

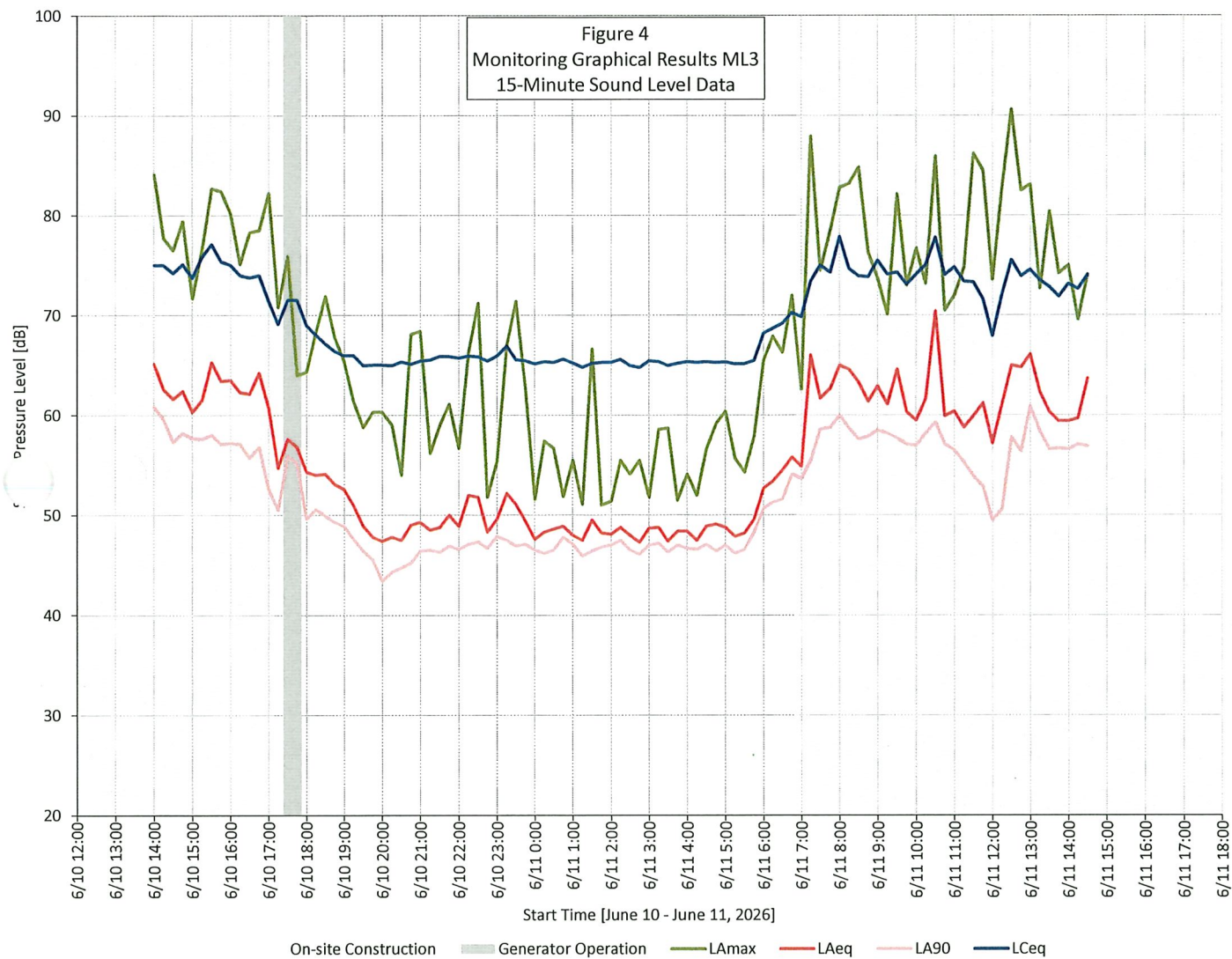


Table 1 - One-Third Octave Band Sound Levels (6.3 Hz to 20,000 Hz)

Table 1 - One-Third Octave Band Sound Levels (6.3 Hz to 20,000 Hz)		One-Third Octave Band Leq Sound Pressure Levels (Unweighted, dB)																																			
Loc.	Start Date/Time	Infrasound					Low Frequency										Mid-High Frequency																				
		6.3	8	10	12.5	16	20	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	10k	12.5k	16k	20k
ML1	6/11/2026 0:00	43	44	47	44	46	46	46	48	50	57	52	53	56	57	52	40	43	44	45	44	43	42	56	48	46	47	52	55	58	43	36	29	15	17	23	19
	6/11/2026 6:00	46	47	49	65	49	50	54	51	54	58	57	55	57	58	54	45	46	47	48	46	46	43	41	40	39	37	37	39	36	33	30	22	19	13	10	9
	6/11/2026 12:00	49	48	49	50	51	51	57	58	59	62	58	59	62	61	57	56	52	51	51	52	52	51	51	49	48	48	47	46	46	48	47	45	41	37	35	31
	6/10/2026 17:30	66	64	62	65	65	57	55	55	61	64	67	65	71	63	58	66	59	54	54	48	47	48	45	42	43	44	40	38	37	35	31	28	25	22	20	17
	6/10/2026 20:00	55	53	52	50	50	50	48	48	51	57	56	52	55	56	52	44	43	40	39	39	39	37	34	34	33	31	30	32	32	29	21	18	18	12	13	12
ML2	6/11/2026 0:00	42	45	48	45	46	46	46	48	49	54	54	48	51	50	47	44	40	39	41	40	38	38	40	36	33	33	40	39	46	34	31	22	15	9	11	9
	6/11/2026 6:00	46	47	50	64	49	50	56	52	56	58	59	52	53	54	49	46	45	47	49	43	42	41	40	39	37	35	33	33	33	41	43	23	31	27	16	14
	6/11/2026 12:00	50	49	49	49	51	50	56	56	58	58	55	53	55	53	51	48	47	45	44	43	41	40	39	37	36	34	32	31	28	28	24	22	21	11	11	9
	6/10/2026 17:30	67	65	61	65	64	57	58	56	61	62	69	65	74	66	55	53	48	50	53	49	49	47	43	41	42	41	36	33	30	30	25	20	15	12	13	12
	6/10/2026 20:00	48	47	47	47	50	51	49	49	51	53	53	49	52	51	49	45	40	39	38	37	36	34	32	32	29	27	26	26	27	25	40	21	18	10	10	9
ML3	6/11/2026 0:00	42	44	48	45	47	47	46	49	50	56	64	51	52	52	49	45	43	41	38	39	38	36	37	35	31	29	32	32	35	24	19	10	8	7	6	6
	6/11/2026 6:00	46	47	51	64	52	52	58	54	59	60	65	56	55	57	55	51	48	48	46	45	45	43	42	40	37	35	34	34	33	31	23	21	17	11	8	4
	6/11/2026 12:00	45	46	50	52	55	53	57	58	56	60	59	58	62	58	56	55	54	50	49	48	48	47	46	47	45	46	43	41	39	38	37	36	30	26	21	15
	6/10/2026 17:30	59	58	56	64	60	54	58	55	60	61	67	61	66	60	54	56	53	55	57	45	46	47	45	42	42	41	37	33	30	27	25	23	18	18	13	10
	6/10/2026 20:00	44	44	46	46	49	51	49	49	50	55	64	50	52	53	50	48	46	45	39	35	34	34	35	34	31	30	30	28	27	26	24	17	13	9	6	4

Note: Generator sound testing is shaded.

8 8 8 5 5 5 5 5

Date	Start Time	Measured L _{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																													
		20	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	10k	12.5k	
6/10/2026	3:15 PM	58	66	72	61	65	68	66	66	61	60	59	54	51	51	51	52	53	52	54	55	49	49	48	45	43	39	36	32	33	
6/10/2026	3:30 PM	58	61	70	62	70	69	65	64	61	59	60	54	50	51	50	52	53	52	54	55	49	49	48	45	43	40	36	30	24	
6/10/2026	3:45 PM	56	62	72	61	66	67	65	66	61	60	57	53	50	49	50	52	53	52	53	56	49	48	49	44	40	37	33	26	21	
6/10/2026	4:00 PM	55	58	63	62	65	67	64	66	59	57	55	51	47	51	50	52	51	50	52	53	47	45	43	41	37	34	29	23	20	
6/10/2026	4:15 PM	55	60	63	64	70	68	64	65	60	59	55	52	49	50	52	52	52	51	52	52	48	47	45	42	39	35	30	26	21	
6/10/2026	4:30 PM	55	58	62	63	69	68	63	64	59	57	54	52	49	49	51	50	50	49	49	53	46	44	43	40	35	32	27	22	18	
6/10/2026	4:45 PM	55	58	61	60	68	68	64	63	60	58	54	51	48	49	51	52	52	51	51	55	49	47	45	42	39	36	32	26	20	
6/10/2026	5:00 PM	53	57	56	58	68	64	60	61	58	55	50	46	45	48	48	48	50	48	48	50	45	44	41	38	35	31	27	27	15	
6/10/2026	5:15 PM	52	53	52	59	61	61	61	61	58	56	54	50	46	43	44	45	45	46	44	44	48	41	38	35	38	34	26	22	18	14
6/10/2026	5:30 PM	57	55	55	61	64	67	65	71	63	58	66	59	54	54	48	47	48	45	42	43	44	40	38	37	35	31	28	25	22	
6/10/2026	5:45 PM	58	56	58	60	63	68	65	72	64	58	66	58	54	54	48	47	48	44	41	42	43	38	36	33	31	26	22	19	17	
6/10/2026	6:00 PM	54	53	54	55	59	62	59	65	59	54	58	52	48	49	45	44	43	40	39	38	37	33	32	35	31	22	22	19	15	
6/10/2026	6:15 PM	53	52	55	54	58	57	53	56	56	54	48	43	42	43	42	43	45	43	39	40	38	34	31	29	25	24	16	13	14	
6/10/2026	6:30 PM	54	54	59	53	58	57	52	56	56	54	48	46	45	44	44	43	45	43	38	39	37	35	31	31	23	24	26	15	16	
6/10/2026	6:45 PM	54	53	52	53	58	57	53	56	56	54	48	46	45	45	44	45	40	38	44	35	31	30	26	24	20	16	14	16	13	
6/10/2026	7:00 PM	52	50	51	53	58	56	52	56	56	53	48	42	41	42	43	44	45	41	39	43	35	31	29	27	25	18	17	15	13	
6/10/2026	7:15 PM	51	49	51	51	57	56	53	55	55	52	45	41	41	41	41	41	43	40	37	37	34	30	29	29	25	18	16	14	10	
6/10/2026	7:30 PM	49	47	49	51	58	56	53	55	56	52	44	42	40	40	40	41	41	38	36	35	33	31	30	30	28	20	16	19	13	
6/10/2026	7:45 PM	48	47	48	51	57	55	53	56	56	52	44	44	41	41	41	38	35	35	34	33	31	31	29	27	21	16	21	12	12	
6/10/2026	8:00 PM	50	48	48	51	57	56	52	55	56	52	44	43	40	39	39	39	37	34	34	33	31	30	32	32	29	21	18	18	12	
6/10/2026	8:15 PM	48	46	47	52	58	57	53	56	56	53	47	44	41	40	41	40	37	35	35	33	30	28	30	34	28	20	18	18	11	
6/10/2026	8:30 PM	48	46	47	51	58	56	54	56	56	53	42	42	39	39	39	40	37	35	35	33	30	28	28	31	29	20	21	20	13	
6/10/2026	8:45 PM	47	45	46	50	57	55	52	56	56	52	43	44	41	42	45	43	40	37	36	36	35	34	34	37	32	24	22	21	14	
6/10/2026	9:00 PM	48	46	48	51	58	53	53	56	57	52	43	43	42	43	44	45	42	40	38	37	36	33	35	37	31	24	23	20	14	
6/10/2026	9:15 PM	48	46	47	50	58	52	54	56	57	52	42	42	42	43	42	43	39	37	36	37	37	35	36	36	28	28	20	17	12	
6/10/2026	9:30 PM	48	47	49	54	59	55	55	57	58	53	44	42	42	43	43	43	39	37	36	38	47	40	37	40	32	31	19	15	14	
6/10/2026	9:45 PM	50	48	49	51	58	54	54	56	57	54	46	47	44	44	44	43	39	39	37	39	50	42	38	38	28	26	22	15	13	
6/10/2026	10:00 PM	49	48	50	54	58	54	54	57	57	53	49	47	44	44	43	43	41	40	39	39	49	43	38	31	27	23	16	13	13	
6/10/2026	10:15 PM	49	49	50	51	58	54	53	57	57	54	47	47	46	45	46	46	46	42	41	41	51	46	46	41	32	28	22	14	13	
6/10/2026	10:30 PM	49	48	50	52	58	53	54	56	57	53	45	46	47	49	47	47	47	43	42	42	52	49	49	43	33	29	26	16	13	
6/10/2026	10:45 PM	47	47	48	50	57	54	54	56	57	53	42	41	42	43	42	42	47	43	42	40	50	50	49	45	33	29	25	14	13	
6/10/2026	11:00 PM	49	50	51	52	58	53	54	57	58	53	45	46	45	45	44	43	47	47	46	42	51	52	51	48	37	32	27	15	12	
6/10/2026	11:15 PM	51	59	60	51	58	58	54	57	58	53	46	49	47	47	48	47	48	45	43	42	48	51	50	52	38	32	26	14	12	
6/10/2026	11:30 PM	45	46	47	49	57	52	53	56	57	52	40	42	48	49	47	46	47	45	43	41	46	51	50	53	39	32	23	13	12	
6/10/2026	11:45 PM	47	47	47	50	58	53	54	56	57	52	43	44	46	46	45	45	45	53	48	45	46	54	55	56	42	35	28	15	13	
6/11/2026	12:00 AM	46	46	48	50	57	52	53	56	57	52	40	43	44	45	44	43	42	56	48	46	47	52	55	58	43	36	29	15	17	
6/11/2026	12:15 AM	45	46	47	50	57	52	54	57	57	53	42	44	45	44	43	43	40	55	46	43	45	50	54	59	43	36	29	14	14	
6/11/2026	12:30 AM	47	46	47	50	57	52	53	56	57	52	43	43	43	44	43	43	40	51	43	41	41	47	52	59	43	35	27	14	13	
6/11/2026	12:45 AM	47	47	47	49	57	53	53	56	57	52	40	42	43	44	44	44	40	43	39	39	38	44	50	59	44	36	25	14	14	
6/11/2026	1:00 AM	46	45	46	49	57	53	53	56	57	52	40	43	44	44	44	44	40	37	38	38	37	40	49	59	45	36	26	16	14	
6/11/2026	1:15 AM	47	47	47	49	57	52	54	56	57	52	40	42	43	44	43	43	38	36	37	37	36	39	48	59	45	36	25	15	14	

Table 2A: Prominent Discrete Tone Assessment - ML1

PDT Thresholds as Defined by ANSI Standard

Date	Start Time	Measured L _{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																												
		15 15 15 15 15 15 15 15 8 8 8 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5																												
		20	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	10k	12.5k
6/11/2026	1:30 AM	50	49	49	50	57	52	54	56	57	52	41	43	46	48	47	45	42	37	36	37	35	37	48	59	45	35	24	15	14
6/11/2026	1:45 AM	47	47	47	49	57	54	54	57	57	52	42	43	44	44	45	44	39	36	37	38	37	38	48	59	45	35	24	15	14
6/11/2026	2:00 AM	47	47	48	50	57	55	54	56	57	52	42	44	45	44	44	44	39	37	36	38	37	38	47	58	44	35	24	15	14
6/11/2026	2:15 AM	47	46	48	49	57	55	55	57	57	53	41	43	44	44	44	44	40	37	36	37	36	37	47	58	44	34	24	15	14
6/11/2026	2:30 AM	45	46	47	49	56	55	54	56	57	52	40	42	43	44	43	44	39	36	36	37	36	38	46	57	43	33	23	14	14
6/11/2026	2:45 AM	46	46	47	49	56	55	54	56	57	53	41	43	44	43	43	43	39	36	35	36	34	36	44	55	41	32	22	13	13
6/11/2026	3:00 AM	49	48	49	51	57	55	54	57	57	53	42	43	45	44	44	43	39	36	36	37	36	37	43	54	41	31	21	13	13
6/11/2026	3:15 AM	48	47	48	49	57	55	54	57	57	54	42	44	46	45	44	44	40	37	36	38	38	42	52	40	30	20	14	13	
6/11/2026	3:30 AM	45	45	46	49	57	55	54	57	57	53	41	43	44	43	43	43	39	36	36	37	36	37	38	47	38	28	19	16	13
6/11/2026	3:45 AM	46	46	47	49	57	55	53	57	57	53	41	43	44	44	43	43	39	37	38	39	36	41	39	46	35	28	17	11	13
6/11/2026	4:00 AM	50	47	48	49	57	56	55	57	57	53	43	45	45	45	44	44	40	37	38	39	37	40	36	42	32	27	17	11	13
6/11/2026	4:15 AM	47	46	47	49	57	56	54	57	57	53	44	45	47	45	44	44	41	37	37	39	38	38	38	44	32	27	18	11	13
6/11/2026	4:30 AM	50	47	48	51	57	55	54	57	58	53	42	45	47	46	45	45	41	37	37	39	38	36	36	41	30	27	17	11	13
6/11/2026	4:45 AM	49	48	50	51	57	56	55	57	57	52	42	45	45	46	45	45	40	37	37	38	37	35	34	38	30	27	16	10	12
6/11/2026	5:00 AM	50	48	50	51	58	56	55	57	58	53	45	45	46	46	46	45	41	38	38	38	36	35	34	35	32	28	16	11	12
6/11/2026	5:15 AM	50	47	49	50	58	55	55	57	58	53	42	44	45	44	44	44	40	37	37	37	35	34	33	31	31	27	16	10	12
6/11/2026	5:30 AM	48	47	50	51	58	55	54	57	58	53	42	43	44	44	44	44	40	38	36	36	35	33	32	30	30	27	16	10	11
6/11/2026	5:45 AM	49	48	50	51	58	55	54	57	58	52	43	45	46	46	45	45	42	39	39	39	37	36	39	35	33	32	20	16	12
6/11/2026	6:00 AM	50	54	51	54	58	57	55	57	58	54	45	46	47	48	46	46	43	41	40	39	37	37	39	36	33	30	22	19	13
6/11/2026	6:15 AM	51	54	53	56	58	56	58	58	58	55	47	46	48	48	46	46	43	41	39	38	36	35	36	35	29	24	17	11	7
6/11/2026	6:30 AM	51	56	59	58	66	61	58	60	59	55	47	47	48	49	47	47	47	44	45	43	41	39	39	34	30	26	20	15	11
6/11/2026	6:45 AM	51	57	62	58	70	62	59	62	59	55	50	48	48	48	47	48	48	46	46	45	43	42	41	38	35	33	37	28	21
6/11/2026	7:00 AM	51	56	62	58	70	63	59	63	58	55	50	47	47	48	47	48	48	46	46	46	42	40	37	35	30	27	21	14	10
6/11/2026	7:15 AM	50	55	62	60	70	64	59	63	58	56	51	47	48	48	47	51	49	46	46	45	43	43	40	38	33	29	23	15	10
6/11/2026	7:30 AM	53	57	64	63	69	65	65	63	60	57	53	50	49	50	51	51	49	51	51	50	47	44	44	42	43	31	22	15	
6/11/2026	7:45 AM	55	57	63	63	64	65	61	60	60	56	52	49	49	49	49	49	48	47	48	46	44	42	40	38	35	26	18	17	
6/11/2026	8:00 AM	55	57	62	64	69	66	65	66	60	57	52	50	50	50	49	49	49	48	50	52	45	43	42	39	37	38	33	21	14
6/11/2026	8:15 AM	55	56	62	64	65	66	65	67	60	56	51	49	49	49	48	49	49	48	49	51	46	44	42	40	37	33	29	23	12
6/11/2026	8:30 AM	55	56	63	64	63	66	63	62	59	56	51	49	47	47	46	45	45	44	46	48	42	43	41	39	36	35	30	24	18
6/11/2026	8:45 AM	55	57	62	63	70	66	65	64	59	56	52	49	47	47	47	49	49	48	50	52	47	45	44	43	43	42	39	32	25
6/11/2026	9:00 AM	56	62	63	62	70	65	65	65	61	56	54	49	47	48	48	48	49	47	49	49	46	44	42	40	39	42	39	30	25
6/11/2026	9:15 AM	53	61	65	63	72	64	64	63	60	56	53	48	46	48	47	48	49	47	48	49	45	43	42	39	37	36	35	29	22
6/11/2026	9:30 AM	53	63	65	62	70	65	64	64	60	56	53	47	47	48	47	48	48	47	48	50	44	43	41	39	36	35	31	24	18
6/11/2026	9:45 AM	52	61	64	62	70	66	61	64	60	57	54	50	47	48	47	47	47	46	46	49	44	42	41	38	37	34	31	25	18
6/11/2026	10:00 AM	53	58	61	62	70	66	62	64	60	56	53	48	47	48	48	48	49	48	49	49	48	46	44	42	44	42	42	37	29
6/11/2026	10:15 AM	58	60	61	64	70	65	64	64	60	57	54	51	48	50	51	52	53	51	53	54	49	48	46	44	42	40	37	31	25
6/11/2026	10:30 AM	57	63	63	64	65	66	62	64	62	57	55	52	51	51	51	51	51	51	52	52	50	48	46	45	43	40	35	31	
6/11/2026	10:45 AM	54	60	62	63	66	65	63	64	60	56	53	49	48	49	49	50	51	50	51	53	49	49	47	45	44	43	40	33	27
6/11/2026	11:00 AM	54	58	62	63	69	65	63	65	60	57	53	52	51	51	51	50	51	50	51	52	48	47	47	45	46	43	40	34	27
6/11/2026	11:15 AM	50	60	69	63	65	73	63	66	82	68	67	73	67	68	68	67	68	67	67	64	61	60	54	53	50	47	44		
6/11/2026	11:30 AM	54	58	61	63	68	66	64	64	66	62	55	55	58	55	61	59	58	57	57	58	57	58	57	56	56	55	52	49	46

Note: Gray values are PDTs as defined by ANSI S12.9-2021/Part 4 Annex C

Table 2A: Prominent Discrete Tone Assessment - ML1

		PDT Thresholds as Defined by ANSI Standard																							
		15	15	15	15	15	15	15	15	15	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5
Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																							
		20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
6/11/2026	11:45 AM	53	59	57	59	65	61	60	63	60	56	54	49	49	50	50	49	48	47	47	48	44	42	41	39
6/11/2026	12:00 PM	51	57	58	59	62	58	59	62	61	57	56	52	51	51	52	52	51	51	49	48	48	47	46	46
6/11/2026	12:15 PM	57	53	61	59	61	60	57	61	59	57	52	52	48	51	59	60	53	51	54	53	53	52	51	48
6/11/2026	12:30 PM	52	55	62	60	64	61	61	62	58	56	51	51	48	48	47	48	48	48	48	48	49	49	48	45
6/11/2026	12:45 PM	55	57	60	59	67	61	63	64	59	57	52	52	49	49	49	49	50	51	51	52	51	49	47	46
6/11/2026	1:00 PM	55	60	61	62	72	64	67	66	60	59	51	49	49	50	51	51	52	51	52	53	49	49	48	47
6/11/2026	1:15 PM	54	59	61	62	65	65	66	66	61	59	54	52	49	50	50	51	52	52	52	52	51	50	47	46
6/11/2026	1:30 PM	55	59	62	61	66	67	66	64	60	57	54	52	50	50	49	50	50	50	50	51	49	47	46	45
6/11/2026	1:45 PM	55	62	63	64	72	66	63	62	59	57	53	50	49	49	49	50	50	50	50	51	50	47	46	45
6/11/2026	2:00 PM	56	60	63	63	66	67	64	63	61	58	54	53	50	49	48	49	50	50	50	50	48	45	43	41
6/11/2026	2:15 PM	56	59	63	63	65	67	64	64	59	56	51	47	46	47	48	48	50	49	48	48	45	43	41	39
6/11/2026	2:30 PM	57	60	63	63	69	68	65	65	62	59	55	54	49	51	52	52	53	53	53	54	49	47	46	44
6/11/2026	2:45 PM	56	62	63	61	64	67	64	64	58	56	52	49	47	48	48	49	50	49	49	49	47	46	43	41
6/11/2026	3:00 PM	56	61	63	63	67	67	64	65	61	58	54	52	48	48	50	50	52	53	53	53	51	50	49	48
6/11/2026	3:15 PM	55	59	62	62	67	67	65	64	59	57	53	50	48	49	51	51	52	52	52	53	49	48	47	46

Note: Gray values are PDTs as defined by ANSI S12.9-2021/Part 4 Annex C

Table 2B: Prominent Discrete Tone Assessment - ML2

		PDT Thresholds as Defined by ANSI Standard																							
		15	15	15	15	15	15	15	15	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5
Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																							
		20	25	31.5	40	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000
6/10/2026	2:30 PM	55	60	76	62	72	67	61	61	54	53	51	50	48	49	51	50	50	50	49	48	47	46	45	43
6/10/2026	2:45 PM	57	67	72	64	72	68	62	61	55	54	52	50	50	47	48	48	49	48	50	49	45	44	42	39
6/10/2026	3:00 PM	57	67	71	64	73	67	61	60	54	52	48	46	46	46	46	46	47	46	47	47	43	42	40	38
6/10/2026	3:15 PM	57	68	75	65	74	67	62	62	54	52	50	48	47	47	46	47	47	46	48	46	44	43	46	39
6/10/2026	3:30 PM	57	64	74	63	71	68	64	62	54	52	49	48	48	48	47	47	48	47	49	52	44	44	49	39
6/10/2026	3:45 PM	57	64	73	62	72	63	62	62	55	52	50	48	48	48	48	47	48	47	50	50	44	43	43	38
6/10/2026	4:00 PM	57	61	64	63	73	67	61	63	56	55	52	50	49	49	50	49	50	49	49	49	46	44	43	40
6/10/2026	4:15 PM	55	60	63	63	73	68	62	62	56	55	52	50	49	49	49	48	49	48	49	50	46	43	41	39
6/10/2026	4:30 PM	55	59	62	64	73	68	60	60	55	54	51	50	49	49	49	48	49	48	48	50	45	44	43	38
6/10/2026	4:45 PM	56	59	62	62	72	68	65	60	56	56	54	50	50	50	51	51	51	51	51	52	48	46	44	41
6/10/2026	5:00 PM	54	59	57	59	72	63	63	61	52	51	47	43	44	46	48	47	48	47	48	49	45	44	42	38
6/10/2026	5:15 PM	52	55	54	57	59	62	63	58	52	49	45	43	44	44	43	43	43	41	42	43	39	38	35	37
6/10/2026	5:30 PM	57	58	56	61	62	69	65	74	66	55	53	48	50	53	49	49	47	43	41	42	41	36	33	30
6/10/2026	5:45 PM	56	58	60	61	63	70	66	75	65	55	52	47	49	53	49	48	47	42	40	42	40	35	32	29
6/10/2026	6:00 PM	54	56	55	57	59	63	60	67	58	51	48	46	47	48	43	43	42	39	39	38	36	31	29	28
6/10/2026	6:15 PM	52	55	57	55	57	57	53	53	52	50	48	43	44	44	40	39	40	39	38	39	37	33	28	25
6/10/2026	6:30 PM	53	58	63	52	55	55	50	53	52	51	48	46	44	43	42	41	41	39	37	39	36	32	29	26
6/10/2026	6:45 PM	52	53	52	54	55	55	50	53	53	52	49	46	45	44	42	40	40	38	38	45	34	29	27	23
6/10/2026	7:00 PM	49	49	52	54	53	54	48	52	51	48	48	41	41	42	41	40	40	38	38	40	34	30	27	25
6/10/2026	7:15 PM	50	48	52	52	53	53	48	52	51	48	46	40	39	39	38	37	37	36	36	35	33	29	27	25
6/10/2026	7:30 PM	51	48	50	51	53	52	49	52	51	48	45	41	40	39	38	36	35	34	33	32	30	28	27	24
6/10/2026	7:45 PM	49	48	50	51	53	53	50	53	52	49	45	43	42	40	38	36	35	33	33	30	28	28	27	26
6/10/2026	8:00 PM	51	49	49	51	53	53	49	52	51	49	45	40	39	38	37	36	34	32	32	29	27	26	26	27
6/10/2026	8:15 PM	48	47	48	51	53	54	49	52	51	49	46	41	39	39	39	37	35	33	33	30	28	27	27	28
6/10/2026	8:30 PM	49	48	49	51	53	54	51	52	51	48	45	39	37	38	38	36	34	33	34	29	28	26	26	28
6/10/2026	8:45 PM	48	46	48	50	53	53	48	52	51	48	45	41	41	41	43	39	37	35	35	32	31	30	29	30
6/10/2026	9:00 PM	49	48	50	51	54	53	49	51	50	47	45	41	40	41	41	39	38	36	36	31	29	28	29	30
6/10/2026	9:15 PM	48	47	49	50	54	53	49	51	50	47	45	41	41	41	40	38	36	35	35	31	30	30	30	27
6/10/2026	9:30 PM	48	48	50	54	57	55	50	51	51	47	45	41	40	41	41	38	36	35	35	31	31	31	31	29
6/10/2026	9:45 PM	50	49	50	51	54	54	50	52	52	49	46	45	43	43	43	40	38	37	36	33	35	35	31	29
6/10/2026	10:00 PM	50	49	50	51	54	54	50	52	52	49	47	44	43	42	41	39	37	36	35	31	32	34	33	32
6/10/2026	10:15 PM	50	50	51	51	54	54	50	52	53	52	49	47	46	46	47	45	43	40	40	37	35	38	37	36
6/10/2026	10:30 PM	50	49	51	51	54	54	50	52	52	49	46	44	46	46	45	44	42	39	37	34	35	41	40	37
6/10/2026	10:45 PM	47	47	48	50	54	54	50	52	51	47	45	40	39	40	39	37	41	38	37	34	35	42	41	39
6/10/2026	11:00 PM	51	51	51	52	55	55	50	52	52	50	47	44	43	43	41	39	42	39	37	34	36	42	42	40
6/10/2026	11:15 PM	53	58	55	50	55	56	50	51	51	49	46	45	44	45	44	43	43	41	39	35	36	42	41	42
6/10/2026	11:30 PM	46	46	48	48	54	54	49	50	50	47	44	40	40	42	41	41	42	39	37	34	36	42	41	44
6/10/2026	11:45 PM	46	47	48	49	54	55	49	51	50	48	45	41	42	44	42	40	41	38	37	34	35	42	41	45
6/11/2026	12:00 AM	46	46	48	49	54	54	48	51	50	47	44	40	39	41	40	38	38	40	36	33	33	40	39	46
6/11/2026	12:15 AM	46	45	47	49	54	54	49	51	50	48	45	41	40	41	39	36	36	39	34	33	30	36	37	46
6/11/2026	12:30 AM	47	46	48	49	54	54	49	50	50	48	45	41	40	41	40	38	36	37	34	32	29	35	37	47

Note: Gray values are PDTs as defined by ANSI S12.9-2021/Part 4 Annex C

Table 2B: Prominent Discrete Tone Assessment - ML2

PDT Thresholds as Defined by ANSI Standard																															
		15	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	5	5	5
Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																													
		20	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	10k	12.5k	
6/11/2026	12:45 AM	47	46	48	48	54	55	48	51	51	47	44	40	39	41	41	39	37	37	36	33	30	34	37	47	34	31	20	14	10	
6/11/2026	1:00 AM	47	45	47	48	53	54	48	50	50	48	44	40	39	40	40	37	36	35	35	31	29	32	38	47	34	30	21	14	9	
6/11/2026	1:15 AM	47	46	48	48	54	54	48	50	50	47	44	39	39	40	39	37	36	34	34	30	28	31	37	47	33	31	20	13	9	
6/11/2026	1:30 AM	50	49	50	50	54	54	48	50	51	48	44	40	42	43	42	40	37	35	34	31	28	30	36	46	34	33	21	13	9	
6/11/2026	1:45 AM	47	47	49	49	54	55	48	51	51	48	44	40	40	42	41	38	36	35	34	31	28	30	36	46	34	33	21	13	9	
6/11/2026	2:00 AM	48	47	49	49	53	55	48	51	52	48	45	39	39	41	40	39	37	35	35	31	29	30	36	45	33	31	20	12	8	
6/11/2026	2:15 AM	47	46	49	48	53	55	49	52	52	48	45	39	39	41	40	39	36	36	35	31	29	30	34	43	31	30	20	11	8	
6/11/2026	2:30 AM	45	46	48	48	53	54	47	51	52	48	44	39	38	40	40	38	36	36	35	31	29	29	33	42	31	30	19	11	8	
6/11/2026	2:45 AM	45	46	48	48	53	55	49	51	51	48	44	39	39	41	40	39	36	36	35	31	29	29	32	41	31	30	20	11	8	
6/11/2026	3:00 AM	48	48	49	50	53	55	49	52	52	48	45	39	39	41	41	39	36	35	34	30	28	29	31	39	30	31	19	11	8	
6/11/2026	3:15 AM	47	47	49	49	54	55	49	52	52	49	45	40	40	41	41	39	37	35	35	30	29	29	30	35	28	33	19	10	9	
6/11/2026	3:30 AM	45	45	47	48	53	54	49	52	52	48	45	39	39	41	40	39	36	35	35	30	29	29	29	33	29	30	17	10	8	
6/11/2026	3:45 AM	46	46	47	48	54	54	47	51	52	48	45	39	39	41	40	38	36	36	35	31	29	30	29	32	30	27	17	10	7	
6/11/2026	4:00 AM	49	47	48	49	54	55	49	52	52	48	45	39	39	41	40	39	37	35	35	31	29	30	28	29	27	26	17	10	7	
6/11/2026	4:15 AM	47	46	47	48	53	55	50	52	52	48	45	39	39	41	40	38	37	35	35	31	29	29	28	30	26	27	17	10	7	
6/11/2026	4:30 AM	49	47	50	50	54	55	49	52	53	49	45	39	39	41	41	40	37	35	34	30	29	30	28	29	29	27	17	9	7	
6/11/2026	4:45 AM	49	48	50	50	54	55	50	52	52	48	45	40	40	41	41	40	37	35	33	30	28	27	26	26	29	27	17	8	7	
6/11/2026	5:00 AM	50	48	49	50	54	55	50	52	52	49	45	39	40	41	41	40	38	35	34	30	28	27	26	26	28	27	17	8	7	
6/11/2026	5:15 AM	50	48	48	49	54	55	50	52	52	48	45	38	38	40	39	38	37	35	34	30	28	27	25	24	27	26	17	8	7	
6/11/2026	5:30 AM	48	47	50	50	54	55	49	51	52	48	45	38	38	39	39	38	37	35	34	30	28	27	27	23	27	29	16	17	13	
6/11/2026	5:45 AM	49	49	51	51	56	56	51	52	52	48	45	41	41	43	41	40	39	37	36	33	31	31	31	31	44	45	23	34	30	
6/11/2026	6:00 AM	50	56	52	56	58	59	52	53	54	49	46	45	47	49	43	42	41	40	39	37	35	33	33	33	41	43	23	31	27	
6/11/2026	6:15 AM	51	56	53	56	58	59	54	54	54	50	46	44	45	46	44	42	40	40	38	35	33	33	33	31	29	25	17	10	7	
6/11/2026	6:30 AM	51	60	58	57	62	61	56	56	54	50	47	44	43	45	44	44	44	44	44	40	39	36	35	32	31	28	22	14	9	
6/11/2026	6:45 AM	53	62	62	58	65	62	57	58	55	50	48	45	45	45	44	44	45	44	45	42	40	38	37	34	30	28	22	15	10	
6/11/2026	7:00 AM	51	61	61	58	64	63	56	57	54	50	48	43	44	45	44	44	44	44	45	41	39	38	36	33	30	27	21	14	9	
6/11/2026	7:15 AM	51	61	62	59	65	65	58	58	54	50	48	45	45	46	45	46	45	45	45	42	41	42	40	40	34	34	25	17	14	
6/11/2026	7:30 AM	53	60	64	64	66	69	67	59	56	53	51	49	48	48	47	48	47	47	48	47	43	42	41	39	39	43	34	22	18	
6/11/2026	7:45 AM	55	58	62	65	62	65	62	56	54	52	50	47	47	48	45	45	44	43	44	43	41	39	37	35	34	31	24	19	13	
6/11/2026	8:00 AM	56	60	61	64	64	65	62	63	55	53	51	49	49	48	45	45	45	44	45	48	42	40	40	37	36	36	31	23	17	
6/11/2026	8:15 AM	56	57	61	64	63	65	62	64	54	52	50	47	47	47	45	44	45	44	45	48	42	41	39	37	35	32	35	30	16	
6/11/2026	8:30 AM	57	58	63	64	62	64	61	57	54	52	50	47	46	46	43	42	41	39	41	40	38	37	36	34	32	31	26	22	15	
6/11/2026	8:45 AM	56	60	61	65	65	66	65	60	54	52	51	48	47	47	46	46	46	45	47	47	43	42	40	37	38	35	35	23	16	
6/11/2026	9:00 AM	57	62	63	63	65	66	63	61	55	52	50	47	46	47	45	45	46	44	45	45	43	41	40	38	37	40	37	25	18	
6/11/2026	9:15 AM	53	61	65	63	66	63	64	60	54	51	48	44	44	46	44	45	46	45	46	45	43	41	39	37	36	36	31	23	18	
6/11/2026	9:30 AM	54	60	64	62	70	63	62	62	54	52	49	46	46	46	44	44	46	44	45	46	42	40	38	36	35	36	32	23	16	
6/11/2026	9:45 AM	52	58	62	63	70	64	60	60	55	52	55	48	47	47	45	44	45	43	44	46	40	38	37	34	35	33	27	23	15	
6/11/2026	10:00 AM	53	60	63	63	64	65	61	61	55	52	49	45	45	46	45	44	46	45	45	44	42	40	39	36	34	30	28	22	14	
6/11/2026	10:15 AM	60	62	64	66	68	64	65	61	58	53	52	49	49	49	49	49	50	49	51	50	46	44	43	42	40	37	34	28	22	
6/11/2026	10:30 AM	60	65	64	65	71	65	62	61	60	54	54	53	53	51	50	49	49	49	51	49	48	46	45	45	43	40	38	34	28	
6/11/2026	10:45 AM	54	60	63	64	71	64	63	62	55	52	49	46	46	46	45	45	46	45	46	46	42	41	39	36	34	32	29	22	15	

Note: Gray values are PDTs as defined by ANSI S12.9-2021/Part 4 Annex C

Table 2B: Prominent Discrete Tone Assessment - ML2

		PDT Thresholds as Defined by ANSI Standard																													
		15	15	15	15	15	15	15	15	15	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																													
		20	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	10k	12.5k	
6/11/2026	11:00 AM	55	61	63	63	68	66	63	63	56	54	52	51	49	48	48	47	47	46	47	49	43	41	40	37	36	31	32	22	15	
6/11/2026	11:15 AM	55	61	63	64	73	64	61	61	62	54	51	50	49	49	49	49	48	46	46	44	42	40	39	36	36	33	29	23	15	
6/11/2026	11:30 AM	54	60	62	64	70	65	61	60	62	52	49	45	44	45	45	45	46	45	46	48	42	41	39	37	35	31	27	21	14	
6/11/2026	11:45 AM	54	60	59	60	70	60	58	57	56	51	48	43	44	43	43	43	44	42	43	38	37	35	34	30	25	21	21	10		
6/11/2026	12:00 PM	50	56	56	58	58	55	53	55	53	51	48	47	45	44	43	41	40	39	37	36	34	32	31	28	28	24	22	21	11	
6/11/2026	12:15 PM	56	54	58	59	58	61	55	56	56	52	48	46	43	43	43	43	41	38	40	37	36	34	32	30	28	25	22	19	11	
6/11/2026	12:30 PM	53	55	58	60	66	60	59	57	54	52	49	47	45	43	42	41	40	39	38	37	36	34	32	31	28	24	19	11		
6/11/2026	12:45 PM	56	59	59	59	64	59	60	59	54	53	50	49	46	46	45	45	45	44	44	45	41	39	37	36	35	35	28	20	14	
6/11/2026	1:00 PM	55	61	60	61	70	62	62	63	54	53	49	48	47	47	47	46	48	47	48	49	45	45	42	39	37	35	33	28	19	
6/11/2026	1:15 PM	55	61	62	63	73	63	61	60	55	53	50	48	47	47	47	47	46	47	46	46	45	44	42	40	39	36	33	29	25	16
6/11/2026	1:30 PM	55	61	66	63	72	67	64	59	54	53	49	46	46	46	46	46	46	45	46	48	42	41	39	36	36	33	29	23	15	
6/11/2026	1:45 PM	56	64	65	65	69	67	61	61	54	54	51	49	49	48	47	47	47	47	47	48	43	41	40	37	37	34	32	25	16	
6/11/2026	2:00 PM	56	63	67	65	73	66	61	59	55	55	52	50	49	48	48	47	47	47	46	46	47	44	42	41	38	39	35	31	24	15
6/11/2026	2:15 PM	56	62	66	65	73	65	60	59	53	52	48	45	45	45	45	44	44	46	45	45	44	42	40	39	35	37	33	28	22	15
6/11/2026	2:30 PM	58	63	66	65	69	68	65	62	57	57	54	53	51	51	52	52	53	52	51	52	49	47	45	43	41	38	35	31	25	
6/11/2026	2:45 PM	56	61	65	63	73	66	60	59	53	52	49	47	46	46	45	45	45	46	45	45	44	42	40	39	34	37	33	28	22	15

Note: Gray values are PDTs as defined by ANSI S12.9-2021/Part 4 Annex C

PDT Thresholds as Defined by ANSI Standard																														
		15	15	15	15	15	15	15	15	15	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																												
		20	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	10k	12.5k
6/10/2026	2:00 PM	57	62	63	63	66	71	68	63	62	62	60	59	58	58	56	54	53	54	55	55	52	56	49	47	45	43	38	35	32
6/10/2026	2:15 PM	56	63	71	62	65	69	68	67	60	59	58	58	56	55	54	51	50	52	53	53	51	52	46	44	42	39	36	32	27
6/10/2026	2:30 PM	56	62	68	62	65	69	67	66	60	58	58	57	55	55	53	50	49	50	52	52	49	49	46	44	41	38	36	33	28
6/10/2026	2:45 PM	57	64	67	63	66	70	67	66	62	61	60	59	57	54	53	51	50	50	55	50	49	49	45	46	42	40	38	35	30
6/10/2026	3:00 PM	57	62	64	62	67	69	68	64	60	58	57	56	54	52	51	49	49	48	52	49	47	49	45	42	41	38	36	33	28
6/10/2026	3:15 PM	57	65	68	66	68	70	70	68	61	59	58	57	55	54	52	51	50	49	53	49	48	50	46	42	39	37	34	32	31
6/10/2026	3:30 PM	57	62	66	63	67	71	73	69	62	61	59	59	58	57	55	54	54	52	53	53	51	59	51	46	44	41	38	35	30
6/10/2026	3:45 PM	57	62	65	62	70	69	68	68	61	60	59	58	57	55	52	51	52	50	52	51	49	57	50	43	41	38	35	32	28
6/10/2026	4:00 PM	56	61	61	63	69	68	67	68	62	62	61	61	58	56	53	51	53	54	54	53	50	49	47	45	42	39	37	33	28
6/10/2026	4:15 PM	57	62	60	63	65	68	66	66	62	61	61	60	57	55	52	50	51	52	53	51	49	48	46	43	40	37	34	30	26
6/10/2026	4:30 PM	55	60	60	63	65	70	65	64	61	60	60	59	56	54	53	51	53	52	52	52	49	46	45	42	39	36	32	30	25
6/10/2026	4:45 PM	56	61	60	62	65	69	66	64	62	62	61	60	58	57	54	52	54	56	55	54	51	49	48	45	43	40	37	33	29
6/10/2026	5:00 PM	54	58	56	58	63	67	62	64	57	55	55	52	50	51	55	56	52	48	51	49	47	44	41	37	35	31	29	27	19
6/10/2026	5:15 PM	52	56	54	58	61	67	60	56	55	53	53	50	48	45	43	44	45	44	45	47	40	37	35	36	32	29	26	20	17
6/10/2026	5:30 PM	54	58	55	60	61	67	61	66	60	54	56	53	55	57	45	46	47	45	42	42	41	37	33	30	27	25	23	18	18
6/10/2026	5:45 PM	54	59	57	60	61	67	61	66	60	54	57	53	54	55															

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Table 2C: Prominent Discrete Tone Assessment - ML3

PDT Thresholds as Defined by ANSI Standard																															
		15	15	15	15	15	15	15	15	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																													
		20	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	10k	12.5k	
6/11/2026	12:15 AM	46	46	48	50	56	64	52	52	52	52	47	45	44	39	38	37	35	36	35	32	29	32	31	36	25	19	12	9	7	
6/11/2026	12:30 AM	48	46	49	50	56	64	52	52	52	51	48	46	44	41	40	39	37	36	35	32	29	31	31	37	26	19	12	9	7	
6/11/2026	12:45 AM	48	47	48	49	56	65	51	51	52	49	47	45	44	39	40	39	37	37	36	33	32	33	33	39	28	20	12	9	7	
6/11/2026	1:00 AM	47	45	47	48	55	65	52	51	51	50	44	43	41	37	38	38	36	37	37	33	31	31	32	38	27	19	10	7	7	
6/11/2026	1:15 AM	47	46	49	49	56	64	51	51	51	49	46	44	43	39	38	37	35	35	35	31	29	30	30	37	26	19	12	9	7	
6/11/2026	1:30 AM	50	49	50	50	56	64	52	51	51	50	47	45	44	43	44	44	39	36	35	32	30	29	30	36	26	19	12	9	7	
6/11/2026	1:45 AM	47	47	50	49	56	65	51	52	52	49	46	45	43	40	41	40	36	36	35	32	29	30	30	37	26	19	12	9	7	
6/11/2026	2:00 AM	48	48	50	49	55	65	52	51	52	49	45	45	43	39	41	39	36	37	37	33	29	30	29	35	25	18	11	8	7	
6/11/2026	2:15 AM	47	47	49	49	55	65	54	53	53	50	47	46	44	40	40	39	37	38	38	34	30	30	30	35	25	19	13	9	7	
6/11/2026	2:30 AM	46	46	49	49	55	64	52	51	52	49	46	45	43	39	40	40	37	37	36	32	29	29	29	34	25	18	12	9	7	
6/11/2026	2:45 AM	46	47	49	49	55	64	52	51	51	47	44	43	41	39	41	40	36	36	35	31	27	28	27	33	23	17	9	7	7	
6/11/2026	3:00 AM	49	49	50	51	56	64	53	53	52	50	47	46	44	40	43	40	37	37	36	32	29	29	28	31	24	19	12	9	7	
6/11/2026	3:15 AM	47	47	49	49	56	64	52	52	52	51	48	46	44	42	43	41	36	37	36	33	29	29	28	28	23	18	12	9	7	
6/11/2026	3:30 AM	45	46	48	49	55	64	53	53	52	47	45	44	41	39	41	39	36	36	36	32	28	28	26	27	22	16	9	7	7	
6/11/2026	3:45 AM	47	46	49	49	56	64	51	52	53	51	47	46	44	39	40	39	37	38	37	34	30	30	30	35	25	18	12	9	7	
6/11/2026	4:00 AM	50	48	49	49	56	64	53	52	52	50	47	46	44	41	42	40	37	37	36	33	30	29	27	25	23	17	12	9	7	
6/11/2026	4:15 AM	48	47	48	49	56	65	52	52	52	48	45	44	42	41	41	39	36	37	35	32	29	28	26	24	20	15	9	7	7	
6/11/2026	4:30 AM	50	48	50	51	56	64	52	53	53	52	47	45	44	42	43	41	37	37	37	35	32	30	29	27	25	22	17	12	9	7
6/11/2026	4:45 AM	50	49	51	51	56	64	53	53	53	51	47	45	44	43	44	42	38	37	35	31	29	28	26	24	21	16	11	9	7	
6/11/2026	5:00 AM	51	49	51	51	57	64	54	53	53	51	47	44	42	42	44	42	38	37	35	32	28	27	24	22	19	14	8	7	7	
6/11/2026	5:15 AM	51	49	50	51	56	64	54	53	52	49	48	45	43	41	41	39	37	37	35	31	29	28	26	23	21	16	11	9	7	
6/11/2026	5:30 AM	49	49	51	51	56	64	53	53	53	51	47	44	43	41	41	40	37	37	35	32	29	28	26	25	22	16	13	10	8	
6/11/2026	5:45 AM	50	51	52	53	57	64	54	54	53	50	47	44	43	42	43	42	40	40	38	34	32	32	32	31	29	19	20	17	10	
6/11/2026	6:00 AM	52	58	54	59	60	65	56	55	57	55	51	48	48	46	45	45	43	42	40	37	35	34	34	33	31	23	21	17	11	
6/11/2026	6:15 AM	53	58	56	61	60	66	58	56	55	53	51	48	47	47	46	47	45	44	42	38	35	34	33	30	28	26	24	22	18	
6/11/2026	6:30 AM	53	60	58	60	62	66	59	58	55	53	51	49	48	47	47	46	45	45	46	42	40	36	35	32	29	27	24	21	20	
6/11/2026	6:45 AM	56	61	61	61	64	67	59	60	56	53	53	50	49	48	48	46	46	47	44	42	40	37	35	32	31	28	24	21		
6/11/2026	7:00 AM	53	59	58	60	64	67	59	59	55	53	53	49	48	47	45	45	44	45	46	44	42	40	37	35	31	28	21	16	11	
6/11/2026	7:15 AM	54	60	62	62	69	68	61	62	58	57	58	56	58	54	51	50	48	49	51	48	47	63	52	42	41	36	33	31	26	
6/11/2026	7:30 AM	55	61	64	67	68	69	69	63	63	60	59	58	58	55	52	50	49	50	52	51	49	48	46	44	42	39	36	31	26	
6/11/2026	7:45 AM	57	60	65	69	65	70	65	62	63	57	57	55	57	55	51	51	49	49	51	49	48	57	48	44	42	39	36	33	29	
6/11/2026	8:00 AM	58	60	63	68	66	69	70	75	64	59	61	57	59	58	55	56	54	52	55	55	51	52	48	46	44	43	37	35	32	
6/11/2026	8:15 AM	58	59	63	66	67	68	68	67	64	58	58	56	57	55	51	51	49	49	54	57	50	58	49	45	43	39	37	34	29	
6/11/2026	8:30 AM	59	59	64	66	65	68	66	64	63	60	60	58	59	55	52	50	49	49	55	56	50	49	47	45	43	40	37	34	29	
6/11/2026	8:45 AM	59	61	64	67	64	68	68	64	62	59	59	56	55	54	51	50	48	48	52	52	50	48	46	44	42	40	37	33	28	
6/11/2026	9:00 AM	59	62	66	65	66	71	68	65	63	60	64	56	57	53	51	49	49	53	52	51	49	47	45	44	41	40	36	32		
6/11/2026	9:15 AM	56	62	68	67	65	69	67	64	62	58	57	56	56	54	51	49	47	47	49	51	50	49	47	45	44	42	39	37	32	
6/11/2026	9:30 AM	56	62	66	64	65	67	68	66	61	60	58	56	59	54	52	50	49	49	50	52	51	60	51	46	45	43	40	37	33	
6/11/2026	9:45 AM	54	60	62	65	66	67	66	65	61	57	56	54	52	51	49	48	47	46	54	50	49	47	45	43	42	39	36	33	29	
6/11/2026	10:00 AM	55	60	62	67	69	68	67	65	61	56	55	52	51	50	48	47	47	47	49	49	50	48	45	43	42	39	37	34	29	
6/11/2026	10:15 AM	57	61	64	69	70	68	67	65	64	58	59	58	57	54	51	50	50	49	51	52	50	48	46	45	43	40	37	33	28	

Note: Gray values are PDTs as defined by ANSI S12.9-2021/Part 4 Annex C

Table 2C: Prominent Discrete Tone Assessment - ML3

		PDT Thresholds as Defined by ANSI Standard																													
		15	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	5		
Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by 1/3 Octave Band Center Frequency (Hz)																													
		20	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	10k	12.5k	
6/11/2026	10:30 AM	63	66	66	68	69	70	67	66	67	63	66	67	66	63	61	59	59	59	63	58	57	55	54	54	53	51	49	45	42	
6/11/2026	10:45 AM	55	61	63	68	68	68	66	65	61	56	56	53	51	49	47	47	47	48	50	50	50	48	45	43	43	41	38	33	27	
6/11/2026	11:00 AM	56	61	63	67	69	70	66	67	61	57	56	54	53	51	49	48	48	48	51	51	49	47	45	43	42	40	37	33	28	
6/11/2026	11:15 AM	56	60	61	67	68	67	65	64	60	58	55	54	51	50	49	50	48	47	48	47	47	46	43	41	40	38	34	26	19	
6/11/2026	11:30 AM	55	60	60	67	69	66	65	64	59	56	54	51	50	49	47	47	47	47	49	50	50	49	49	46	45	42	39	34	29	
6/11/2026	11:45 AM	56	60	61	62	68	64	62	62	60	56	55	55	53	51	49	48	46	49	58	48	46	46	44	44	42	39	35	30	29	
6/11/2026	12:00 PM	53	57	58	56	60	59	58	62	58	56	55	54	50	49	48	48	47	46	47	45	46	43	41	39	38	37	36	30	26	
6/11/2026	12:15 PM	58	56	64	62	64	66	63	64	61	59	57	56	57	53	49	46	45	45	47	47	46	46	56	47	42	42	40	38	33	28
6/11/2026	12:30 PM	54	57	63	63	73	66	67	66	63	61	62	60	60	58	53	53	52	53	53	53	51	58	50	47	46	44	40	35	30	
6/11/2026	12:45 PM	57	60	62	61	70	64	65	64	61	61	60	60	58	56	53	52	51	51	52	53	51	60	50	45	44	41	37	33	28	
6/11/2026	1:00 PM	57	61	63	62	67	65	67	66	63	63	62	62	60	58	56	56	56	55	55	59	54	52	50	48	46	44	43	41	37	
6/11/2026	1:15 PM	58	61	62	63	69	65	66	63	60	60	60	59	56	55	52	50	50	51	52	52	51	50	48	45	44	42	39	37	31	
6/11/2026	1:30 PM	56	60	62	63	68	67	66	61	58	59	55	54	52	51	52	52	50	48	50	50	48	47	45	43	43	40	39	37	31	
6/11/2026	1:45 PM	56	61	62	65	64	66	63	63	58	59	54	54	52	51	49	48	48	48	49	48	48	47	45	43	43	40	39	38	32	
6/11/2026	2:00 PM	58	61	64	65	69	66	64	61	59	59	56	55	53	52	50	49	49	48	48	48	47	47	45	43	42	40	39	37	32	
6/11/2026	2:15 PM	57	61	63	65	69	66	63	61	59	59	56	55	54	51	49	49	50	49	49	48	48	47	45	42	41	38	38	36	32	
6/11/2026	2:30 PM	59	61	62	65	67	67	65	65	62	62	61	61	58	56	53	51	52	54	54	54	51	50	48	47	45	42	40	38	34	

Note: Gray values are PDTs as defined by ANSI S12.9-2021/Part 4 Annex C

Table 4: Vibration Perceptibility Assessment

Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by Octave Band Center Frequency (Hz)								
		ML1			ML2			ML3		
		16 Hz	31.5 Hz	63 Hz	16 Hz	31.5 Hz	63 Hz	16 Hz	31.5 Hz	63 Hz
6/10/2026	2:00 PM							66	68	73
6/10/2026	2:15 PM							65	72	72
6/10/2026	2:30 PM				67	77	73	66	70	72
6/10/2026	2:45 PM				67	73	74	66	70	73
6/10/2026	3:00 PM				68	73	74	66	67	72
6/10/2026	3:15 PM	67	73	71	67	76	75	66	71	74
6/10/2026	3:30 PM	66	71	73	65	74	73	65	69	76
6/10/2026	3:45 PM	65	73	71	65	73	73	65	68	74
6/10/2026	4:00 PM	66	66	70	66	68	74	66	66	73
6/10/2026	4:15 PM	67	67	73	66	67	74	66	67	71
6/10/2026	4:30 PM	66	66	72	66	67	75	66	66	72
6/10/2026	4:45 PM	66	65	72	67	66	74	66	65	72
6/10/2026	5:00 PM	64	62	70	65	63	73	64	62	70
6/10/2026	5:15 PM	64	60	66	64	60	66	64	61	68
6/10/2026	5:30 PM	68	62	70	68	63	71	66	63	69
6/10/2026	5:45 PM	69	63	70	69	65	72	67	64	69
6/10/2026	6:00 PM	66	59	65	66	61	66	65	61	67
6/10/2026	6:15 PM	64	59	61	64	61	61	64	61	67
6/10/2026	6:30 PM	61	61	61	61	64	59	61	61	66
6/10/2026	6:45 PM	62	57	61	60	58	58	60	58	65
6/10/2026	7:00 PM	59	56	61	56	57	57	55	58	65
6/10/2026	7:15 PM	59	55	61	55	56	57	55	57	65
6/10/2026	7:30 PM	53	54	61	55	55	56	54	56	64
6/10/2026	7:45 PM	53	54	60	53	54	57	53	54	65
6/10/2026	8:00 PM	55	54	60	54	54	57	54	54	65
6/10/2026	8:15 PM	53	54	61	52	54	57	52	53	65
6/10/2026	8:30 PM	53	53	61	53	54	58	53	53	65
6/10/2026	8:45 PM	51	52	60	52	53	57	52	53	65
6/10/2026	9:00 PM	52	53	60	53	55	57	53	54	65
6/10/2026	9:15 PM	52	53	60	53	54	57	53	54	65
6/10/2026	9:30 PM	52	56	62	52	56	60	53	55	65
6/10/2026	9:45 PM	53	54	60	53	55	58	53	55	65
6/10/2026	10:00 PM	53	56	61	53	55	58	53	56	65
6/10/2026	10:15 PM	53	55	60	54	55	58	54	55	65
6/10/2026	10:30 PM	53	55	60	54	55	58	54	55	65
6/10/2026	10:45 PM	51	53	60	51	53	58	52	54	65
6/10/2026	11:00 PM	53	56	60	54	56	58	54	56	66
6/10/2026	11:15 PM	53	63	62	54	60	59	54	62	66
6/10/2026	11:30 PM	49	52	60	50	52	58	50	53	65
6/10/2026	11:45 PM	50	53	60	50	53	58	50	53	65
6/11/2026	12:00 AM	50	53	60	51	53	57	51	53	65
6/11/2026	12:15 AM	49	53	59	50	52	58	50	53	65
6/11/2026	12:30 AM	50	53	60	50	52	57	51	53	65
6/11/2026	12:45 AM	50	53	60	50	52	58	51	53	66
6/11/2026	1:00 AM	49	52	60	50	51	57	50	52	65

Table 4: Vibration Perceptibility Assessment

Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by Octave Band Center Frequency (Hz)								
		ML1			ML2			ML3		
		16 Hz	31.5 Hz	63 Hz	16 Hz	31.5 Hz	63 Hz	16 Hz	31.5 Hz	63 Hz
6/11/2026	1:15 AM	49	53	60	50	53	57	50	53	65
6/11/2026	1:30 AM	53	54	60	53	54	57	53	55	65
6/11/2026	1:45 AM	49	53	60	50	53	58	50	54	65
6/11/2026	2:00 AM	50	53	60	51	53	57	51	54	65
6/11/2026	2:15 AM	50	53	60	50	52	58	51	53	65
6/11/2026	2:30 AM	49	52	60	49	52	57	50	53	65
6/11/2026	2:45 AM	49	52	60	49	52	58	49	53	65
6/11/2026	3:00 AM	52	54	60	52	54	58	52	55	65
6/11/2026	3:15 AM	50	53	60	50	53	58	50	54	65
6/11/2026	3:30 AM	49	52	60	49	52	57	49	53	65
6/11/2026	3:45 AM	49	52	60	50	52	57	50	53	65
6/11/2026	4:00 AM	52	53	61	52	53	58	52	53	65
6/11/2026	4:15 AM	51	52	61	52	52	58	52	53	65
6/11/2026	4:30 AM	53	54	60	53	54	58	53	54	65
6/11/2026	4:45 AM	52	55	61	52	54	58	53	55	65
6/11/2026	5:00 AM	53	54	61	53	54	58	54	55	65
6/11/2026	5:15 AM	54	54	61	54	53	58	55	55	65
6/11/2026	5:30 AM	51	54	61	52	54	58	52	55	65
6/11/2026	5:45 AM	57	55	61	56	55	59	56	57	65
6/11/2026	6:00 AM	65	58	62	64	60	62	64	62	67
6/11/2026	6:15 AM	64	59	62	64	60	62	65	64	67
6/11/2026	6:30 AM	64	62	68	64	63	65	64	64	68
6/11/2026	6:45 AM	64	64	71	64	66	67	64	66	69
6/11/2026	7:00 AM	63	64	71	63	65	67	63	64	69
6/11/2026	7:15 AM	61	65	71	63	65	68	64	66	72
6/11/2026	7:30 AM	63	67	72	64	68	72	65	70	73
6/11/2026	7:45 AM	65	67	69	65	67	68	66	71	72
6/11/2026	8:00 AM	64	66	72	64	67	69	65	70	73
6/11/2026	8:15 AM	62	66	70	63	67	68	64	68	72
6/11/2026	8:30 AM	63	67	69	64	67	68	65	69	71
6/11/2026	8:45 AM	63	66	72	64	67	70	65	69	72
6/11/2026	9:00 AM	63	67	72	65	67	69	65	69	74
6/11/2026	9:15 AM	63	68	73	64	68	70	64	71	72
6/11/2026	9:30 AM	63	68	72	64	67	71	64	69	72
6/11/2026	9:45 AM	62	67	72	64	66	71	63	67	71
6/11/2026	10:00 AM	64	65	72	65	67	68	64	69	73
6/11/2026	10:15 AM	65	67	72	67	69	71	65	70	73
6/11/2026	10:30 AM	65	68	69	66	70	73	67	71	74
6/11/2026	10:45 AM	64	66	70	65	68	72	63	70	72
6/11/2026	11:00 AM	63	66	71	65	67	71	64	69	73
6/11/2026	11:15 AM	63	70	74	64	68	74	63	69	72
6/11/2026	11:30 AM	63	66	71	63	67	72	61	68	72
6/11/2026	11:45 AM	61	63	67	61	64	71	61	66	70
6/11/2026	12:00 PM	55	63	65	55	61	60	58	62	64
6/11/2026	12:15 PM	61	63	65	60	62	64	61	67	69

Note: Light gray values = moderate perceptibility; dark gray values = clear perceptibility as defined by ANSI S12.9-2021/Part 4

Table 4: Vibration Perceptibility Assessment

Date	Start Time	Measured L_{eq} Sound Pressure Levels (dB) by Octave Band Center Frequency (Hz)								
		ML1			ML2			ML3		
		16 Hz	31.5 Hz	63 Hz	16 Hz	31.5 Hz	63 Hz	16 Hz	31.5 Hz	63 Hz
6/11/2026	12:30 PM	62	64	67	63	63	67	61	67	74
6/11/2026	12:45 PM	61	64	69	63	64	66	62	66	72
6/11/2026	1:00 PM	64	66	73	65	65	71	64	67	71
6/11/2026	1:15 PM	63	66	70	64	67	74	63	67	72
6/11/2026	1:30 PM	63	66	71	63	68	73	62	67	72
6/11/2026	1:45 PM	64	68	74	65	69	71	63	68	70
6/11/2026	2:00 PM	64	67	70	64	70	74	63	68	72
6/11/2026	2:15 PM	64	67	70	65	69	74	63	68	71
6/11/2026	2:30 PM	65	67	72	67	69	72	65	68	71
6/11/2026	2:45 PM	65	67	70	65	68	74			
6/11/2026	3:00 PM	64	67	71						
6/11/2026	3:15 PM	62	66	71						







26-0337_DCBlox_IndyDC_Acoustic Opinion Letter-260616.docx

June 16, 2026

Epsilon Ref. 26-0337

Mr. Spencer Humphrey, PE
Associate Principal
Langan
Via email: shumphrey@langan.com

Subject: Acoustic Letter of Opinion
Indianapolis Data Center Project – Indianapolis, Indiana

Dear Spencer:

Epsilon Associates, Inc. (Epsilon) is pleased to provide this letter of opinion on potential sound levels from the proposed 78 MW data center project located in the Eastgate neighborhood of Indianapolis, Indiana to the south of E. Washington Street and west of S. Shadeland Avenue (the Project). The Project is being developed by DC Blox who has established a site requirement sound level of 65 dBA at their property boundary.

Conceptual Design Overview

A conceptual site plan and equipment layout for the Project dated June 2, 2026, aerial imagery of the area, property lines, and high-level sound level data for select equipment at the site were reviewed to derive an opinion of the potential exterior sound levels from the Project. Anticipated exterior sound sources from the Project include DX units/chillers, CRAC/condenser systems, rooftop units (RTUs), power generators, and auxiliary equipment. Based on the sound data provided for review and our experience, the primary sound sources will be the chillers (positioned on building rooftops) and the power generators (positioned on the ground). Sound level information and quantities of this equipment are provided in Table 1.

Table 1

Equipment	Quantity	Sound Level
DX Units/Chillers	89	100 dBA (Sound Power Level)
Power Generators	56	85 dBA at 7 meters (Sound Pressure Level) likely to be accomplished via sound attenuating enclosure

The conceptual Project layout includes three buildings tightly arranged in the central-southern portion of the property parcel generally bordered by site paved areas, i.e., access roads. The positioning of the data center buildings and corresponding equipment provide the largest setback from the northern property boundary in the direction of the closest homes to the Project. Furthermore, the layout includes all power generators interior to the building arrangement in utility yards, largely preventing line of sight of the generators to the majority of the Project's parcel boundary, a beneficial approach for limiting community noise impacts. The site design also includes solid sound walls at the ends of the utility yards, further preventing line of sight, and an 8-foot earthen berm to the north. The approximate distances from the primary equipment to the Project property boundary in each direction are summarized below in Table 2.

Table 2

Direction	Approx. Distance from Generators	Approx. Distance from DX Units/Chillers
North	615 ¹	500 ¹
West	160	185
South	400	185
East	305	140

Notes:

1. In the direction of the closest homes. The distance to the northern Project property boundary abutting the electric utility facility along the Pennsy Trail is shorter.

Estimated Sound Levels at the Property Line

Screening-level calculations of sound levels at the property boundaries were made assuming all primary equipment in Table 1 are running simultaneously at full load at the same position in space, a conservative approach. The cursory sound level calculations include only reductions due to drop-off with distance (e.g., no credit for building or sound wall shielding, atmospheric absorption, or ground absorption), which is conservative as well. Sound levels from this estimation show significant exceedances at the property boundary with the highest result at the western boundary where setback distances are shortest. These estimates are conservative, particularly given the lack of consideration for onsite building and wall shielding and equipment spacing. Roughly accounting for some onsite shielding and equipment spacing, the property boundary sound levels range from approximately 61 to 72 dBA. The highest predicted sound level is 7 dBA above the site requirement, an overage that can be reasonably attenuated.

Conclusions

The adjusted screening-level sound level calculations indicate that the Project has clear potential to meet its requirement of 65 dBA at the property line. As required, DC Blox will commission a detailed

Mr. Spencer Humphrey, PE
Langan
6/16/2026

PAGE 3 of 3

acoustic study to confirm this under both normal and emergency operations. The study will use industry-standard modeling to accurately predict potential sound levels and definitively assess Project compliance with DC Blox's sound level requirement. This three-dimensional model of the site will account for natural shielding effects from the onsite buildings, walls, and berms and other factors that influence how sound travels (e.g., ground absorption, etc.). It will also allow for mapping sound levels across the entire Project boundary, i.e., with sound level isolines.

To help reduce sound at the property boundary, ground-mounted sound walls at the ends of the utility yards where generators are directly visible to the property boundary will be installed. Rooftop acoustic-screening walls for the cooling equipment will be considered if the future sound study shows the need to further mitigate sound from the Project.

Finally, measuring existing background sound levels onsite and/or in the community is recommended to better understand potential impacts and support effective planning.

If you have any questions on this letter, please feel free to call me at (978) 461-6232 or e-mail me at ccyr@epsilonassociates.com.

Sincerely,
EPSILON ASSOCIATES, Inc.



Clinton D. Cyr, PE, INCE Board Certified
Lead Engineer



26-0337_DC Blox_IndyDC_Baseline Sound Levels Letter_260630.docx

June 30, 2026

Epsilon Ref. 26-0337

Mr. Spencer Humphrey, PE
Associate Principal
Langan
Via email: shumphrey@langan.com

**Subject: Baseline Sound Level Report
Indianapolis Data Center Project – Indianapolis, Indiana**

Dear Spencer:

Epsilon Associates, Inc. (Epsilon) is pleased to provide this brief report on a baseline sound level measurement program conducted for the proposed data center project with Phase 1 (10 MW tenant load) and Phase 2 (up to 40 MW) located in the Eastgate neighborhood of Indianapolis, Indiana to the south of E. Washington Street and west of S. Shadeland Avenue (the Project). The Project is being developed by DC Blox who has established a site requirement sound level limit of 65 dBA (L_{max}) at their property boundary. Additionally, DC Blox is committed to minimizing low frequency impacts from the Project through diligent study and engineering.

This baseline sound study was conducted to quantify sound levels existing today in the vicinity of the proposed site without the Project in operation. The methodology and results are described herein with a primer on acoustic terminology included as an attachment.

Measurement Methodology Overview

The baseline sound level measurements were each 20 minutes in duration performed during the morning, afternoon, evening, and nighttime at four (4) locations around the proposed site between Monday, June 22 and Tuesday, June 23, 2026. The multiple periods allow for a characterization of how sound levels change over the course of a day due to various existing sound sources such as traffic, commercial activity, and/or natural sounds.

Four (4) locations largely along the site's property boundary were utilized to characterize existing sound levels. Table 1 provides details of these locations including their global coordinates. All measurements were attended by Epsilon staff and performed on publicly accessible property or the Project's property.

Table 1

Location	Property Line Direction	Description	Coordinates	
			Latitude	Longitude
1	East	Fintail Drive	39.766891	-86.049460
2	West	S Kitley Avenue	39.766951	-86.054599
3	Northwest	Pennsy Trail (across from Irvington Community Elementary School)	39.768877	-86.052921
4	Northeast	Pennsy Trail (across from N Edmondson Avenue)	39.768982	-86.049922

Sound level measurements were made using a Larson Davis Model 831C sound level meter equipped with a microphone, preamplifier, and a windscreen. This instrumentation meets "Type 1 Precision" requirements set forth in American National Standards Institute (ANSI) S1.4 standard for sound level meters. The microphone was mounted at about 5 feet above ground to represent the height of the average standing person's ears. The measurement equipment was calibrated in the field before and after the survey with a Larson Davis CAL200 acoustical calibrator which meets the standards of IEC 942 Class 1L and ANSI S1.40. Sound levels of various metrics (e.g., L_{max} , L_{eq} , L_{90}) were measured for each 20-minute sampling period with one-third octave band sound levels corresponding to the same datasets measuring from 6.3 Hz to 20,000 Hz, which includes low frequencies (20 to 200 Hz) and infrasound (below 20 Hz) that cannot be heard by the human ear.

Meteorological conditions were periodically sampled by field personnel via handheld instrumentation as documented in Table 2. No precipitation occurred during the measurements.

Table 2

Measurement Period	Date	Temperature (°F)	Relative Humidity (%)	Wind Speed (mph)	Wind Direction (from)	Sky Condition
Morning	6/23/2026	83	54	5	North	Clear
Afternoon	6/22/2026	66	77	7	North	Overcast
Evening	6/23/2026	80	40	5	North	Clear
Night	6/23/2026	68	74	0	N/A	Clear

Measurement Results (Baseline)

Existing sound sources observed in the vicinity of the Project site include traffic locally and on major roadways, construction at neighboring parcels to the east and southeast, activity at nearby facilities such as loading dock activity to the west, rustling vegetation, birds, aircraft, emergency vehicle sirens,

and insects/amphibians (mainly at night). Periods and locations where construction activity was clearly audible are as follows:

- *Morning*: Locations 1, 2, 3, 4
- *Afternoon*: Locations 1, 3
- *Evening*: None observed
- *Night*: Some minor activity observed at Locations 1, 3

A summary of the existing broadband sound levels measured during various times of the day are shown in Table 3 by location. A-weighted (dBA) sound levels, representative of human hearing for most sounds, and C-weighted (dBC) sound levels, best used for quantifying loud sound levels (e.g., > 85 dBC), are included in the table. The difference between the two sound levels (dBC – dBA) provides insight to the significance of low-frequency content of the observed sound; a small difference means the sound was dominated by mid- and/or high-frequency sound, and a large difference means low-frequency sound was dominant. The following sound level metrics are presented in the table.

- L_{eq} , the equivalent level, is the level of a hypothetical steady sound that would have the same energy as the actual fluctuating sound and is mostly determined by loud, transient events.
- L_{90} is the sound level exceeded 90 percent of the time during the measurement period, essentially the lowest sound level observed when there are no transient sounds.
- L_{max} is the maximum sound level over a given period and is typically due to discrete, identifiable events such as a truck passby or construction.

The Project's self-imposed sound limit of 65 decibels is an A-weighted L_{max} . The attached Table 4 presents the measured unweighted (dB) one-third octave band L_{max} , L_{eq} , and L_{90} sound levels in all measured frequencies.

Table 3

Location	Period	Date/Start Time	Broadband Sound Pressure Level				
			L _{max}		L _{eq}		L ₉₀ *
			dBA	dB	dBA	dB	dBA
1	Morning	6/23/26 9:15	84	99	68	82	60
	Afternoon	6/22/26 14:17	62	84	54	69	53
	Evening	6/23/26 18:41	64	80	50	65	47
	Night	6/23/26 0:23	78	92	49	64	47
2	Morning	6/23/26 9:41	82	87	59	66	44
	Afternoon	6/22/26 14:45	81	92	63	71	48
	Evening	6/23/26 19:07	83	91	60	69	44
	Night	6/23/26 0:49	80	83	54	61	44
3	Morning	6/23/26 10:10	66	72	50	63	47
	Afternoon	6/22/26 15:10	63	75	52	63	50
	Evening	6/23/26 19:36	71	85	53	65	46
	Night	6/23/26 1:13	63	72	46	59	43
4	Morning	6/23/26 10:35	72	90	52	71	47
	Afternoon	6/22/26 15:37	64	84	53	65	51
	Evening	6/23/26 19:59	76	82	52	63	46
	Night	6/23/26 1:37	92	96	60	66	46

*C-weighted L90 sound levels were not measured due to instrumentation limitations.

Conclusion

Epsilon completed a baseline sound level measurement program and quantified sound levels existing today in the vicinity of the proposed site without the Project in operation. Sound levels presented in the tables that were influenced by construction may be higher than levels that are more typical for the area, i.e., when construction is not occurring.

If you have any questions on this letter, please feel free to call me at (978) 461-6232 or e-mail me at ccyr@epsilonassociates.com.

Sincerely,
EPSILON ASSOCIATES, Inc.



Clinton D. Cyr, PE, INCE Board Certified
Lead Engineer

Attachments

- Sound Terminology
- Table 4 – One-Third Octave Band Sound Pressure Levels (Unweighted, dB)

Sound Terminology

There are several ways in which sound levels are measured and quantified. All of them use the logarithmic decibel (dB) scale. The following information defines the sound level terminology used in this analysis.

The decibel scale is logarithmic to accommodate the wide range of sound intensities found in the environment. A property of the decibel scale is that the sound pressure levels of two or more separate sounds are not directly additive. For example, if a sound of 50 dB is added to another sound of 50 dB, the total is only a 3-decibel increase (53 dB), which is equal to doubling in sound energy, but not equal to a doubling in decibel quantity (100 dB). Thus, every 3-dB change in sound level represents a doubling or halving of sound energy. The human ear does not perceive changes in the sound pressure level as equal changes in loudness. Scientific research demonstrates that the following general relationships hold between sound level and human perception for two sound levels with the same or very similar frequency characteristics¹:

- 3 dB increase or decrease results in a change in sound that is just perceptible to the average person,
- 5 dB increase or decrease is described as a clearly noticeable change in sound level, and
- 10 dB increase or decrease is described as twice or half as loud.

Another mathematical property of decibels is that if one source of sound is at least 10 dB louder than another source, then the total sound level is simply the sound level of the higher-level source. For example, a sound source at 60 dB plus another sound source at 47 dB is equal to 60 dB.

A sound level meter (SLM) that is used to measure sound is a standardized instrument.² It contains “weighting networks” (e.g., A-, C-, Z-weightings) to adjust the frequency response of the instrument. Frequencies, reported in Hertz (Hz), are detailed characterizations of sounds, often addressed in musical terms as “pitch” or “tone”. The most commonly used weighting network is the A-weighting because it most closely approximates how the human ear responds to sound at various frequencies. The A-weighting network is the accepted scale used for community sound level measurements; therefore, sounds are frequently reported as detected with a sound level meter using this weighting. A-weighted sound levels emphasize middle frequency sounds (i.e., middle pitched – around 1,000 Hz) and de-emphasize low and high frequency sounds. These sound levels are reported in decibels designated as “dBA”. The C-weighting network has a nearly flat response for frequencies between 63 Hz and 4,000 Hz and is noted as dBC. Z-weighted sound levels are measured sound levels without any weighting curve and are otherwise referred to as “unweighted”.

¹ Bies, David, and Colin Hansen. 2009. *Engineering Noise Control: Theory and Practice*, 4th Edition. New York: Taylor and Francis.

² *American National Standard Specification for Sound Level Meters*, ANSI S1.4-2014 (R2019), published by the Standards Secretariat of the Acoustical Society of America, Melville, NY.

Because the sounds in our environment vary with time they cannot simply be described with a single number. Two methods are used for describing variable sounds. These are exceedance levels and the equivalent level, both of which are derived from a large number of moment-to-moment A-weighted sound level measurements. Exceedance levels are values from the cumulative amplitude distribution of all of the sound levels observed during a measurement period. Exceedance levels are designated L_n , where n can have a value between 0 and 100 in terms of percentage. Several sound level metrics that are commonly reported in community sound monitoring studies are described below.

- $L_{\max}$ is the maximum sound level over a given time period. The $L_{\max}$ is typically due to discrete, identifiable events such as an airplane overflight, car or truck passby, or a dog bark for example.
- L_{eq} , the equivalent level, is the level of a hypothetical steady sound that would have the same energy (*i.e.*, the same time-averaged mean square sound pressure) as the actual fluctuating sound observed. The equivalent level is designated L_{eq} and is typically A-weighted. The equivalent level represents the time average of the fluctuating sound pressure, but because sound is represented on a logarithmic scale and the averaging is done with linear mean square sound pressure values, the L_{eq} is mostly determined by loud sounds if there are fluctuating sound levels.
- L_{90} is the sound level exceeded 90 percent of the time during the measurement period. The L_{90} is close to the lowest sound level observed. It is essentially the same as the residual sound level, which is the sound level observed when there are no obvious nearby intermittent sound sources.

Table 4

Loc.	Period	Date/Start Time	Lmax One-Third Octave Band Sound Pressure Levels (Unweighted, dB) by Frequency Band (Hz)																																			
			6.3	8	10	12.5	16	20	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	10k	12.5k	16k	20k
1	Morning	6/23/26 9:15	73	68	68	69	69	69	88	90	98	97	100	91	89	91	82	85	81	82	85	82	77	74	71	75	77	75	73	74	71	68	63	61	53	59	45	35
	Afternoon	6/22/26 14:17	87	89	85	82	80	84	81	77	74	72	73	73	69	69	67	68	59	58	54	55	61	56	53	50	50	47	48	51	50	50	47	45	41	36	29	25
	Evening	6/23/26 18:41	84	82	84	78	82	78	77	76	75	69	69	68	64	66	64	61	60	60	59	65	63	60	56	59	55	54	54	55	52	49	45	42	39	35	30	27
	Night	6/23/26 0:23	58	58	62	66	61	63	60	69	76	79	79	82	86	79	84	79	71	69	72	69	71	66	66	65	64	60	56	47	43	40	36	28	32	29	28	24
2	Morning	6/23/26 9:41	71	72	78	76	86	86	88	86	76	81	83	76	70	74	79	79	73	71	73	71	72	75	75	72	71	71	70	70	69	65	62	60	58	54	46	
	Afternoon	6/22/26 14:45	92	90	88	84	86	83	82	76	77	77	83	89	86	90	87	78	82	77	76	73	75	74	73	71	71	69	66	65	62	59	57	55	52	48	43	36
	Evening	6/23/26 19:07	91	87	89	83	83	81	78	74	78	74	85	83	86	91	82	84	80	89	75	73	78	79	74	74	70	69	65	64	60	57	54	53	50	48	45	35
	Night	6/23/26 0:49	60	57	61	67	66	64	68	67	69	71	74	71	69	71	67	67	74	69	71	69	76	75	73	70	69	68	65	60	57	55	52	49	45	38	32	26
3	Morning	6/23/26 10:10	59	59	63	67	69	69	65	64	68	71	70	71	70	66	64	63	62	59	59	59	60	62	57	54	54	49	50	59	65	58	53	44	39	39	35	29
	Afternoon	6/23/26 15:10	82	78	77	75	74	71	69	73	71	67	69	68	71	68	69	57	52	56	61	51	52	52	54	51	53	52	55	53	61	57	49	50	39	38	35	36
	Evening	6/23/26 19:36	63	63	66	68	69	72	73	73	74	73	79	82	82	78	81	71	70	68	70	67	65	66	61	60	56	53	56	59	53	52	50	55	61	45	40	39
	Night	6/23/26 1:13	59	58	62	63	60	63	60	62	59	71	67	71	69	62	60	57	57	55	54	56	57	60	62	54	56	37	39	36	32	28	25	23	19	18	14	14
4	Morning	6/23/26 10:35	71	69	69	67	69	68	79	85	88	88	89	77	77	80	78	75	71	63	63	62	62	60	61	61	59	55	54	52	50	57	51	45	38	37	30	23
	Afternoon	6/23/26 15:37	88	88	84	86	85	82	81	78	74	72	69	71	65	70	71	62	59	57	62	63	59	54	55	53	48	47	48	50	50	50	45	49	45	42	41	36
	Evening	6/23/26 19:59	79	77	76	74	74	72	73	71	72	71	66	74	77	75	75	72	71	73	67	69	68	66	64	65	66	64	67	64	62	59	56	55	53	51	46	42
	Night	6/23/26 1:37	60	64	60	66	65	71	68	71	89	84	63	77	79	82	82	80	78	85	88	89	86	85	84	79	77	75	73	72	70	65	63	59	54	50	44	
			L90 One-Third Octave Band Sound Pressure Levels (Unweighted, dB) by Frequency Band (Hz)																																			
			6.3	8	10	12.5	16	20	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	10k	12.5k	16k	20k
1	Morning	6/23/26 9:15	46	46	47	49	51	51	51	57	56	59	58	57	58	56	55	55	54	55	53	49	49	48	47	47	46	45	44	42	40	37	36	32	24	19	10	6
	Afternoon	6/22/26 14:17	57	55	54	54	54	54	52	54	53	53	58	53	52	53	49	49	46	43	43	42	43	45	45	42	39	35	31	28	25	20	15	11	7	6	5	6
	Evening	6/23/26 18:41	51	50	50	50	50	50	48	49	50	50	53	49	48	50	45	43	41	38	37	36	37	39	39	36	33	28	24	21	18	12	9	7	6	5	14	
	Night	6/23/26 0:23	39	39	42	43	46	47	46	48	51	48	54	49	45	50	45	44	42	39	37	36	37	39	39	36	33	28	24	21	18	12	9	7	6	5	8	
2	Morning	6/23/26 9:41	43	43	44	46	49	49	49	51	50	51	51	49	46	44	40	37	35	32	30	31	30	30	28	26	24	22	22	33	38	14	12	14	9	7	9	
	Afternoon	6/22/26 14:45	51	49	48	50	50	50	49	51	50	51	52	49	47	45	42	40	39	38	38	40	41	40	36	33	30	28	26	24	28	15	12	9	7	5	7	
	Evening	6/23/26 19:07	49	47	47	46	47	47	46	46	47	48	48	46	45	43	40	37	36	34	34	35	35	35	32	29	25	23	21	19	22	15	10	8	7	6	17	
	Night	6/23/26 0:49	38	38	41	44	47	47	47	46	48	47	49	47	43	45	40	38	38	38	36	36	36	34	30	26	21	17	15	16	21	7	6	5	5	11		
3	Morning	6/23/26 10:10	40	41	43	45	47	48	47	48	47	51	51	52	52	50	49	47	43	39	35	33	33	33	32	30	28	27	28	28	27	42	37	13	16	12	8	7
	Afternoon	6/22/26 15:10	43	43	44	46	48	48	50	50	50	52	49	48	48	44	43	40	38	38	39	40	41	40	38	35	33	33	33	32	40	38	22	18	13	9	11	
	Evening	6/23/26 19:36	38	39	40	41	43	44	45	46	48	48	50	48	46	44	40	38	36	34	33	34	35	34	32	30	28	28	28	30	35	27	15	11	8	6	15	
	Night	6/23/26 1:13	36	37	40	41	44	46	45	45	46	46	48	46	45	44	40	39	35	35	35	35	35	34	30	26	22	16	15	19	9	8	7	6	5	5	11	
4	Morning	6/23/26 10:35	42	43	44	46	48	47	53	52	52	53	50	51	49	46	43	40	36	36	35	35	36	36	33	33	31	28	29	31	24	17	14	10	7	8		
	Afternoon	6/22/26 15:37	45	45	46	49	50	51	50	51	52	52	54	51	51	50	46	45	42	40	41	42	43	44	44	40	38	35	31	30	26	21	18	13	8	6	9	
	Evening	6/23/26 19:59	45	44	45	45	46	47	46	47	46	49	49	50	48	47	47	42	39	38	36	35	36	37	38	37	34	31	29	30	27	25	18	15	12	8	6	13
	Night	6/23/26 1:37	38	39	41	43	46	47	46	46	47	47	48	46	46	47	43	42	37	36	37	39	38	38	37	34	30	26	21	19	17	10	11	8	6	5	11	



INDIANA LAND SERVICES

Your Local Land Specialist

Bo Leffel is a dedicated expert in land acquisition, disposition, and development, with extensive experience brokering the sale of thousands of acres across Indiana. Trusted by major developers, builders, and land-owning families, he specializes in properties with a wide range of uses, including agricultural, retail, multifamily, office, industrial, and residential.

WHAT WE CAN DO FOR YOU



Site Selection
& Acquisition



Valuation



Disposition



Consultation
& Advisory



Assemblage

WHO WE ARE



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WHAT WE'VE ACCOMPLISHED

28

Years of
Experience

242

Completed Land Acquisition and
Dispositions Since 2017

\$765M

Transaction Volume
Since 2017

WHO WE'VE DONE IT FOR

**INDIANA
FOR THE BOLD**

Economic Development Corp.

DukeREALTY



LEAP

Assembled 9,000 Acres
Represented: Buyer
Land Use: Indiana Economic
Development Corporation



ELI LILLY FACILITIES

Assembled 600 Acres
Represented: Buyer
Land Use: Eli Lilly's \$13 Billion
facilities in Lebanon Indiana as
part of LEAP



DUKE REALTY

Represented: Seller
Land Use: Retail, Office, Hospitality
and Ancillary in Whitestown

**DEPAUW
UNIVERSITY**



communications



111TH AND PENNSYLVANIA

38 Acres
Represented: Seller
Land Use: \$700M Development;
58 townhomes, 912 multi-family
units, and 430,000 sq ft of
office space



LAFAYETTE INDUSTRIAL LAND

339 Acres
Represented: Seller
Land Use: Industrial



ZIONSVILLE MIXED- USE DEVELOPMENT

265 Acres
Represented: Seller
Land Use: High-End Residential,
Multifamily, Local Retail, and Age-
Targeted Housing

KEY TRANSACTIONS

From: [Westrick Brown, Mindy](#)
To: [Patrick, Colin M.](#)
Subject: FW: virtual meeting request
Date: Tuesday, June 23, 2026 2:23:53 PM

Mindy Westrick Brown

Counsel

mindy.westrick@faegredrinker.com

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Faegre Drinker Biddle & Reath LLP

300 N. Meridian Street, Suite 2500
Indianapolis, Indiana 46204, USA

From: Westrick Brown, Mindy
Sent: Wednesday, June 17, 2026 8:15 PM
To: 'Rowland, Steve' <Steve.Rowland@indy.gov>
Cc: Blackledge, Daniel <Daniel.Blackledge2@Indy.Gov>; Carpenter, David <David.Carpenter@indy.gov>; Leach, Mark R. <mark.leach@faegredrinker.com>
Subject: RE: virtual meeting request

Thanks for the feedback. I was able to check the notes from the team that met.

Sounds like a plan going forward. Let us know if anything pops up in the meantime as this project moves through the process.

Thanks,
Mindy

Mindy Westrick Brown

Counsel

mindy.westrick@faegredrinker.com

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Faegre Drinker Biddle & Reath LLP

300 N. Meridian Street, Suite 2500
Indianapolis, Indiana 46204, USA

From: Rowland, Steve <Steve.Rowland@indy.gov>

Sent: Wednesday, May 27, 2026 9:30 AM
To: Westrick Brown, Mindy <mindy.westrick@faegredrinker.com>
Cc: Blackledge, Daniel <Daniel.Blackledge2@Indy.Gov>; Carpenter, David <David.Carpenter@indy.gov>
Subject: RE: virtual meeting request

This Message originated outside your organization.

Mindy,
I passed your request to our Plan Reviewers, and they stated they had a pre-permit meeting with them and BNS already. Once the plans are sent in for review there should be a second meeting taking place with everyone again.

Stephen Rowland
Fire and Life Safety Division
Indianapolis Fire Department
955 Fort Wayne Avenue
Indianapolis, Indiana 46202
Phone: 317.935.4717
Fax: 317.327.6072
Email: steve.rowland@indy.gov

From: Westrick Brown, Mindy <mindy.westrick@faegredrinker.com>
Sent: Monday, May 25, 2026 8:11 PM
To: Rowland, Steve <Steve.Rowland@indy.gov>
Subject: virtual meeting request

Marshal Rowland,

As I mentioned on the phone, I represent DC BLOX who is looking to build in the Thunderbird Commerce Center. They have a project website with a plan of operations and commitments located at DCBLOXIndy.com. Would you have time this week for a virtual meeting so DC BLOX can talk about their operations with you. Let us know what might work for you.

Thanks,
Mindy

Mindy Westrick Brown

Counsel

mindy.westrick@faegredrinker.com

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