

Alternative: Assuming Adoption of High Noise Corridor EPP Approach

ATTACHMENT 2B

NEUTRAL CONDITIONS MODELLING

National Meeting

(Proposed up to 3 days/year)

	La max	La1,15min	+75/80dba	Credits/day	La,eq,15min	+45/65dba	Credits/day	Total pd Credits
1. Majura Hall	98.3	97.5	17.5	1	78.5	13.5	3	4
2. End of Avonley St	95.5	94.7	14.7	1	76.1	11.1	2.5	3.5
3. Avonley	89.7	88.9	8.9	1	71.3	6.3	1.5	2.5
4. Cherryburn	89.2	88.4	8.4	1	70.5	5.5	1.5	2.5
5. Opposite Training Driver Centre	80.5	79.7	-0.3		60	-5		0
6. The Willows Baile	74	73.2	-6.8		52.6	-12.4		0
7. Hacket*	66.7	65.9	-9.1		45.6	0.6	0.5	0.5
8. Watson*	69	68.2	-6.8		47.6	2.6	0.5	0.5
9. Majura, Weber	87.5	86.7	6.7	1	68.3	3.3	1	2
10. Van Gelder	86.1	85.3	5.3	1	65.6	0.6	0.5	1.5
11. Van Gelder	87.1	86.3	6.3	1	66.3	1.3	0.5	1.5
12. Southwell	81.5	80.7	0.7	1	61.3	-3.7		1
13. Dove Cottage	74.7	73.9	-6.1		55.3	-9.7		0
14. Airport	64.1	63.3	-16.7		47.5	-17.5		0
15. Malcolm Vale	80.6	79.8	-0.2		60.4	-4.6		0
16. 1.9km east of Runway	79.3	78.5	-1.5		58.3	-6.7		0
17. Keir	98.6	97.8	17.8	1	77	12	2.5	3.5
18. Campbell*	76.4	75.6	0.6	1	57.3	12.3	2.5	3.5

NEUTRAL CONDITIONS MODELLING

Regional Meeting

(Proposed 10 days/yr (= Four 1 day, Three 2 day))

	La max	La1,15min	+75/80dba	Credits/day	La,eq,15min	+45/65dba	Credits/day	Total pd Credits
1. Majura Hall	87	87	7	1	72.9	7.9	2	3
2. End of Avonley St	85.9	85.9	5.9	1	70.8	5.8	1.5	2.5
3. Avonley	80.8	80.8	0.8	1	67.9	2.9	1	2
4. Cherryburn	75.4	75.4	-4.6		66	1	0.5	0.5
5. Opposite Training Driver Centre	65.9	65.9	-14.1		52.8	-12.2		0
6. The Willows Baile	53.1	53.1	-26.9		39	-26		0
7. Hacket*	48.1	48.1	-26.9		34	-11		0
8. Watson*	47.5	47.5	-27.5		32.4	-12.6		0
9. Majura, Weber	79.9	79.9	-0.1		63.7	-1.3		0
10. Van Gelder	77.9	77.9	-2.1		62.1	-2.9		0

11. Van Gelder	79.9	79.9	-0.1		62.9	-2.1		0
12. Southwell	73	73	-7		57	-8		0
13. Dove Cottage	66	66	-14		50.9	-14.1		0
14. Airport	48	48	-32		45.2	-19.8		0
15. Malcolm Vale	65.6	65.6	-14.4		54.6	-10.4		0
16. 1.9km east of Runway	64.3	64.3	-15.7		51.3	-13.7		0
17. Keir	91.4	91.4	11.4	1	73.5	8.5	2	3
18. Campbell*	60.5	60.5	-14.5		52.5	7.5	1.5	1.5

NEUTRAL CONDITIONS MODELLING

	Local Meeting				(Proposed 26 Days/year)			Total pd
	La max	La1,15min	+75/80dba	Credits/day	La,eq,15min	+45/65dba	Credits/day	Credits
1. Majura Hall	80.8	80.8	0.8	1	73	8	2	3
2. End of Avonley St	78.1	78.1	-1.9		70.2	5.2	1	1
3. Avonley	73.7	73.7	-6.3		67.3	2.3	0.5	0.5
4. Cherryburn	70.9	70.9	-9.1		66.3	1.3	0.5	0.5
5. Opposite Training Driver Centre	62.7	62.7	-17.3		54.7	-10.3		0
6. The Willows Baile	47.4	47.4	-32.6		39.3	-25.7		0
7. Hacket*	42.4	42.4	-32.6		34.4	-10.6		0
8. Watson*	41	41	-34		32.2	-12.8		0
9. Majura, Weber	71.7	71.7	-8.3		63	-2		0
10. Van Gelder	70.2	70.2	-9.8		61.6	-3.4		0
11. Van Gelder	71.5	71.5	-8.5		61.8	-3.2		0
12. Southwell	64.9	64.9	-15.1		56.4	-8.6		0
13. Dove Cottage	58.8	58.8	-21.2		50.8	-14.2		0
14. Airport	42.3	42.3	-37.7		45.3	-19.7		0
15. Malcolm Vale	62.7	62.7	-17.3		55.9	-9.1		0
16. 1.9km east of Runway	61.2	61.2	-18.8		52.8	-12.2		0
17. Keir	83.4	83.4	3.4	1	72.5	7.5	1.5	2.5
18. Campbell*	56.8	56.8	-18.2		52.8	7.8	2	2

NOTES: * denotes Residential (Zone G) - 45dba standard
Residential - Maximum allowable La,eq, 15min = 65dba
BOLD denotes maximum limit projected to be exceeded

Other Areas assume "High Noise Corridor" (Zone A) - 65dba standard, Max 75dba
Credit Scale - 0.5 credit for up to each 2.5dba over zone standard