

**Appendix 4.18**  
**Eligibility Assessment for**  
**Indirect Technical Remedies**

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NSR ID	Level	mPD	Prevailing Noise in 2008 (a)	Predicted Noise Level, L10(1-hr) dB(A)		Overall (c)	Eligibility Assessment			
				New Road	Existing Road (b)		(c) - (a) ≥ 1.0?	(c) - (b) ≥ 1.0?	Eligibility?	
N2	1	25.2	76.7	-	66.4	66.4	NO	NO	NO	
	5	36.4	75.8	-	73.2	73.2	NO	NO	NO	
	10	50.4	74.9	-	74.8	74.8	NO	NO	NO	
	15	64.4	74.3	-	74.4	74.4	NO	NO	NO	
	20	78.4	73.8	-	73.8	73.8	NO	NO	NO	
	25	92.4	73.4	-	73.3	73.3	NO	NO	NO	
	30	106.4	73.0	-	72.9	72.9	NO	NO	NO	
	35	120.4	72.7	-	72.5	72.5	NO	NO	NO	
	40	134.4	72.3	-	72.2	72.2	NO	NO	NO	
	42	140.0	72.2	-	72.1	72.1	NO	NO	NO	
	N3	1	8.9	86.9	-	87.1	87.1	YES	NO	NO
		5	20.1	85.9	-	85.5	85.5	YES	NO	NO
10		34.1	84.3	-	83.8	83.8	YES	NO	NO	
12		39.7	83.9	-	83.3	83.3	YES	NO	NO	
1		8.9	85.0	-	84.5	84.5	YES	NO	NO	
N4	5	20.1	84.0	-	83.7	83.7	YES	NO	NO	
	10	34.1	83.3	-	82.9	82.9	YES	NO	NO	
	15	48.1	82.7	-	82.1	82.1	YES	NO	NO	
	18	56.5	82.3	-	81.6	81.6	YES	NO	NO	
	1	8.9	83.6	-	83.4	83.4	YES	NO	NO	
	5	20.1	84.0	-	83.6	83.6	YES	NO	NO	
N5	10	34.1	83.4	-	82.8	82.8	YES	NO	NO	
	15	48.1	82.8	-	82.1	82.1	YES	NO	NO	
	20	62.1	82.2	-	81.5	81.5	YES	NO	NO	
	22	67.7	82.0	-	81.2	81.2	YES	NO	NO	
	1	8.9	84.9	-	85.2	85.2	YES	NO	NO	
	5	20.1	84.2	-	83.8	83.8	YES	NO	NO	
N6	10	34.1	83.3	-	82.6	82.6	YES	NO	NO	
	15	48.1	82.5	-	81.8	81.8	YES	NO	NO	
	20	62.1	81.9	-	81.1	81.1	YES	NO	NO	
	21	64.9	81.8	-	81.0	81.0	YES	NO	NO	
	1	8.9	85.3	-	83.3	83.3	YES	NO	NO	
	5	20.7	84.1	-	81.6	81.6	YES	NO	NO	
N7	10	34.7	83.0	-	80.3	80.3	YES	NO	NO	
	15	48.7	82.1	-	79.4	79.4	YES	NO	NO	



NSR ID	Level	mPD	Prevailing Noise in 2008 (a)	Predicted Noise Level, L <sub>10</sub> (1-hr) dB(A)		Overall (c)	Eligibility Assessment			
				New Road	Existing Road (b)		(c) > limit ?	(c) - (a) ≥ 1.0 ?	(c) - (b) ≥ 1.0 ?	Eligibility ?
N15	1	8.2	69.5	48.1	67.5	67.5	NO	NO	NO	NO
	2	11.0	71.4	49.9	69.4	69.4	NO	NO	NO	NO
	3	13.7	73.3	51.2	71.5	71.6	YES	NO	NO	NO
	4	16.5	76.0	53.0	73.5	73.5	YES	NO	NO	NO
N16	1	9.2	70.7	54.0	62.0	62.6	NO	NO	NO	NO
	5	20.4	80.4	51.7	68.2	68.3	NO	NO	NO	NO
	10	34.4	80.9	56.3	70.8	70.9	YES	NO	NO	NO
	15	48.4	80.1	61.6	70.7	71.2	YES	NO	NO	NO
	20	62.4	79.3	62.5	70.3	70.9	YES	NO	NO	NO
	25	76.4	78.5	62.5	69.8	70.5	YES	NO	NO	NO
	30	90.4	77.9	62.6	69.3	70.2	NO	NO	NO	NO
N17	1	9.5	68.4	48.9	46.2	50.7	NO	NO	YES	NO
	5	20.7	77.7	49.3	48.7	52.0	NO	NO	YES	NO
	10	34.7	79.1	51.2	56.4	57.5	NO	NO	YES	NO
	15	48.7	78.4	53.9	61.4	62.1	NO	NO	NO	NO
	20	62.7	77.7	56.8	63.4	64.2	NO	NO	NO	NO
	25	76.7	77.0	58.0	63.3	64.4	NO	NO	YES	NO
	30	90.7	76.3	58.6	63.1	64.4	NO	NO	YES	NO
	35	104.7	75.7	59.1	62.9	64.4	NO	NO	YES	NO
	40	118.7	75.3	59.5	63.0	64.6	NO	NO	YES	NO
	44	129.9	74.9	59.7	63.2	64.8	NO	NO	YES	NO
N17-A	1	9.5	68.1	50.4	31.6	50.5	NO	NO	YES	NO
	5	20.7	78.0	51.6	32.8	51.6	NO	NO	YES	NO
	10	34.7	79.6	53.0	34.6	53.1	NO	NO	YES	NO
	15	48.7	78.7	54.5	36.8	54.6	NO	NO	YES	NO
	20	62.7	77.8	56.0	39.6	56.1	NO	NO	YES	NO
	25	76.7	77.0	57.5	42.2	57.6	NO	NO	YES	NO
	30	90.7	76.3	59.1	43.8	59.2	NO	NO	YES	NO
	35	104.7	75.7	60.5	44.3	60.6	NO	NO	YES	NO
	40	118.7	75.1	61.5	44.6	61.6	NO	NO	YES	NO
	44	129.9	74.7	62.2	44.6	62.2	NO	NO	YES	NO
N18	1	13.7	72.7	53.7	45.2	54.3	NO	NO	YES	NO
	5	24.3	81.7	55.1	47.2	55.8	NO	NO	YES	NO
	10	37.6	81.0	57.0	51.2	58.0	NO	NO	YES	NO
	15	50.8	79.9	58.9	55.0	60.4	NO	NO	YES	NO
	20	64.1	78.9	60.9	56.3	62.2	NO	NO	YES	NO
	25	77.3	78.1	63.0	56.8	64.0	NO	NO	YES	NO
	27	82.6	77.8	63.7	56.9	64.5	NO	NO	YES	NO



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				New Road	Existing Road (b)	Overall (c)	(c) > limit ?	(c) - (a) ≥ 1.0 ?	(c) - (b) ≥ 1.0 ?	Eligibility ?
N22	1	8.2	69.9	--	70.0	70.0	NO	NO	NO	NO
	5	19.4	76.3	--	76.3	76.3	YES	NO	NO	NO
	10	33.4	78.9	--	79.0	79.0	YES	NO	NO	NO
	15	47.4	78.7	40.1	78.6	78.6	YES	NO	NO	NO
	20	61.4	78.1	41.5	78.0	78.0	YES	NO	NO	NO
	25	75.4	77.5	42.9	77.4	77.4	YES	NO	NO	NO
N23	1	9.2	68.5	--	68.8	68.8	NO	NO	NO	NO
	5	20.4	74.8	--	75.0	75.0	YES	NO	NO	NO
	10	34.4	76.1	--	76.3	76.3	YES	NO	NO	NO
	15	48.4	75.7	--	75.8	75.8	YES	NO	NO	NO
	20	62.4	75.1	--	75.2	75.2	YES	NO	NO	NO
	25	76.4	74.4	--	74.5	74.5	YES	NO	NO	NO

Note:

-- Noise level below 40 dB(A) would be considered negligible and hence not shown in the table.