Appendix 12.2 Noise 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	dB L _{A10(18hr)}	Residentia	I	Commercial/Industria I		Community Facilities	
< 50dB	-A10(18nr)	APR	ARF	APR	ARF	APR	ARF
	1 < 3	0	0	0	0	0	0
Increase In	3 < 5	0	0	0	0	0	0
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0	0	0
-A10,18nr CD	10 < 15	0	0	0	0	0	0
	> =15	0	0	0	0	0	0
	< 10%	0	0	0	0	0	0
Increase In	10 < 20%	0	0	0	0	0	0
Nuisance	20 < 30%	0	0	0	0	0	0
	30 < 40%	0	0	0	0	0	0
	>=40%	0	0	0	0	0	0
	1 < 3	0	0	0	0	0	0
Decrease In	3 < 5	0	0	0	0	0	0
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0	0	0
LA10,18hr GD	10 < 15	0	0	0	0	0	0
	>= 15	0	0	0	0	0	0
Decrease In Nuisance	< 10%	0	0	0	0	0	0
Level	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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Appendix A12.2 - DMRB Summary Tables

Ambient Noise Band < 50dB	dB L _{A10(18hr)}	Residential		Commercial/Industria I		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	L _{A10,18hr} Residential		I	Commercial/Industria I			Community Facilities	
50 – 60dB	uв	APR	ARF	APR	ARF	APR	ARF	
	1 < 3	276	110	0	0	0	0	
Increase In	3 < 5	0	0	0	0	0	0	
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0	0	0	
-A10,18hr -	10 < 15	0	0	0	0	0	0	
	> =15	0	0	0	0	0	0	
	< 10%	1226	1382	4	5	0	0	
Increase In	10 < 20%	163	0	1	0	0	0	
Nuisance Level	20 < 30%	1	0	0	0	0	0	
	30 < 40%	0	0	0	0	0	0	
	>=40%	0	0	0	0	0	0	
	1 < 3	0	0	0	0	0	0	
Decrease In	3 < 5	0	0	0	0	0	0	
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0	0	0	
LATO, Tenr GD	10 < 15	0	0	0	0	0	0	
	>= 15	0	0	0	0	0	0	
Decrease In Nuisance	< 10%	0	1	0	0	0	0	
Level	10 < 20%	0	0	0	0	0	0	

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Ambient Noise Band	L _{A10,18hr} dB	Residential		Commercial/Industria		Community Facilities	
50 – 60dB	ub	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

Appendix A12.2 - DMRB Summary Tables

Table 1c - Summary of Noise Changes at Ground 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	L _{A10,18hr} dB	Residentia	I	Commercial/Industria I		Community Facilities	
60 – 70dB		APR	ARF	APR	ARF	APR	ARF
	1 < 3	792	161	17	2	0	0
Increase In	3 < 5	0	0	0	0	0	0
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0	0	0
LATO, TONE CD	10 < 15	0	0	0	0	0	0
	> =15	0	0	0	0	0	0
	< 10%	1153	1467	34	40	0	0
Increase In	10 < 20%	266	0	5	0	0	0
Nuisance	20 < 30%	48	0	1	0	0	0
	30 < 40%	0	0	0	0	0	0
	>=40%	0	0	0	0	0	0
	1 < 3	0	0	0	0	0	0
Decrease In	3 < 5	0	0	0	0	0	0
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0	0	0
	10 < 15	0	0	0	0	0	0
	>= 15	0	0	0	0	0	0
	< 10%	0	0	0	0	0	0
Decrease In	10 < 20%	0	0	0	0	0	0
Nuisance Level	20 < 30%	0	0	0	0	0	0
	30 < 40%	0	0	0	0	0	0
	>= 40%	0	0	0	0	0	0

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	L _{A10,18hr}	Residential		Commercial/Industria		Community Facilities	
> 70 dB	aв	APR	ARF	APR	ARF	APR	ARF
	1 < 3	255	82	18	0	0	0
Increase In	3 < 5	0	0	0	0	0	0
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0	0	0
	10 < 15	0	0	0	0	0	0
	> =15	0	0	0	0	0	0
	< 10%	257	424	20	31	0	0
Increase In	10 < 20%	147	0	11	0	0	0
Nuisance Level	20 < 30%	20	0	0	0	0	0
	30 < 40%	0	0	0	0	0	0
	>=40%	0	0	0	0	0	0
	1 < 3	0	0	0	0	0	0
Decrease In	3 < 5	0	0	0	0	0	0
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0	0	0
LATO, Tenr GD	10 < 15	0	0	0	0	0	0
	>= 15	0	0	0	0	0	0
	< 10%	0	0	0	0	0	0
Decrease In	10 < 20%	0	0	0	0	0	0
Nuisance Level	20 < 30%	0	0	0	0	0	0
	30 < 40%	0	0	0	0	0	0
	>= 40%	0	0	0	0	0	0

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	dB	Residentia	Residential		Commercial/Industria		
< 50dB	L _{A10(18hr)}	APR	ARF	APR	ARF		
	1 < 3	0	0	0	0		
Increase In	3 < 5	0	0	0	0		
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0		
	10 < 15	0	0	0	0		
	> =15	0	0	0	0		
	< 10%	0	0	0	0		
Increase In	10 < 20%	0	0	0	0		
Nuisance Level	20 < 30%	0	0	0	0		
	30 < 40%	0	0	0	0		
	>=40%	0	0	0	0		
	1 < 3	0	0	0	0		
Decrease In	3 < 5	0	0	0	0		
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0		
	10 < 15	0	0	0	0		
	>= 15	0	0	0	0		
	< 10%	0	0	0	0		
Decrease In	10 < 20%	0	0	0	0		
Nuisance Level	20 < 30%	0	0	0	0		
	30 < 40%	0	0	0	0		
	>= 40%	0	0	0	0		

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

Note: APR = Do-Something (i.e. With Proposed scheme), ARF = Do-Minimum (i.e. With	thout
Proposed scheme)	

Ambient Noise Band	L _{A10,18hr}	Residential		Commercial/Industria I	
50 – 60dB	uв	APR	ARF	APR	ARF
	1 < 3	142	55	0	0
Increase In	3 < 5	0	0	0	0
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0
	10 < 15	0	0	0	0
	> =15	0	0	0	0
	< 10%	849	957	3	3
Increase In	10 < 20%	110	0	0	0
Nuisance	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>=40%	0	0	0	0
	1 < 3	0	0	0	0
Decrease In	3 < 5	0	0	0	0
Noise Level L _{A10,18hr} dB	5 < 10	0	0	0	0
-A10,1011	10 < 15	0	0	0	0
	>= 15	0	0	0	0
	< 10%	0	0	0	0
Decrease In	10 < 20%	0	0	0	0
Nuisance	20 < 30%	0	0	0	0
	30 < 40%	0	0	0	0
	>= 40%	0	0	0	0

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

Note: APR = Do	-Something	(i.e. With Proposed sc	heme), ARF = Do-Mini	mum (i.e. Without
Proposed schei	me)			
			Commorgial/Industria	1

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

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/Industria	
		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