

## **Appendix 4-2**

### **Road Traffic Noise Impact Assessment Results**

**Appendix 4-2-1 Road Traffic Noise Assessment Results for AM Peak Hour (Unmitigated Scenario Without Boundary Noise Barriers)**

Predicted Road Traffic Noise at Selected Sensitive Receivers, dB(A)

Floor	mPD	N01A	N01B	N02	N03	N04	N05	N06A	N06B	N07	N08	N09	N10A	N10B	N11A	N11B	N10C	N11C
G/F	5.40	68	65	68	67	66	64	71	73	71	72	72	73	68	69	68	71	70
1/F	9.00	68	65	68	67	66	65	71	73	71	72	72	73	68	69	68	71	70
Noise Criteria		70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70

Floor	mPD	N12	N13	N14A	N14B	N15A	N15B	N16A	N16B	N17A	N17B	N18A	N18B	N19	N20	N21	N22
G/F	5.40	65	67	69	69	66	67	68	68	68	68	66	66	67	66	69	69
1/F	9.00	65	67	69	69	66	67	68	68	68	68	66	66	67	66	69	69
Noise Criteria		70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70

*N.B. shaded cells denote noise level that will exceed limit of 70.5dB(A)*

## Appendix 4-2-2 Road Traffic Noise Assessment Results for AM Peak Hour (Mitigated Scenario With Boundary Noise Barriers)

Predicted Road Traffic Noise at Selected Sensitive Receivers, dB(A)

Floor	mPD	N01A	N01B	N02	N03	N04	N05	N06A	N06B	N07	N08	N09	N10A	N10B	N11A	N11B	N10C	N11C
G/F	5.40	54	51	56	56	55	55	56	58	58	58	58	57	54	57	56	-	-
1/F	9.00	66	64	63	60	58	58	65	66	63	65	65	67	66	67	67	-	-
Noise Criteria		70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70

Floor	mPD	N12	N13	N14A	N14B	N15A	N15B	N16A	N16B	N17A	N17B	N18A	N18B	N19	N20	N21	N22
G/F	5.40	55	57	56	58	66	67	67	68	68	68	66	66	67	66	69	69
1/F	9.00	61	64	68	69	66	67	67	68	68	68	66	66	67	66	69	69
Noise Criteria		70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70

*N.B. shaded cells denote noise level that will exceed limit of 70.5dB(A)*

*Fixed glazing/ blank facade is proposed for building façade at N10C and N11C. As these building facades are no longer noise sensitive, they are not tested in the noise assessment.*