

Appendix M Investigation Report for Exceedances

Entrusted Portion of Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling Stage 2

Investigation Report of Environmental Quality Exceedance(s)

Ref. No.: A171208_24TSP

Date	8 December 2017
Time	--
Monitoring Location	SR77
Parameter	24-Hr Total Suspended Particulate
Action / Limit Levels	Action Level: 170.3µg/m ³ Limit Level: 260µg/m ³
Measured Level	202.7µg/m ³ (Action level being exceeded)
Possible reason for the exceedance	<p><u>Construction Works of Entrusted Portion</u></p> <p>The construction works being carried out within the Entrusted Portion during the monitoring period including road formation work profile barrier installation, which is located approximately 70 meters from the monitoring location at SR77. (Photo 1) These works are far away from the monitoring location and also the formworks are not dusty operations. According to the site wind availability data and HKO data (Photo 2), the prevailing wind direction was from North/ Northeast, while the construction site located on the eastern side of monitoring location.</p> <p>Hence, the works activities under Entrusted Portion during the monitoring period are not considered to be the major dust sources of the exceedance.</p> <p><u>Conclusion</u></p> <p>Hence, it is considered that the exceedance was unlikely due to the construction works of the Entrusted Portion.</p>

Action taken / to be taken	As the exceedance was non-project related, no further investigation and specific remedial measure(s) would be recommended for the Entrusted Works. Nevertheless, the following mitigation measures had been implemented on-site for dust suppression: <ol style="list-style-type: none">1. Any open stockpile of construction materials were covered with impervious sheet; and2. Sufficient watering was applied along the haul road.
Remarks	-

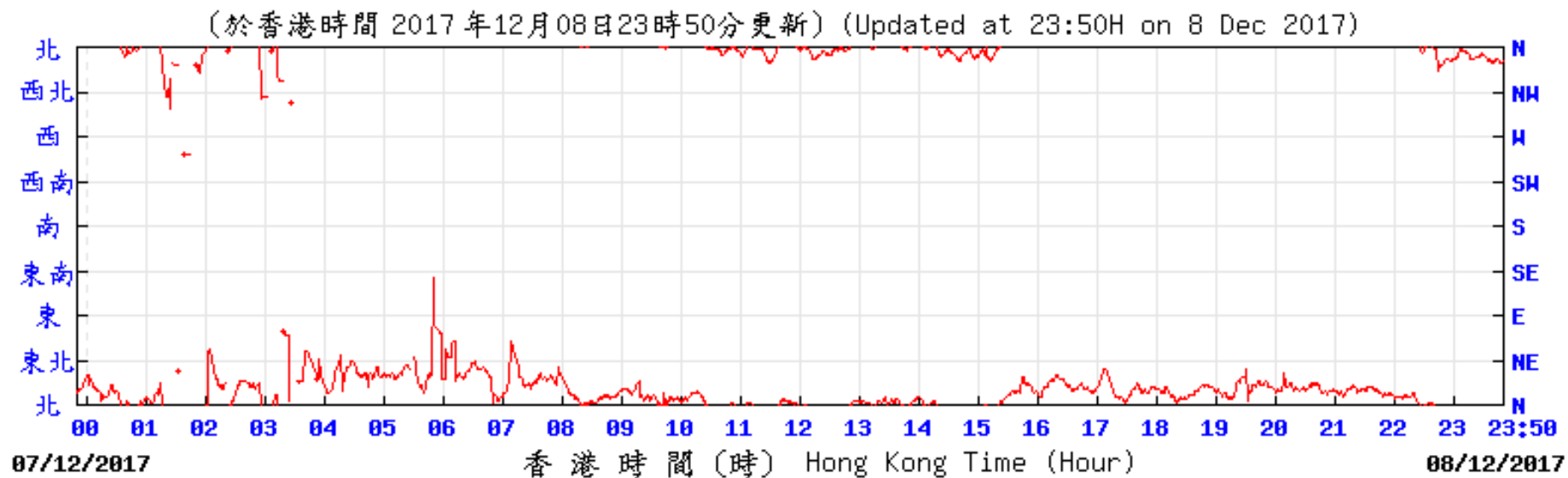
Photo 1: Site photo showing the construction works area and monitoring location (Date: 8 December 2017)



Distance:
Approximately 70m

Photo 2: Wind Direction at Ta Kwu Ling

Ta Kwu Ling:



TKLC

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