

Appendix 5.2 Construction Noise Calculation – Unmitigated Scenario

NSR: MP6 - Planned Receiver at Village Zone

Remarks

- Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.
 - For the calculation of sound pressure levels (SPL), the PMEs adopted for the different construction activities are assumed to be placed at the notional source position of the corresponding construction site according to the 'Technical Memorandum on Noise from Construction Work other than Percussive Piling' by EPD.
 - The calculation of sound pressure level (SPL) is based on the notional source position in Dili, City (L70200 R 1112027 N 0120 E 09300 S 114° 00' 00" E).

¹² The calculation of sound pressure levels (SPL) for "operation of haul road/access road" is based on the procedures given in British Standard 5228:Part 1:1997 Noise Control on Construction and Open Sites (BS5228:Part 1).

[^]Construction activities would not be conducted simultaneously, therefore the max SPL among these activities would be used for the calculation of construction noise of that particular month. These activities include: activity no. 2 and 3 in month 9.

Noise Exceedance

The use of PME would not be visible when

viewed from the assessment facade of NSR. The NSR is considered to be totally screened. According to GW-TM, a noise reduction of 10 dB(A) would be achieved.

Appendix 5.2 Construction Noise Calculation – Unmitigated Scenario

NSR: NT2 - Yau Tam Mei Village House

Remarks:

1. Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.
 2. For the calculation of sound pressure levels (SPL), the PMEs adopted for the different construction activities are assumed to be placed at the notional source position of the corresponding construction site according to the 'Technical Memorandum on Noise from Construction Work other than Percussive Piling' by EPD.

Noise Exceedance

The use of PME would not be visible when viewed from the assessment facade of NSR. The NSR is considered to be totally screened. According to GW-TM, a noise reduction of 10 dB(A) would be achieved.

Appendix 5.2 Construction Noise Calculation – Unmitigated Scenario

NSR: SS9 - House 93, Seasons Villas

Remar

1. Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.
2. For the calculation of sound pressure levels (SPL), the PMEs adopted for the different construction activities are assumed to be placed at the notional source position of the corresponding construction site according to the 'Technical Memorandum on Noise from Construction Work other than Percussive Piling' by EPD.
3. The calculation of sound pressure levels (SPL) for "operation of haul road/access road" is based on the procedures given in British Standard 5228:Part 1:1997 Noise Control on Construction and Open Sites (BS5228:Part 1).

Noise Exceedance The use of RME wou

The use of PME would not be visible when viewed from the assessment facade of NSR. The NSR is considered to be totally screened. According to GTW-TM, a noise reduction of 10 dB(A) would be achieved.

Appendix 5.2 Construction Noise Calculation – Unmitigated Scenario

NSR: SM1 - Sau Shan House, Cheung Shan Estate

Remarks

- Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.
 - For the calculation of sound pressure levels (SPL), the PMEs adopted for the different construction activities are assumed to be placed at the notional source position of the corresponding construction site according to the 'Technical Memorandum on Noise from Construction Work other than Percussive Piling' by EPD.

Noise Exceedance

The use of PME would not be visible when viewed from the assessment facade of NSR. The NSR is considered to be totally screened. According to GW-TM, a noise reduction of 10 dB(A) would be achieved.

Appendix 5.2 Construction Noise Calculation – Unmitigated Scenario

NSR: KC2 - No. 1, Ha Kwai Chung Village

Remar

1. Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.
 2. For the calculation of sound pressure levels (SPL), the PMEs adopted for the different construction activities are assumed to be placed at the notional source position of the corresponding construction site according to the 'Technical Memorandum on Noise from Construction Work other than Percussive Piling' by EPD.

Noise Exceedance

The use of PME would not be visible when viewed from the assessment facade of NSR. The NSR is considered to be totally screened. According to GT-TM, a noise reduction of 10 dB(A) would be achieved.

Appendix 5-2 Construction Noise Calculation – Unmitigated Scenario

NSR: NC13 - HKIVE Haking Wong Waterfront Annex

Remarks

1. Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.
 2. For the calculation of sound pressure levels (SPL), the PMEs adopted for the different construction activities are assumed to be placed at the notional source position of the corresponding construction site according to the 'Technical Memorandum on Noise from Construction Work other than Percussive Piling' by EPD.

Noise Exceedance

The use of PME would not be visible when viewed from the assessment facade of NSR. The NSR is considered to be totally screened. According to GW-TM, a noise reduction of 10 dB(A) would be achieved.

Appendix 5.2 Construction Noise Calculation - Unmitigated Scenario

NSR: WK8 - Tower 3, The Waterfront

Remarks:

- Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.
 - For the calculation of sound pressure levels (SPL), the PMEs adopted for the different construction activities are assumed to be placed at the notional source position of the corresponding construction site according to the 'Technical Memorandum on Noise from Construction Work other than Percussive Piling' by EPD.

* The construction activity would be conducted at two different locations which would not be constructed simultaneously. Therefore, two different notional sources are considered in the month 4 - 8, 11-12 and 9 - 10.

Noise Exceedance
The use of PME would not be visible when

The use of PME was viewed from the a

viewed from the assessment facade of NSR. The NSR is considered to be totally screened. According to GW-TM, a noise

reduction of 10 dB(A) would be achieved.

Appendix 5-2 Construction Noise Calculation – Unmitigated Scenario

NSR: TS1 - Village House next to Tai Shu Ha Road West

Remarks:

1. Noise sources at more than 300m from the sensitive receiver are not considered in cumulative noise assessment due to large distance attenuation effect.

2. For the calculation of sound pressure levels (SPL), the PMEs adopted for the different construction activities are assumed to be placed at the notional source position of the corresponding construction site according to the 'Technical Memorandum on Noise from Construction Work other than Percussive Piling' by EPD.

Noise Exceedar

The use of PME would not be visible when viewed from the assessment facade of NSR. The NSR is considered to be totally screened. According to GWTM, a noise reduction of 10 dB(A) would be