
The Cambridge South East Transport Order

Transport And Works Act 1992

Transport And Works (Applications And Objections Procedure) (England And Wales) Rules 2006

Appendix 7.1 – Long Term Noise Monitoring Data

Document Reference	CSET-10-17
Revision Number	00
Applicant	Cambridgeshire County Council
Date	January 2025

Table A7.1.1 Long term noise monitoring data – Site LP2

Date	25/11/2022			26/11/2022			27/11/2022			28/11/2022			29/11/2022			30/11/2022			01/12/2022			02/12/2022		
Time Period	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)
00:00	-	-	-	47	48	60	52	55	63	39	41	48	32	37	43	35	39	49	36	40	48	-	-	-
00:15	-	-	-	45	46	50	54	57	63	39	40	48	29	30	46	34	37	47	33	36	44	-	-	-
00:30	-	-	-	44	46	51	-	-	-	37	38	42	33	38	44	34	34	47	30	33	45	-	-	-
00:45	-	-	-	45	46	55	-	-	-	37	38	45	30	33	44	31	33	43	36	40	48	-	-	-
01:00	-	-	-	45	47	55	53	56	68	37	38	43	29	29	43	32	32	46	31	33	45	-	-	-
01:15	-	-	-	45	47	52	53	56	63	39	42	46	32	36	45	36	36	52	37	41	51	-	-	-
01:30	-	-	-	45	46	52	52	53	75	37	38	43	33	37	47	33	37	45	34	35	52	-	-	-
01:45	-	-	-	44	45	49	50	52	63	38	41	51	28	28	41	30	29	45	29	31	39	-	-	-
02:00	-	-	-	43	46	51	51	54	59	40	43	50	28	28	41	28	30	37	30	32	43	-	-	-
02:15	-	-	-	41	43	45	54	56	69	36	38	45	28	31	39	30	32	42	29	29	53	-	-	-
02:30	-	-	-	43	44	49	52	53	73	37	40	45	26	27	40	29	29	40	29	30	53	-	-	-
02:45	-	-	-	42	44	49	49	52	56	36	38	41	29	31	41	27	28	33	27	29	40	-	-	-
03:00	-	-	-	42	43	49	48	51	56	37	39	43	26	27	41	28	29	32	27	27	40	-	-	-
03:15	-	-	-	42	44	49	46	49	55	39	41	46	30	29	44	31	31	46	31	32	44	-	-	-
03:30	-	-	-	40	41	44	44	47	52	41	43	47	31	29	48	29	31	39	28	28	43	-	-	-
03:45	-	-	-	39	41	46	45	47	53	40	42	47	28	30	36	31	34	40	32	35	49	-	-	-
04:00	-	-	-	46	45	61	40	43	50	41	42	50	30	33	42	33	35	46	31	34	44	-	-	-
04:15	-	-	-	43	45	50	43	46	52	42	44	47	31	30	46	32	31	48	32	34	47	-	-	-
04:30	-	-	-	43	45	48	41	45	48	43	45	51	28	29	34	31	33	39	35	34	63	-	-	-
04:45	-	-	-	43	44	50	44	46	55	45	46	53	32	36	45	34	38	45	32	35	51	-	-	-
05:00	-	-	-	43	44	49	42	44	50	44	45	48	32	35	45	35	38	47	31	33	43	-	-	-

Date	25/11/2022			26/11/2022			27/11/2022			28/11/2022			29/11/2022			30/11/2022			01/12/2022			02/12/2022		
Time Period	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)
05:15	-	-	-	44	46	49	40	41	49	46	47	55	35	38	47	36	38	46	34	38	48	-	-	-
05:30	-	-	-	44	45	48	39	41	45	47	48	55	35	39	44	36	38	44	32	35	45	-	-	-
05:45	-	-	-	43	45	49	41	42	49	47	49	56	35	39	47	37	40	48	36	38	56	-	-	-
06:00	-	-	-	44	45	52	40	41	48	47	48	50	34	36	46	38	41	45	37	40	56	-	-	-
06:15	-	-	-	43	45	50	41	42	47	47	48	53	36	40	47	40	42	51	39	41	49	-	-	-
06:30	-	-	-	45	47	51	40	41	46	48	50	55	40	44	57	40	44	51	40	43	49	-	-	-
06:45	-	-	-	47	48	51	41	43	49	49	50	57	42	45	53	42	45	49	42	45	50	-	-	-
07:00	-	-	-	47	49	55	46	44	73	50	52	64	42	45	52	44	46	55	43	46	52	-	-	-
07:15	-	-	-	48	50	55	43	46	58	50	52	59	43	46	65	44	47	52	44	47	50	-	-	-
07:30	-	-	-	50	51	56	45	47	59	51	52	55	42	45	51	46	48	58	47	49	52	-	-	-
07:45	-	-	-	49	51	56	44	47	57	52	54	63	43	46	50	45	47	53	47	49	53	-	-	-
08:00	-	-	-	49	50	57	44	46	51	51	52	57	44	46	50	46	48	51	47	48	51	-	-	-
08:15	-	-	-	51	52	66	43	46	51	51	52	55	44	46	59	58	61	73	47	49	54	-	-	-
08:30	-	-	-	50	51	54	44	46	64	52	53	62	43	46	55	52	50	68	46	48	52	-	-	-
08:45	-	-	-	51	52	54	45	47	53	53	54	65	42	44	60	46	48	53	46	47	66	-	-	-
09:00	-	-	-	50	51	56	46	48	61	52	53	56	45	48	57	51	54	67	45	48	55	-	-	-
09:15	-	-	-	51	52	56	46	48	55	52	53	69	44	47	53	45	48	56	45	47	65	-	-	-
09:30	-	-	-	52	53	60	47	50	56	53	53	71	44	47	52	52	58	65	44	47	52	-	-	-
09:45	-	-	-	52	53	62	48	50	54	52	53	59	43	46	60	44	47	54	43	46	52	-	-	-
10:00	-	-	-	51	52	58	47	49	57	51	53	55	42	44	63	63	67	74	44	46	58	-	-	-
10:15	-	-	-	50	51	57	47	49	53	51	52	55	44	47	56	48	51	63	44	46	55	-	-	-
10:30	-	-	-	49	51	53	48	50	60	50	52	61	44	46	60	45	47	55	42	45	49	-	-	-

Date	25/11/2022			26/11/2022			27/11/2022			28/11/2022			29/11/2022			30/11/2022			01/12/2022			02/12/2022		
Time Period	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)
10:45	-	-	-	49	51	59	48	49	68	48	50	58	43	46	53	45	48	57	45	49	61	49	49	65
11:00	54	53	71	49	51	58	47	49	54	47	50	55	44	47	54	50	47	67	47	47	59	42	45	52
11:15	49	51	57	48	50	54	48	50	58	46	49	54	44	47	56	45	47	59	54	54	55	44	47	59
11:30	50	50	65	48	50	54	47	49	52	49	50	66	45	47	63	45	48	61	54	54	63	48	51	66
11:45	48	50	54	49	51	57	47	48	61	47	50	53	45	46	68	47	50	59	53	54	59	43	47	53
12:00	49	50	53	50	52	57	47	49	53	47	49	53	43	45	52	48	50	70	52	54	55	42	45	51
12:15	49	50	60	50	52	57	47	50	55	48	49	62	43	46	50	48	49	68	52	54	60	41	44	51
12:30	50	50	65	49	51	56	48	49	70	48	50	56	45	47	61	44	47	53	47	49	60	42	46	50
12:45	49	51	53	50	52	55	46	48	53	48	50	65	45	47	60	47	48	64	44	47	54	43	46	48
13:00	49	51	57	49	51	55	47	49	54	47	49	57	43	46	56	44	47	59	43	45	54	42	45	51
13:15	49	51	56	49	51	55	62	63	80	49	50	65	43	46	49	44	47	55	42	45	51	45	46	62
13:30	49	51	55	50	52	61	64	68	75	48	50	59	49	50	65	48	51	58	42	45	53	44	47	56
13:45	48	49	53	50	52	57	58	60	77	52	52	71	51	54	63	46	48	64	42	45	55	44	47	59
14:00	49	50	56	49	52	55	48	51	55	55	49	75	51	55	60	44	47	60	42	45	58	42	45	49
14:15	50	51	60	48	50	53	50	54	59	47	49	58	49	52	56	44	46	54	43	45	61	45	48	51
14:30	50	51	64	49	51	55	-	-	-	46	48	51	43	45	52	45	48	55	41	44	48	51	48	71
14:45	49	51	56	49	51	54	61	67	71	47	49	57	44	47	51	48	49	62	42	45	50	46	47	61
15:00	49	50	55	49	51	55	68	72	79	48	50	54	45	48	56	-	-	-	42	45	51	43	46	54
15:15	50	52	57	48	51	55	49	50	57	49	50	54	52	56	64	-	-	-	48	51	62	45	47	53
15:30	50	51	64	48	50	59	47	49	63	49	51	56	45	48	52	49	52	58	43	46	51	44	47	50
15:45	51	51	71	49	51	55	47	49	54	48	50	53	48	49	67	45	48	52	47	47	65	45	48	55
16:00	51	52	64	48	50	54	47	49	53	48	49	63	45	48	62	44	47	52	43	46	56	-	-	-

Date	25/11/2022			26/11/2022			27/11/2022			28/11/2022			29/11/2022			30/11/2022			01/12/2022			02/12/2022		
Time Period	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)
16:15	50	51	61	47	49	53	47	49	66	47	49	62	45	47	56	46	47	62	49	47	72	-	-	-
16:30	51	52	61	48	49	53	45	47	51	49	51	64	45	47	50	43	46	55	42	45	49	-	-	-
16:45	51	52	60	48	50	63	47	49	61	47	49	56	44	47	50	46	46	64	42	45	52	-	-	-
17:00	50	52	57	48	50	56	46	48	62	44	47	53	45	48	51	44	47	50	42	45	51	-	-	-
17:15	50	52	55	47	49	55	45	47	52	43	46	54	44	47	50	44	47	51	41	44	51	-	-	-
17:30	50	51	54	47	49	53	45	48	55	42	45	49	44	46	50	47	47	64	41	44	47	-	-	-
17:45	50	51	56	48	50	54	44	47	50	47	46	64	45	47	50	45	47	50	41	44	48	-	-	-
18:00	50	52	55	49	51	54	44	46	52	42	45	48	43	46	52	45	47	51	42	45	49	-	-	-
18:15	49	51	55	51	54	58	43	45	54	42	44	48	43	46	49	45	48	54	-	-	-	-	-	-
18:30	51	52	57	51	53	60	43	46	51	43	45	52	43	46	50	43	46	54	-	-	-	-	-	-
18:45	50	51	55	50	53	56	42	45	53	42	45	49	43	46	50	43	46	48	-	-	-	-	-	-
19:00	49	51	58	51	53	60	43	45	51	39	43	49	41	44	48	43	46	50	-	-	-	-	-	-
19:15	49	51	54	52	55	61	44	46	51	38	42	49	40	44	48	41	45	47	-	-	-	-	-	-
19:30	48	50	59	51	54	60	44	46	51	37	41	46	40	44	49	41	44	48	-	-	-	-	-	-
19:45	48	50	52	50	53	56	44	46	52	37	42	46	41	45	51	40	44	48	-	-	-	-	-	-
20:00	48	50	55	49	51	60	43	46	50	37	41	47	38	43	49	41	44	48	-	-	-	-	-	-
20:15	48	49	57	49	52	55	43	46	50	37	41	45	40	43	49	41	44	49	-	-	-	-	-	-
20:30	46	48	51	48	50	54	44	45	57	37	41	56	38	42	48	40	43	50	-	-	-	-	-	-
20:45	47	49	55	47	50	55	44	46	49	36	39	45	40	44	49	39	43	49	-	-	-	-	-	-
21:00	46	48	52	47	50	63	45	47	49	38	41	62	40	44	48	39	41	55	-	-	-	-	-	-
21:15	47	49	56	48	51	57	45	47	54	40	43	51	41	44	48	40	43	52	-	-	-	-	-	-
21:30	46	47	53	49	52	57	44	46	49	34	38	43	39	43	47	37	41	48	-	-	-	-	-	-

Date	25/11/2022			26/11/2022			27/11/2022			28/11/2022			29/11/2022			30/11/2022			01/12/2022			02/12/2022		
Time Period	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)	L _{Aeq, 15m} (dB)	L _{A10, 15m} (dB)	L _{Amax} (dB)
21:45	46	48	52	49	52	57	43	45	48	35	38	45	38	42	47	40	44	50	-	-	-	-	-	-
22:00	46	48	54	49	51	56	42	45	50	34	38	45	37	41	50	38	41	46	-	-	-	-	-	-
22:15	47	48	57	50	52	60	40	43	48	35	39	52	37	41	47	39	43	50	-	-	-	-	-	-
22:30	45	47	55	50	52	56	41	43	48	35	38	48	36	41	46	38	42	48	-	-	-	-	-	-
22:45	46	48	52	53	55	61	40	42	48	36	39	51	38	43	48	40	44	52	-	-	-	-	-	-
23:00	44	47	54	52	54	58	40	43	49	36	40	47	37	42	51	37	42	50	-	-	-	-	-	-
23:15	45	47	57	53	56	63	39	41	48	38	42	50	36	41	47	39	43	52	-	-	-	-	-	-
23:30	44	46	50	51	54	60	39	42	49	34	37	48	39	41	55	35	39	48	-	-	-	-	-	-
23:45	45	47	51	50	53	59	40	42	46	35	39	47	35	37	50	35	40	47	-	-	-	-	-	-
*Measurements taken during periods of rain have not been included.																								

Table 7.1.2 Noise survey calibration information

Equipment	Model	Serial Number	Calibration Date
Sound Level Meter	01dB FUSION	11200	07/11/2022
External Microphone	GRAS 40CE	226400	07/11/2022
Calibrator	Brüel & Kjær - 4231	2385276	07/11/2022
Sound Level Meter	Rion NL-52	00620857	13/10/2021
Microphone	Rion UC-59	03693	13/10/2021
Calibrator	Rion – NC-74	35125804	13/10/2021