

Appendix M Investigation Report for Exceedance

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.: A160723_24TSP

Date	23 July 2016
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	172.3µg/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 construction of Pier AC4, which is located approximately 100 meters from the monitoring location at SR77, and the works being carried out at northern side of the site near Tong Hang East, which were at a much farther distance of more than 300 meters from the monitoring location at SR77. These works are far away from the monitoring location and also the formworks are not dusty operations. (refer to the attached location plan showing the works activities of the Entrusted Portion).</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>Disturbance during Monitoring</u></p> <p>Road works being carried out by another Contractor (under Contract No. TP/2010/02 Cycle Tracks From Sheung Shui to Ma On Shan) were observed within close proximity of the monitoring works. Excavation has been conducted during the monitoring period and exposed earth and stockpiles were found within close proximity of the monitoring station. (See Photo 1 and Photo 2)</p> <p>Such dusty materials may contribute to the dust sources being recorded by the high volume sampler.</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: Road Works observed near the Air Quality Monitoring Station (Date: 23 July 2016)



Photo 2: Excavated area and exposed earth near the monitoring location (Date: 23 July 2016)



