

Appendix 12.3

DMRB Noise Summary Tables

APPENDIX 12.3

DMRB NOISE SUMMARY TABLES (L_{A90} or L_{Aq} used where appropriate as indicated in chapter text)

		Residential		Commercial / Industrial		Community Facilities		Comments
		Preferred Route	Do Minimum	Preferred Route	Do Minimum	Preferred Route	Do Minimum	
Ambient Noise Band L _{A10,18hr} dB	<50							
Increase In Noise Level L _{A10,18hr} dB	1 < 3	1311	759	24	4	0	0	
	3 < 5	394	65	5	0	0	0	
	5 < 10	14	0	0	0	0	0	
	10 < 15	20	0	0	0	0	0	
	≥ 15	0	0	0	0	0	0	
Increase In Nuisance Level	< 10%	26	1652	5	35	0	0	
	10 < 20%	78	0	0	0	0	0	
	20 < 30%	1328	0	27	0	0	0	
	30 < 40%	319	0	3	0	0	0	
	≥ 40%	49	0	0	0	0	0	
Decrease In Noise Level L _{A10,18hr} dB	1 < 3	0	0	0	0	0	0	
	3 < 5	0	0	0	0	0	0	
	5 < 10	0	0	0	0	0	0	
	10 < 15	0	0	0	0	0	0	
	≥ 15	2	1	2	0	0	0	
Decrease In Nuisance Level	< 10%	2	149	2	2	0	0	
	10 < 20%	0	0	0	0	0	0	
	20 < 30%	0	0	0	0	0	0	
	30 < 40%	0	0	0	0	0	0	
	≥ 40%	0	0	0	0	0	0	

APPENDIX 12.3 cont.

		Residential		Commercial / Industrial		Community Facilities		Comments
		Preferred Route	Do Minimum	Preferred Route	Do Minimum	Preferred Route	Do Minimum	
Ambient Noise Band L _{A10,18hr} dB	50 -60							
	1 < 3	2313	2481	66	107	0	0	
Increase In Noise Level L _{A10,18hr} dB	3 < 5	695	627	58	13	0	0	
	5 < 10	101	142	18	3	0	0	
	10 < 15	13	1	2	5	0	0	
	≥ 15	0	0	0	0	0	0	
	< 10%	856	4503	15	186	0	1	
Increase In Nuisance Level	10 < 20%	618	37	14	5	0	0	
	20 < 30%	2167	0	66	0	0	0	
	30 < 40%	702	0	58	0	0	0	
	≥ 40%	79	0	37	0	1	0	
Decrease In Noise Level L _{A10,18hr} dB	1 < 3	358	42	12	1	0	0	
	3 < 5	46	1	2	0	0	0	
	5 < 10	6	0	0	0	0	0	
	10 < 15	0	0	0	0	0	0	
	≥ 15	0	0	0	0	0	0	
Decrease In Nuisance Level	< 10%	328	210	6	5	0	0	
	10 < 20%	0	0	0	0	0	0	
	20 < 30%	0	0	0	0	0	0	
	30 < 40%	0	0	0	0	0	0	
	≥ 40%	0	0	0	0	0	0	

APPENDIX 12.3 cont.

		Residential		Commercial / Industrial		Community Facilities		Comments
		Preferred Route	Do Minimum	Preferred Route	Do Minimum	Preferred Route	Do Minimum	
Ambient Noise Band L _{A10,18hr} dB	60 - 70							
Increase In Noise Level L _{A10,18hr} dB	1 < 3	447	573	61	29	1	1	Preferred Route: Chapelhall Football Pitches' noise level increases by 2dB(A) and, at Orchard Farm Pond the noise level increases by 6.4dB(A)
	3 < 5	97	454	3	65	0	0	
	5 < 10	33	216	2	10	1	1	
	10 < 15	2	0	3	0	0	0	
	≥ 15	0	0	0	0	0	0	
Increase In Nuisance Level	< 10%	204	1559	19	119	0	3	
	10 < 20%	104	246	10	29	1	1	
	20 < 30%	650	5	27	0	0	0	
	30 < 40%	481	0	71	0	1	0	
	≥ 40%	57	0	5	0	0	0	
Decrease In Noise Level L _{A10,18hr} dB	1 < 3	605	167	18	19	0	0	
	3 < 5	240	76	10	1	0	0	
	5 < 10	190	0	14	0	0	0	
	10 < 15	0	0	0	0	0	0	
	≥ 15	0	0	0	0	0	0	
Decrease In Nuisance Level	< 10%	529	311	39	28	2	0	
	10 < 20%	96	0	5	0	0	0	
	20 < 30%	0	0	0	0	0	0	
	30 < 40%	0	0	0	0	0	0	
	≥ 40%	0	0	0	0	0	0	

APPENDIX 12.3 cont.

		Residential		Commercial / Industrial		Community Facilities		Comments
		Preferred Route	Do Minimum	Preferred Route	Do Minimum	Preferred Route	Do Minimum	
Ambient Noise Band L _{A10,18hr} dB	>70							
Increase In Noise Level L _{A10,18hr} dB	1 < 3	43	34	13	13	0	0	
	3 < 5	0	18	0	4	0	0	
	5 < 10	0	0	0	0	0	0	
	10 < 15	0	0	0	0	0	0	
	≥ 15	0	0	0	0	0	0	
Increase In Nuisance Level	< 10%	13	210	2	32	0	1	
	10 < 20%	4	11	3	1	0	0	
	20 < 30%	104	0	12	0	0	0	
	30 < 40%	67	0	5	0	0	0	
	≥ 40%	0	0	0	0	0	0	
Decrease In Noise Level L _{A10,18hr} dB	1 < 3	128	59	9	14	0	0	
	3 < 5	2	0	2	0	0	0	
	5 < 10	85	0	21	0	0	0	
	10 < 15	0	0	0	0	0	0	
	≥ 15	0	0	0	0	0	0	
Decrease In Nuisance Level	< 10%	14	63	4	14	0	0	
	10 < 20%	81	0	21	0	1	0	
	20 < 30%	1	0	0	0	0	0	
	30 < 40%	0	0	0	0	0	0	
	≥ 40%	0	0	0	0	0	0	