

Appendix 3.8 Assessment of Noise Sensitive Receivers Eligible for Indirect Technical Remedies

NSR	Floor	Criteria $L_{10}(B)(A)$ (1)	Noise Level $L_{10}(1-1-1-1)$ $hr)(dB)(A)$		Predicted Noise Level in 2022, $L_{10}(1-hr)(dB)(A)$			Criteria 1 (5) > (1)	Criteria 2 (5)-(2) 1.	Criteria 3 (5)-(4) 1.	Eligible for ITR (Yes / No)
			2004 (2)		New Road (3)	Existing Road (4)	Overall (5)				
SG1	1	70	74.6		64.2	73.3	73.8	Yes	No	No	No
	10		76.3		65.5	75.2	75.8	Yes	No	No	No
	20		75.2		65.4	74.2	74.7	Yes	No	No	No
	26		74.5		64.6	73.5	74.0	Yes	No	No	No
SG2	1	70	72.5		61.5	71.5	71.9	Yes	No	No	No
	10		72.8		63.3	71.9	72.5	Yes	No	No	No
	20		72.5		62.3	72.0	72.4	Yes	No	No	No
	30		72.6		61.3	72.3	72.6	Yes	No	No	No
	31		72.6		61.3	72.3	72.6	Yes	No	No	No
SG3	10	70	72.3		60.4	72.1	72.3	Yes	No	No	No
	20		72.9		62.8	72.1	72.6	Yes	No	No	No
	30		73.0		62.3	72.4	72.8	Yes	No	No	No
	32		73.1		62.2	72.8	73.1	Yes	No	No	No
HTC1	1	70	76.7		50.7	78.0	78.0	Yes	Yes	No	No
	10		74.6		56.7	75.6	75.7	Yes	Yes	No	No
	20		73.6		59.5	74.0	74.1	Yes	No	No	No
	30		72.8		59.8	72.9	73.1	Yes	No	No	No
	32		72.6		59.7	72.8	73.0	Yes	No	No	No
	1		79.2		0.0	80.5	80.5	80.5	Yes	Yes	No
HTC2	10	70	75.6		0.0	76.9	76.9	Yes	Yes	No	No
	20		73.2		0.0	74.6	74.6	Yes	Yes	No	No
	30		71.7		0.0	73.0	73.0	Yes	Yes	No	No
	32		71.4		0.0	72.8	72.8	Yes	Yes	No	No
STH1	6	65	72.7		64.4	71.3	72.1	Yes	No	No	No
	1		81.1		53.2	82.5	82.5	Yes	Yes	No	No
STH2	6	65	79.4		53.1	80.8	80.8	Yes	Yes	No	No
	1		76.8		66.8	76.2	76.7	Yes	No	No	No
SKH1	6	65	78.8		68.0	77.6	78.0	Yes	No	No	No
	1		82.4		60.0	83.7	83.7	Yes	Yes	No	No
SKH2	6	65	78.9		59.8	80.2	80.2	Yes	Yes	No	No
	1		82.4		60.0	83.7	83.7	Yes	Yes	No	No

Appendix 3.8 Assessment of Noise Sensitive Receivers Eligible for Indirect Technical Remedies

NSR	Floor	Criteria L <sub>10</sub> dB(A) (1)	Noise Level L <sub>10</sub> (1- hr)dB(A)		Predicted Noise Level in 2022, L <sub>10</sub> (1-hr)dB(A)			Criteria 1 (5) > (1)	Criteria 2 (5)-(2) 1.	Criteria 3 (5)-(4) 1.	Eligible for ITR (Yes / No)
			2004 (2)		New Road (3)	Existing Road (4)	Overall (5)				
PTE2	1	70	71.8		60.5	72.0	72.3	Yes	No	No	No
	10		74.7		60.9	75.2	75.4	Yes	No	No	No
	20		74.1		61.1	74.4	74.6	Yes	No	No	No
	30		73.9		61.6	73.7	74.0	Yes	No	No	No
	38		73.6		61.5	73.3	73.5	Yes	No	No	No
PTE3	10	70	74.1		62.4	74.2	74.5	Yes	No	No	No
	20		73.9		62.2	73.8	74.1	Yes	No	No	No
	30		73.6		62.1	73.4	73.8	Yes	No	No	No
	38		73.4		61.9	73.2	73.5	Yes	No	No	No
	1		75.1		65.9	74.3	74.9	Yes	No	No	No
PTE4	10	70	75.7		65.9	75.2	75.7	Yes	No	No	No
	20		75.5		65.5	74.6	75.1	Yes	No	No	No
	30		75.0		65.0	74.1	74.6	Yes	No	No	No
	38		74.7		64.8	73.7	74.2	Yes	No	No	No
	1		77.0		47.5	67.1	67.2	Yes	No	No	No
SAG1	5	65	77.4		56.3	66.9	67.2	Yes	No	No	No
	1		70.0		56.2	71.4	71.5	Yes	Yes	No	No
HNK1	5	65	69.8		53.3	71.2	71.3	Yes	Yes	No	No
	1		73.3		67.1	62.8	68.5	Yes	No	Yes	No
SAP1	5	65	74.0		67.8	62.6	69.0	Yes	No	Yes	No
	10		75.1		66.8	70	71.7	Yes	No	Yes	No
EHC1	20	70	76.1		66.6	73.8	74.6	Yes	No	No	No
	30		75.1		65.7	72.9	73.7	Yes	No	No	No
	40		74.3		65.1	72.2	73.0	Yes	No	No	No
	45		73.9		65.2	71.7	72.6	Yes	No	No	No

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NSR	Floor	Criteria L <sub>10</sub> dB(A) (1)	Noise Level L <sub>10</sub> (1- hr)dB(A)		Predicted Noise Level in 2022, L <sub>10</sub> (1-hr)dB(A)			Criteria 1 (5) > (1)	Criteria 2 (5)-(2) 1.	Criteria 3 (5)-(4) 1.	Eligible for ITR (Yes / No)
			2004 (2)		New Road (3)	Existing Road (4)	Overall (5)				
EHC2	10	70	74.6	71.1	63.4	71.1	71.8	Yes	No	No	No
	10	70	75.5	76.1	61.2	76.1	76.2	Yes	No	No	No
	20		73.8	73.9	61.9	73.9	74.2	Yes	No	No	No
	30		72.8	72.4	61.7	72.4	72.8	Yes	No	No	No
	40		71.9	71.3	62.3	71.3	71.8	Yes	No	No	No
	46		71.4	70.7	62.6	70.7	71.4	Yes	No	No	No
EHC4	10	70	74.2	73.7	59.0	73.7	73.9	Yes	No	No	No
	20		73.2	72.7	59.0	72.7	72.9	Yes	No	No	No
	30		72.3	71.7	58.5	71.7	71.9	Yes	No	No	No
	40		71.5	71.0	58.7	71.0	71.2	Yes	No	No	No
			76.7	75.7	67.4	75.7	76.3	Yes	No	No	No
EHC5	10	70	74.8	73.4	64.5	73.4	73.9	Yes	No	No	No
	20		73.7	71.8	64.7	71.8	72.6	Yes	No	No	No
	30		72.7	70.8	64.3	70.8	71.6	Yes	No	No	No
	40		72.2	70.2	64.0	70.2	71.1	Yes	No	No	No
	46		73.8	74.3	64.8	74.3	74.8	Yes	Yes	No	No
YT2	10	70	71.8	72.2	64.0	72.2	72.8	Yes	Yes	No	No
	20		70.2	70.5	62.5	70.5	71.2	Yes	Yes	No	No
YT3	1	70	71.7	72.9	57.8	72.9	73.0	Yes	Yes	No	No
	10		71.3	72.8	56.7	72.8	72.9	Yes	Yes	No	No
	20		69.6	71.0	55.4	71.0	71.1	Yes	Yes	No	No