# Appendix 5.15
Assessment of Residual Impacts

**Assessment of Residual Impacts**

| Criteria | Assessment |
|---|---|
| Effects on public health and health of biota or risk of life. | Not applicable. |
| Degree to which the adverse environmental impacts are reversible or irreversible. | Not applicable. |
| Magnitude of the adverse environmental impacts. | The residual impacts exceeding the road traffic noise criterion of 70dB(A) between 1 - 7dB(A) would occur at 6 NSRs (i.e. N5-6, N9-1, N18-1, N18-2, N18-3 and N18-4). However, as the mitigated noise impacts with Project in place is less than that in prevailing scenario at Year 2016 according to **Appendix 5.14**, the noise impact due to road traffic is larger in prevailing year than in Year 2037. Moreover, the project road contributions at the 6 NSRs are less than 1.0dB(A) according to **Appendix 5.14**. Therefore, the net road traffic noise impact at the concerned NSRs and the extent contributed by the Project is considered as insignificant. It could also be predicted that the mitigated case with project in place would have noise impacts less than that under without project in place. |
| Duration and frequency of the adverse environmental impacts. | |
| Geographic extent of the adverse environmental impacts. | The geographic extent of the adverse impacts from road traffic noise is anticipated to be localised close to the road junctions (i.e. Sha Ling Road and Man Kam To Road; and Man Kam To Road and Lin Ma Hang Road). |
| Likely size of the community or the environmental that may be affected by the adverse impacts. | About 30 dwellings in Man Kam To Road, Sha Ling Road and San Uk Ling would be subject to residual impacts with project road contribution less than 1dB(A). |
| Ecological context. | Not applicable. |
| Degree of disruption to sites of cultural heritage. | Not applicable. |
| International and regional importance. | The impacts are localized and not of international and regional importance. |
| Likelihood and degree of uncertainty of adverse environmental impacts. | The impacts predicted are based upon worst case assumptions and as such, might not occur to the extent predicted on all occasions. However, the assessment has been made using proven and widely adopted modelling techniques and the degree of certainty on the results is high. |