

Appendix 12.2

Noise Summary Tables

Appendix A12.2 - DMRB Summary Tables

Table 1a-d: Summary of Residual Noise Changes at Ground Floor for each DMRB ambient noise band, within 300m of the Scheme.

Table 1a - Summary of Noise Changes at Ground Floor According to Noise Bands (<50dB) (300m)

Note: APR = Do-Something (i.e. With Proposed scheme), ARF = Do-Minimum (i.e. Without Proposed scheme)

Ambient Noise Band < 50dB	dB LA10(18hr)	Residential		Commercial/Industrial		Community Facilities	
		APR	ARF	APR	ARF	APR	ARF
Increase In Noise Level LA10,18hr 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	0	0	0	0	0	0
Increase In Nuisance Level	< 10%	0	0	0	0	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
Decrease In Noise Level LA10,18hr 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	0	0	0	0	0	0
Decrease In Nuisance Level	< 10%	0	0	0	0	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

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Ambient Noise Band < 50dB	dB LA10(18hr)	Residential		Commercial/Industrial		Community Facilities	
		APR	ARF	APR	ARF	APR	ARF
	>= 40%	0	0	0	0	0	0

Table 1b - Summary of Noise Changes at Ground Floor According to Noise Bands (50dB – 60dB) (300m)

Note: APR = Do-Something (i.e. With Proposed scheme), ARF = Do-Minimum (i.e. Without Proposed scheme)

Ambient Noise Band 50 – 60dB	LA10,18hr dB	Residential		Commercial/Industrial		Community Facilities	
		APR	ARF	APR	ARF	APR	ARF
Increase In Noise Level LA10,18hr dB	1 < 3	276	110	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	0	0	0	0	0	0
Increase In Nuisance Level	< 10%	1226	1382	4	5	0	0
	10 < 20%	163	0	1	0	0	0
	20 < 30%	1	0	0	0	0	0
	30 < 40%	0	0	0	0	0	0
	>=40%	0	0	0	0	0	0
Decrease In Noise Level LA10,18hr 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	0	0	0	0	0	0
Decrease In Nuisance Level	< 10%	0	1	0	0	0	0
	10 < 20%	0	0	0	0	0	0

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Ambient Noise Band 50 – 60dB	L _{A10,18hr} dB	Residential		Commercial/Industrial		Community Facilities	
		APR	ARF	APR	ARF	APR	ARF
	20 < 30%	0	0	0	0	0	0
	30 < 40%	0	0	0	0	0	0
	>= 40%	0	0	0	0	0	0

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Table 1d - Summary of Noise at Ground Floor Changes According to Noise Bands (>70dB)(300m)

Note: APR = Do-Something (i.e. With Proposed scheme), ARF = Do-Minimum (i.e. Without Proposed scheme)

Ambient Noise Band > 70 dB	L _{A10,18hr} dB	Residential		Commercial/Industrial		Community Facilities	
		APR	ARF	APR	ARF	APR	ARF
Increase In Noise Level L_{A10,18hr} dB	1 < 3	255	82	18	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	0	0	0	0	0	0
Increase In Nuisance Level	< 10%	257	424	20	31	0	0
	10 < 20%	147	0	11	0	0	0
	20 < 30%	20	0	0	0	0	0
	30 < 40%	0	0	0	0	0	0
	>=40%	0	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	0	0	0	0	0	0
Decrease In Nuisance Level	< 10%	0	0	0	0	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 A12.2 - DMRB Summary Tables

Table 2a-d: Summary of Residual Noise Changes at First Floor for each DMRB ambient noise band, within 300m of the scheme

Table 2a - Summary of Noise Changes at First Floor According to Noise Bands (<50dB) (300m)

Note: APR = Do-Something (i.e. With Proposed scheme), ARF = Do-Minimum (i.e. Without Proposed scheme)

Ambient Noise Band < 50dB	dB LA10(18hr)	Residential		Commercial/Industrial	
		APR	ARF	APR	ARF
Increase In Noise Level LA10,18hr dB	1 < 3	0	0	0	0
	3 < 5	0	0	0	0
	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	> =15	0	0	0	0
Increase In Nuisance Level	< 10%	0	0	0	0
	10 < 20%	0	0	0	0
	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>=40%	0	0	0	0
Decrease In Noise Level LA10,18hr dB	1 < 3	0	0	0	0
	3 < 5	0	0	0	0
	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	>= 15	0	0	0	0
Decrease In Nuisance Level	< 10%	0	0	0	0
	10 < 20%	0	0	0	0
	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>= 40%	0	0	0	0

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Table 2b - Summary of Noise Changes at First Floor According to Noise Bands (50dB – 60dB) (300m)

Note: APR = Do-Something (i.e. With Proposed scheme), ARF = Do-Minimum (i.e. Without Proposed scheme)

Ambient Noise Band 50 – 60dB	L _{A10,18hr} dB	Residential		Commercial/Industrial	
		APR	ARF	APR	ARF
Increase In Noise Level L _{A10,18hr} dB	1 < 3	142	55	0	0
	3 < 5	0	0	0	0
	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	> =15	0	0	0	0
Increase In Nuisance Level	< 10%	849	957	3	3
	10 < 20%	110	0	0	0
	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>=40%	0	0	0	0
Decrease In Noise Level L _{A10,18hr} dB	1 < 3	0	0	0	0
	3 < 5	0	0	0	0
	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	>= 15	0	0	0	0
Decrease In Nuisance Level	< 10%	0	0	0	0
	10 < 20%	0	0	0	0
	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>= 40%	0	0	0	0

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Table 2c - Summary of Noise Changes at First Floor According to Noise Bands (60dB – 70dB) (300m)

Note: APR = Do-Something (i.e. With Proposed scheme), ARF = Do-Minimum (i.e. Without Proposed scheme)

Ambient Noise Band 60 – 70dB	L _{A10,18hr} dB	Residential		Commercial/Industrial	
		APR	ARF	APR	ARF
Increase In Noise Level L _{A10,18hr} dB	1 < 3	804	162	13	2
	3 < 5	0	0	0	0
	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	> =15	0	0	0	0
Increase In Nuisance Level	< 10%	1546	1789	34	36
	10 < 20%	241	0	1	0
	20 < 30%	2	0	1	0
	30 < 40%	0	0	0	0
	>=40%	0	0	0	0
Decrease In Noise Level L _{A10,18hr} dB	1 < 3	0	0	0	0
	3 < 5	0	0	0	0
	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	>= 15	0	0	0	0
Decrease In Nuisance Level	< 10%	0	0	0	0
	10 < 20%	0	0	0	0
	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>= 40%	0	0	0	0

Appendix A12.2 - DMRB Summary Tables

Table 2d - Summary of Noise at First Floor Changes According to Noise Bands (>70dB) (300m)

Note: APR = Do-Something (i.e. With Proposed scheme), ARF = Do-Minimum (i.e. Without Proposed scheme)

Ambient Noise Band > 70 dB	L _{A10,18hr} dB	Residential		Commercial/Industrial	
		APR	ARF	APR	ARF
Increase In Noise Level L _{A10,18hr} dB	1 < 3	327	533	24	37
	3 < 5	206	0	13	0
	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	> =15	0	0	0	0
Increase In Nuisance Level	< 10%	0	0	0	0
	10 < 20%	0	0	0	0
	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>=40%	0	0	0	0
Decrease In Noise Level L _{A10,18hr} dB	1 < 3	0	0	0	0
	3 < 5	0	0	0	0
	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	>= 15	0	0	0	0
Decrease In Nuisance Level	< 10%	327	533	24	37
	10 < 20%	206	0	13	0
	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>= 40%	0	0	0	0