

## Appendix 8.20

## Summary of Predicted 24-hour Average Railway Noise Levels

| NSR ID &<br>Noise Sensitive Receivers                          | Predicted Noise levels |                        | Assessment Goal,<br>dB(A)<br>(Leq,24 hour) |
|--|------------------------|------------------------|--|
|  | 1/F                    | Floor with Max. Impact |  |
| TAW-P1-1<br>(Festival City)                                    | 32                     | 45 (5/F)               | 55 <sup>[1]</sup>                          |
| TAW-P2-1<br>(Topside Property above Tai Wai Station)           | 35                     | 45 (8/F)               | 55 <sup>[1]</sup>                          |
| TAW-7-1<br>(Kam Cheong Building)                               | 38                     | 40 (5/F)               | 65   |
| TAW-8-1<br>(Blk 2, Grandway Garden)                            | 31                     | 35 (24/F)              | 65   |
| TAW-9-1<br>(Christian Alliance Cheng Wing Gee College)         | 43                     | 43 (1/F)               | 65   |
| TAW-10-1<br>(Holford Garden)                                   | 33                     | 33 (1/F)               | 65   |
| TAW-1-1<br>(Block 6, Carado Garden)                            | 32                     | 43 (28/F)              | 65   |
| TAW-2-1<br>(Shatin Heights)                                    | 45                     | 47 (8/F)               | 65   |
| TAW-3-1<br>(K K Terrace)                                       | 43                     | 45 (3/F)               | 65   |
| TAW-4-1<br>(Block 2&3, Woodcrest Hill)                         | 38                     | 42 (2/F)               | 65   |
| TAW-5-1<br>(Chan's Garden, The Blossom)                        | 41                     | 45 (2/F)               | 65   |
| TAW-5-2<br>(L Louey, The Blossom)                              | < 20                   | <20 (2/F)              | 65   |
| TAW-5-3 (Joyville)   | 45                     | 45 (1/F)               | 65   |
| TAW-6-1<br>(Hin Yiu House, Hin Keng Estate)                    | 37                     | 45 (34/F)              | 65   |
| TAW-6-2<br>(Carmel Alison Lam Primary School, Hin Keng Estate) | 39                     | 40 (7/F)               | 65   |
| TAW-6-3<br>(Hin Tak House, Hin Keng Estate)                    | 37                     | 46 (34/F)              | 65   |
| TAW-6-4<br>(Hin Yeung House, Hin Keng Estate)                  | 37                     | 46 (34/F)              | 65   |
| TAW-P1-2<br>(Festival City)                                    | 46                     | 49 (10/F)              | 65   |
| HUH-1-3<br>(Wing Fung Mansion)                                 | 40                     | 40 (4/F)               | 55 <sup>[1]</sup>                          |
| HUH-3-1<br>(Royal Peninsula)                                   | 43                     | 49 (30/F)              | 55 <sup>[1]</sup>                          |
| HUH-4-1  | 43                     | 43 (9/F)               | 55 <sup>[1]</sup>                          |

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|--|------------------------|------------------------|--|
|  | 1/F                    | Floor with Max. Impact |  |
| (Tower 2, The Metropolis Residence)            |                        |                        |  |
| HUH-4-2<br>(Tower 1, The Metropolis Residence) | 42                     | 42 (1/F)               | 55 <sup>[1]</sup>                          |
| HUH-8-1<br>(No. 2, Gillies Avenue South)       | 45                     | 45 (6/F)               | 55 <sup>[1]</sup>                          |
| HUH-10-1<br>(Tower 2, Harbourfront Horizon)    | 27                     | 48 (10/F)              | 65   |

Note: [1] A 10dB(A) is assumed as the noise contribution from existing East Rail Line and Intercity Train. To take into account the cumulative airborne noise impacts from the existing East Rail Line and Intercity Train, an assessment goal of ANL – 10 dB(A) is adopted.