-Participating	56	57	57	22	61
87	429	Non-Participating	55	57	56	21	61
53	430	Non-Participating	55	57	56	21	61
48	430	Non-Participating	55	57	56	21	61

Table 7-8: Unmitigated Construction Noise Modeling Results - Area 2 Construction [dBA]

Receptor ID	Distance [m]	Participation Status	HDD	Commissioning	Worst-Case Total (All Phases)
91	226	Participating	57	28	57
8	315	Non-Participating	55	25	55
65	432	Non-Participating	52	22	52
17	506	Non-Participating	51	20	51
114	677	Participating	48	18	48
82	721	Non-Participating	47	17	47
69	973	Non-Participating	44	14	44
96	1088	Non-Participating	43	13	43
34	1197	Non-Participating	42	12	42
41	1316	Non-Participating	41	11	41

Table 7-4.1a: Unmitigated 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: 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)											
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: 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)										
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: 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		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: 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		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: 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		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: 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		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: Unmitigated 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

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)											
7	Residence	Non-Participating	409959.25	4879327.31	12	13	19	21	14	12	2	0	0	0	
8	Residence	Non-Participating	412638.58	4879323.21	32	35	41	36	30	31	26	18	0	0	
9	Residence	Non-Participating	415516.48	4881496.53	10	20	25	19	11	10	0	0	0	0	
10	Residence	Non-Participating	410705.29	4878925.68	21	26	32	26	20	21	14	0	0	0	
11	Residence	Non-Participating	410001.93	4879495.42	12	14	20	21	15	13	3	0	0	0	
12	Residence	Non-Participating	410050.97	4879392.80	13	14	20	21	15	13	3	0	0	0	
13	Residence	Non-Participating	410421.51	4879230.15	20	26	32	26	20	20	13	0	0	0	
14	Residence	Non-Participating	410088.70	4879662.57	13	14	20	21	15	13	4	0	0	0	
15	Residence	Non-Participating	409923.16	4879346.56	12	13	19	20	14	12	2	0	0	0	
17	Residence	Non-Participating	413007.40	4879205.94	27	31	37	31	26	27	21	11	0	0	
18	Residence	Non-Participating	409704.59	4879800.72	11	13	18	20	13	11	1	0	0	0	
19	Residence	Non-Participating	410145.41	4879328.53	18	25	31	24	18	18	11	0	0	0	
20	Residence	Non-Participating	410622.75	4878984.51	20	26	32	26	20	21	14	0	0	0	
21	Residence	Non-Participating	409718.61	4879695.70	11	13	19	20	13	11	1	0	0	0	
22	Residence	Non-Participating	409921.80	4879462.57	12	13	19	21	14	12	2	0	0	0	
23	Residence	Non-Participating	410132.87	4879341.06	18	25	31	24	18	18	11	0	0	0	
24	Residence	Non-Participating	410004.53	4879739.84	13	14	20	21	15	13	3	0	0	0	
25	Residence	Non-Participating	409927.26	4879239.25	17	24	30	23	17	17	9	0	0	0	
26	Residence	Non-Participating	409859.31	4879326.12	12	13	19	20	14	12	1	0	0	0	
27	Residence	Non-Participating	411511.34	4878687.27	24	29	35	29	23	24	18	6	0	0	
28	Residence	Non-Participating	410130.68	4879867.27	13	14	20	22	15	13	4	0	0	0	
29	Residence	Non-Participating	409832.15	4879678.76	12	13	19	20	14	12	2	0	0	0	
30	Residence	Non-Participating	409900.53	4879511.78	12	13	19	20	14	12	2	0	0	0	
31	Residence	Non-Participating	411097.27	4878766.19	22	28	34	28	22	23	16	3	0	0	
32	Residence	Non-Participating	409917.53	4879090.76	16	24	29	23	17	17	9	0	0	0	
33	Residence	Non-Participating	415250.29	4880950.24	12	21	27	20	13	12	3	0	0	0	
34	Residence	Non-Participating	413882.88	4879318.78	20	26	32	26	20	21	14	0	0	0	
35	Residence	Non-Participating	409853.20	4879473.58	12	13	19	20	14	12	2	0	0	0	
36	Residence	Non-Participating	410142.37	4879305.93	18	25	31	24	18	18	11	0	0	0	
37	Residence	Non-Participating	409919.35	4879408.51	12	13	19	20	14	12	2	0	0	0	
38	Residence	Non-Participating	410063.44	4879267.47	18	24	30	24	18	18	10	0	0	0	
39	Residence	Non-Participating	410081.76	4879385.02	18	25	30	24	18	18	11	0	0	0	
40	Residence	Non-Participating	409741.01	4879769.21	11	13	19	20	13	11	1	0	0	0	
41	Residence	Non-Participating	411632.15	4878893.39	26	31	37	31	25	26	21	10	0	0	
42	Residence	Non-Participating	410753.53	4878897.72	21	27	32	26	21	21	14	0	0	0	
43	Residence	Non-Participating	410038.52	4879225.58	17	24	30	24	18	18	10	0	0	0	
44	Residence	Non-Participating	413857.32	4881628.94	16	23	29	23	16	16	8	0	0	0	
45	Residence	Non-Participating	410024.68	4879290.09	17	24	30	24	18	18	10	0	0	0	
46	Residence	Non-Participating	409612.71	4879507.36	10	12	18	19	13	10	0	0	0	0	
47	Residence	Non-Participating	409935.59	4879680.77	12	14	19	21	14	12	2	0	0	0	
48	Residence	Non-Participating	410136.83	4879425.44	18	25	31	24	18	18	11	0	0	0	
49	Residence	Non-Participating	410076.51	4879359.32	18	24	30	24	18	18	10	0	0	0	
51	Residence	Non-Participating	409866.40	4879647.58	12	13	19	20	14	12	2	0	0	0	
52	Residence	Non-Participating	410319.42	4879274.85	19	25	31	25	19	19	12	0	0	0	
53	Residence	Non-Participating	410156.78	4879412.44	18	25	31	25	18	19	11	0	0	0	
55	Residence	Non-Participating	414289.20	4879728.97	18	25	31	24	18	18	11	0	0	0	
56	Residence	Non-Participating	409931.62	4879490.39	12	13	19	21	14	12	2	0	0	0	
57	Residence	Non-Participating	414120.80	4879298.32	19	25	31	25	19	19	12	0	0	0	
58	Residence	Non-Participating	410087.64	4879243.41	18	24	30	24	18	18	10	0	0	0	
59	Residence	Non-Participating	409949.94	4879481.41	12	14	19	21	14	12	2	0	0	0	
60	Residence	Non-Participating	413977.90	4881684.49	15	23	29	22	16	15	7	0	0	0	
61	Residence	Non-Participating	409961.73	4879470.64	12	14	19	21	14	12	2	0	0	0	
63	Residence	Non-Participating	409902.91	4879477.33	12	13	19	20	14	12	2	0	0	0	
64	Residence	Non-Participating	410141.27	4879400.28	18	25	31	24	18	18	11	0	0	0	
65	Residence	Non-Participating	412859.44	4879214.89	28	32	38	33	27	28	23	13	0	0	
66	Residence	Non-Participating	409797.73	4879427.78	11	13	19	20	13	11	1	0	0	0	
67	Residence	Non-Participating	410025.42	4879408.88	13	14	20	21	15	13	3	0	0	0	
68	Residence	Non-Participating	414810.77	4879206.45	15	23	28	22	15	15	7	0	0	0	
69	Residence	Non-Participating	413653.05	4879330.43	22	27	33	27	22	22	16	2	0	0	
70	Residence	Non-Participating	410091.46	4879356.49	18	25	30	24	18	18	11	0	0	0	
71	Residence	Non-Participating	409992.18	4879618.42	12	14	20	21	15	13	3	0	0	0	
72	Residence	Non-Participating	409649.85	4879770.73	11	12	18	20	13	11	0	0	0	0	
73	Residence	Non-Participating	414100.52	4881708.55	15	22	28	22	15	15	6	0	0	0	
74	Residence	Non-Participating	413815.83	4881686.99	16	23	29	23	16	16	8	0	0	0	
75	Residence	Non-Participating	414694.01	4881856.24	12	21	27	20	13	12	3	0	0	0	
76	Residence	Non-Participating	409896.63	4879592.93	12	13	19	20	14	12	2	0	0	0	
77	Residence	Non-Participating	410540.34	4879125.67	20	26	32	26	20	20	14	0	0	0	
78	Residence	Non-Participating	409733.41	4879664.51	11	13	19	20	13	11	1	0	0	0	
79	Residence	Non-Participating	409698.03	4879472.34	11	13	18	20	13	11	1	0	0	0	
80	Residence	Non-Participating	410110.26	4879365.08	18	25	30	24	18	18	11	0	0	0	
81	Residence	Non-Participating	410121.81	4879405.77	18	25	31	24	18	18	11	0	0	0	
82	Residence	Non-Participating	412262.05	4879073.44	31	34	40	35	29	30	25	17	0	0	
83	Residence	Non-Participating	410239.31	4879264.42	19	25	31	25	19	19	12	0	0	0	
84	Residence	Non-Participating	409857.25	4879548.89	12	13	19	20	14	12	2	0	0	0	
85	Residence	Non-Participating	409933.70	4879163.25	17	24	30	23	17	17	9	0	0	0	
86	Residence	Non-Participating	409748.21	4879473.73	11	13	19	20	13	11	1	0	0	0	
87	Residence	Non-Participating	410213.45	4879384.37	19	25	31	25	19	19	12	0	0	0	
88	Residence	Non-Participating	409868.98	4879399.46	12	13	19	20	14	12	2	0	0	0	
89	Residence	Non-Participating	409827.78	4879517.70	12	13	19	20	14	12	1	0	0	0	
90	Residence	Non-Participating	410451.21	4879212.31	20	26	32	26	20	20	13	0	0	0	
92	Residence	Non-Participating	409672.39	4879435.55	11	12	18	20	13	11	0	0	0	0	
93	Residence	Non-Participating	410123.59	4879320.16	18	25	30	24	18	18	11	0	0	0	
94	Residence	Non-Participating	409929.91	4879199.52	17	24	30	23	17	17	9	0	0	0	
95	Residence	Non-Participating	409990.41	4879447.09	12	14	19	21	14	12	3	0	0	0	
96	Residence	Non-Participating	413768.82	4879316.79	21	27	33	27	21	21	15	0	0	0	
97	Residence	Non-Participating	410209.86	4879294.42	18	25	31	25	18	19	11	0	0	0	
98	Residence	Non-Participating	410469.25	4879182.07	20	26	32	26	20	20	13	0	0	0	
99	Residence	Non-Participating	411545.96	4878754.75	25	29	35	30	24	25	19	7	0	0	
100	Residence	Non-Participating	409651.01	4879488.25	11	12	18	19	13	11	0	0	0	0	
101	Residence	Non-Participating	409871.80	4879273.52	12	13	19	20	14	12	2	0	0	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)										
102	Residence	Non-Participating	409985.08	4879240.29	17	24	30	24	17	17	10	0	0	0
103	Residence	Non-Participating	409924.99	4879431.28	12	13	19	21	14	12	2	0	0	0
104	Residence	Non-Participating	410283.86	4879181.92	19	25	31	25	19	19	12	0	0	0
105	Residence	Non-Participating	411177.21	4880502.04	24	29	35	29	23	24	18	6	0	0
106	Residence	Non-Participating	415368.14	4881384.02	6	10	15	16	9	6	0	0	0	0
107	Residence	Non-Participating	409647.75	4879443.77	11	12	18	19	13	11	0	0	0	0
108	Residence	Non-Participating	410264.68	4879313.99	19	25	31	25	19	19	12	0	0	0
109	Residence	Non-Participating	411467.25	4878361.09	22	27	33	27	21	22	15	1	0	0
110	Residence	Non-Participating	410266.28	4879911.41	14	15	21	22	16	14	5	0	0	0
111	Residence	Non-Participating	409719.12	4879784.93	11	13	19	20	13	11	1	0	0	0
112	Residence	Non-Participating	409797.49	4879494.35	11	13	19	20	14	11	1	0	0	0
113	Residence	Non-Participating	410583.28	4879107.24	20	26	32	26	20	21	14	0	0	0
115	Residence	Non-Participating	414132.45	4881772.27	14	22	28	22	15	15	6	0	0	0
116	Residence	Non-Participating	409869.38	4879489.59	12	13	19	20	14	12	2	0	0	0
117	Residence	Non-Participating	414162.44	4882663.85	11	20	26	19	12	11	1	0	0	0
118	Residence	Non-Participating	411354.90	4880597.03	25	30	35	30	24	25	19	7	0	0
119	Residence	Non-Participating	410073.38	4879803.19	13	14	20	21	15	13	3	0	0	0
120	Residence	Non-Participating	412019.83	4880883.58	25	30	36	30	24	25	20	8	0	0
121	Residence	Non-Participating	411907.98	4880898.96	25	30	36	30	24	25	19	8	0	0
122	Residence	Non-Participating	412125.78	4881026.21	24	29	35	29	23	24	18	6	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
8	Residence	Non-Participating	412639	4879323	32	35	41	36	30	31	26	18	0	0
106	Residence	Non-Participating	415368	4881384	6	10	15	16	9	6	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		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)											
8	Residence	Non-Participating	412638.58	4879323.21	32	35	41	36	30	31	26	18	0	0	
82	Residence	Non-Participating	412262.05	4879073.44	31	34	40	35	29	30	25	17	0	0	
65	Residence	Non-Participating	412859.44	4879214.89	28	32	38	33	27	28	23	13	0	0	
17	Residence	Non-Participating	413007.40	4879205.94	27	31	37	31	26	27	21	11	0	0	
41	Residence	Non-Participating	411632.15	4878893.39	26	31	37	31	25	26	21	10	0	0	
120	Residence	Non-Participating	412019.83	4880883.58	25	30	36	30	24	25	20	8	0	0	
121	Residence	Non-Participating	411907.98	4880898.96	25	30	36	30	24	25	19	8	0	0	
118	Residence	Non-Participating	411354.90	4880597.03	25	30	35	30	24	25	19	7	0	0	
99	Residence	Non-Participating	411545.96	4878754.75	25	29	35	30	24	25	19	7	0	0	
105	Residence	Non-Participating	411177.21	4880502.04	24	29	35	29	23	24	18	6	0	0	
122	Residence	Non-Participating	412125.78	4881026.21	24	29	35	29	23	24	18	6	0	0	
27	Residence	Non-Participating	411511.34	4878687.27	24	29	35	29	23	24	18	6	0	0	
31	Residence	Non-Participating	411097.27	4878766.19	22	28	34	28	22	23	16	3	0	0	
69	Residence	Non-Participating	413653.05	4879330.43	22	27	33	27	22	22	16	2	0	0	
109	Residence	Non-Participating	411467.25	4878361.09	22	27	33	27	21	22	15	1	0	0	
96	Residence	Non-Participating	413768.82	4879316.79	21	27	33	27	21	21	15	0	0	0	
42	Residence	Non-Participating	410753.53	4878897.72	21	27	32	26	21	21	14	0	0	0	
10	Residence	Non-Participating	410705.29	4878925.68	21	26	32	26	20	21	14	0	0	0	
113	Residence	Non-Participating	410583.28	4879107.24	20	26	32	26	20	21	14	0	0	0	
34	Residence	Non-Participating	413882.88	4879318.78	20	26	32	26	20	21	14	0	0	0	
20	Residence	Non-Participating	410622.75	4878984.51	20	26	32	26	20	21	14	0	0	0	
77	Residence	Non-Participating	410540.34	4879125.67	20	26	32	26	20	20	14	0	0	0	
98	Residence	Non-Participating	410469.25	4879182.07	20	26	32	26	20	20	13	0	0	0	
90	Residence	Non-Participating	410451.21	4879212.31	20	26	32	26	20	20	13	0	0	0	
13	Residence	Non-Participating	410421.51	4879230.15	20	26	32	26	20	20	13	0	0	0	
52	Residence	Non-Participating	410319.42	4879274.85	19	25	31	25	19	19	12	0	0	0	
108	Residence	Non-Participating	410264.68	4879313.99	19	25	31	25	19	19	12	0	0	0	
57	Residence	Non-Participating	414120.80	4879298.32	19	25	31	25	19	19	12	0	0	0	
104	Residence	Non-Participating	410283.86	4879181.92	19	25	31	25	19	19	12	0	0	0	
87	Residence	Non-Participating	410213.45	4879384.37	19	25	31	25	19	19	12	0	0	0	
83	Residence	Non-Participating	410239.31	4879264.42	19	25	31	25	19	19	12	0	0	0	
97	Residence	Non-Participating	410209.86	4879294.42	18	25	31	25	18	19	11	0	0	0	
53	Residence	Non-Participating	410156.78	4879412.44	18	25	31	25	18	19	11	0	0	0	
48	Residence	Non-Participating	410136.83	4879425.44	18	25	31	24	18	18	11	0	0	0	
64	Residence	Non-Participating	410141.27	4879400.28	18	25	31	24	18	18	11	0	0	0	
55	Residence	Non-Participating	414289.20	4879728.97	18	25	31	24	18	18	11	0	0	0	
81	Residence	Non-Participating	410121.81	4879405.77	18	25	31	24	18	18	11	0	0	0	
19	Residence	Non-Participating	410145.41	4879328.53	18	25	31	24	18	18	11	0	0	0	
23	Residence	Non-Participating	410132.87	4879341.06	18	25	31	24	18	18	11	0	0	0	
36	Residence	Non-Participating	410142.37	4879305.93	18	25	31	24	18	18	11	0	0	0	
80	Residence	Non-Participating	410110.26	4879365.08	18	25	30	24	18	18	11	0	0	0	
93	Residence	Non-Participating	410123.59	4879320.16	18	25	30	24	18	18	11	0	0	0	
70	Residence	Non-Participating	410091.46	4879356.49	18	25	30	24	18	18	11	0	0	0	
39	Residence	Non-Participating	410081.76	4879385.02	18	25	30	24	18	18	11	0	0	0	
49	Residence	Non-Participating	410076.51	4879359.32	18	24	30	24	18	18	10	0	0	0	
58	Residence	Non-Participating	410087.64	4879243.41	18	24	30	24	18	18	10	0	0	0	
38	Residence	Non-Participating	410063.44	4879267.47	18	24	30	24	18	18	10	0	0	0	
45	Residence	Non-Participating	410024.68	4879290.09	17	24	30	24	18	18	10	0	0	0	
43	Residence	Non-Participating	410038.52	4879225.58	17	24	30	24	18	18	10	0	0	0	
102	Residence	Non-Participating	409985.08	4879240.29	17	24	30	24	17	17	10	0	0	0	
25	Residence	Non-Participating	409927.26	4879239.25	17	24	30	23	17	17	9	0	0	0	
94	Residence	Non-Participating	409929.91	4879199.52	17	24	30	23	17	17	9	0	0	0	
85	Residence	Non-Participating	409933.70	4879163.25	17	24	30	23	17	17	9	0	0	0	
32	Residence	Non-Participating	409917.53	4879090.76	16	24	29	23	17	17	9	0	0	0	
44	Residence	Non-Participating	413857.32	4881628.94	16	23	29	23	16	16	8	0	0	0	
74	Residence	Non-Participating	413815.83	4881686.99	16	23	29	23	16	16	8	0	0	0	
60	Residence	Non-Participating	413977.90	4881684.49	15	23	29	22	16	15	7	0	0	0	
68	Residence	Non-Participating	414810.77	4879206.45	15	23	28	22	15	15	7	0	0	0	
73	Residence	Non-Participating	414100.52	4881708.55	15	22	28	22	15	15	6	0	0	0	
115	Residence	Non-Participating	414132.45	4881772.27	14	22	28	22	15	15	6	0	0	0	
110	Residence	Non-Participating	410266.28	4879911.41	14	15	21	22	16	14	5	0	0	0	
28	Residence	Non-Participating	410130.68	4879867.27	13	14	20	22	15	13	4	0	0	0	
14	Residence	Non-Participating	410088.70	4879662.57	13	14	20	21	15	13	4	0	0	0	
119	Residence	Non-Participating	410073.38	4879803.19	13	14	20	21	15	13	3	0	0	0	
12	Residence	Non-Participating	410050.97	4879392.80	13	14	20	21	15	13	3	0	0	0	
67	Residence	Non-Participating	410025.42	4879408.88	13	14	20	21	15	13	3	0	0	0	
24	Residence	Non-Participating	410004.53	4879739.84	13	14	20	21	15	13	3	0	0	0	
71	Residence	Non-Participating	409992.18	4879618.42	12	14	20	21	15	13	3	0	0	0	
11	Residence	Non-Participating	410001.93	4879495.42	12	14	20	21	15	13	3	0	0	0	
95	Residence	Non-Participating	409990.41	4879447.09	12	14	19	21	14	12	3	0	0	0	
61	Residence	Non-Participating	409961.73	4879470.64	12	14	19	21	14	12	2	0	0	0	
59	Residence	Non-Participating	409949.94	4879481.41	12	14	19	21	14	12	2	0	0	0	
47	Residence	Non-Participating	409935.59	4879680.77	12	14	19	21	14	12	2	0	0	0	
33	Residence	Non-Participating	415250.29	4880950.24	12	21	27	20	13	12	3	0	0	0	
75	Residence	Non-Participating	414694.01	4881856.24	12	21	27	20	13	12	3	0	0	0	
103	Residence	Non-Participating	409924.99	4879431.28	12	13	19	21	14	12	2	0	0	0	
56	Residence	Non-Participating	409931.62	4879490.39	12	13	19	21	14	12	2	0	0	0	
22	Residence	Non-Participating	409921.80	4879462.57	12	13	19	21	14	12	2	0	0	0	
7	Residence	Non-Participating	409959.25	4879327.31	12	13	19	21	14	12	2	0	0	0	
37	Residence	Non-Participating	409919.35	4879408.51	12	13	19	20	14	12	2	0	0	0	
15	Residence	Non-Participating	409923.16	4879346.56	12	13	19	20	14	12	2	0	0	0	
30	Residence	Non-Participating	409900.53	4879511.78	12	13	19	20	14	12	2	0	0	0	
63	Residence	Non-Participating	409902.91	4879477.33	12	13	19	20	14	12	2	0	0	0	
76	Residence	Non-Participating	409896.63	4879592.93	12	13	19	20	14	12	2	0	0	0	
51	Residence	Non-Participating	409866.40	4879647.58	12	13	19	20	14	12	2	0	0	0	
116	Residence	Non-Participating	409869.38	4879489.59	12	13	19	20	14	12	2	0	0	0	
84	Residence	Non-Participating	409857.25	4879548.89	12	13	19	20	14	12	2	0	0	0	
88	Residence	Non-Participating	409868.98	4879399.46	12	13	19	20	14	12	2	0	0	0	
35	Residence	Non-Participating	409853.20	4879473.58	12	13	19	20	14	12	2	0	0	0	
29	Residence	Non-Participating	409832.15	4879678.76	12	13	19	20	14	12	2	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	409859.31	4879326.12	12	13	19	20	14	12	1	0	0	0
101	Residence	Non-Participating	409871.80	4879273.52	12	13	19	20	14	12	2	0	0	0
89	Residence	Non-Participating	409827.78	4879517.70	12	13	19	20	14	12	1	0	0	0
112	Residence	Non-Participating	409797.49	4879494.35	11	13	19	20	14	11	1	0	0	0
66	Residence	Non-Participating	409797.73	4879427.78	11	13	19	20	13	11	1	0	0	0
86	Residence	Non-Participating	409748.21	4879473.73	11	13	19	20	13	11	1	0	0	0
40	Residence	Non-Participating	409741.01	4879769.21	11	13	19	20	13	11	1	0	0	0
78	Residence	Non-Participating	409733.41	4879664.51	11	13	19	20	13	11	1	0	0	0
117	Residence	Non-Participating	414162.44	4882663.85	11	20	26	19	12	11	1	0	0	0
111	Residence	Non-Participating	409719.12	4879784.93	11	13	19	20	13	11	1	0	0	0
21	Residence	Non-Participating	409718.61	4879695.70	11	13	19	20	13	11	1	0	0	0
18	Residence	Non-Participating	409704.59	4879800.72	11	13	18	20	13	11	1	0	0	0
79	Residence	Non-Participating	409698.03	4879472.34	11	13	18	20	13	11	1	0	0	0
92	Residence	Non-Participating	409672.39	4879435.55	11	12	18	20	13	11	0	0	0	0
72	Residence	Non-Participating	409649.85	4879770.73	11	12	18	20	13	11	0	0	0	0
100	Residence	Non-Participating	409651.01	4879488.25	11	12	18	19	13	11	0	0	0	0
107	Residence	Non-Participating	409647.75	4879443.77	11	12	18	19	13	11	0	0	0	0
46	Residence	Non-Participating	409612.71	4879507.36	10	12	18	19	13	10	0	0	0	0
9	Residence	Non-Participating	415516.48	4881496.53	10	20	25	19	11	10	0	0	0	0
106	Residence	Non-Participating	415368.14	4881384.02	6	10	15	16	9	6	0	0	0	0
Summary of Maximum and Minimum Sound Levels for Non-Participating Residential Receptors														
8	Residence	Non-Participating	412638.58	4879323.21	32	35	41	36	30	31	26	18	0	0
106	Residence	Non-Participating	415368.14	4881384.02	6	10	15	16	9	6	0	0	0	0