

**Environmental Permit No.: EP-451/2013**  
**Environmental Team for Trunk Road T2**

**Appendix M – Summary of Exceedance**

**Reporting Month:** December 2022

**(A) Exceedance Report for Air Quality**

One (1) Action Level and No Limit Level exceedance of 24hr TSP monitoring was recorded in this reporting month.

<b>Monitoring Station</b>	<b>Start Date</b>	<b>Conc. (<math>\mu\text{g}/\text{m}^3</math>)</b>	<b>Level exceeded</b>
<b>KTD2d</b>	17 December 2022	<b>203.9</b>	Action Level

**(B) Exceedance Report for Construction Noise**

**Action Level for Construction Noise**

No Action Level exceedance was recorded due to the documented complaint received in this reporting month.

**Limit Level for Construction Noise**

No exceedance for daytime construction noise monitoring was recorded in the reporting month.

**(C) Summary of Landscape and Visual Non-Conformity**  
**(NIL in the reporting month)**

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**- Notification of Exceedances**

NOE No. 221217\_24hrTSP (KTD2d)      **Exceedance Level: Action**

**Date of Air Quality Monitoring:** 17 December 2022

**Part A – Exceedance Summary Tables**

**Table I:            Parameter(s) – 24-hour TSP**

Station	Location	Starting Time	Weather Condition	Conc. (µg/m <sup>3</sup> )	Action Level (µg/m <sup>3</sup> )	Limit Level (µg/m <sup>3</sup> )	Level exceeded
KTD2d	Next to the SOR Office of Trunk Road T2 in Kai Tak Area	09:00	Sunny	<b><i>203.9</i></b>	157.0	260.0	Action

Note:                    ***Bold Italic*** means Action Level exceedance  
                              ***Bold Italic with underline*** means Limit Level exceedance

**Part B – Major Source of Parameter Monitored**

**Field Observation(s) and Finding(s)**

<p>(a) Statement of exceedance(s)  24-hour TSP monitoring measured at KTD2d on 17 December 2022 exceeded the Action level.</p>
<p>(b) Cause of exceedance(s)  According to the observation of our field staff on 18 December 2022, the major dust source(s) and/or reason(s) for exceedance identified at KTD2d is/are as follow:</p> <ol style="list-style-type: none"> <li>1. It observed that a stockpile of excavated dusty material with impervious sheet was not covered thoroughly from the construction site which did not belong to BTP. (See Photo 1 &amp; 2)</li> <li>2. Dry weather</li> </ol>

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**Photo Record (Photo Taken by ET)**



Photo 1



Photo 2

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##### **Part C – Conclusion**

Based on the finding(s) and observation(s) above, we deduce the Action Level exceedance of 24-hour TSP recorded at station KTD2d on 17 December 2022 is due to the construction activities which does not belong to BTP Therefore, the exceedance is considered as **non-project related**.

##### **Part D – Recommendation**

The following construction dust mitigation measures shall always to be implemented on site to reduce/ minimize the generation of dust due to the construction activities.

1. Watering of the construction areas 12 times per day to reduce dust emissions.
2. Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions.
3. Open stockpiles shall be avoided or covered.
4. Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations
5. Establishment and use of vehicle wheel and body washing facilities at the exit points of the site.
6. Imposition of speed controls for vehicles on unpaved site roads, 8 km per hour is the recommended limit

##### **Part E – Follow-up Action Taken**

According to the Event and Action Plan of the EM&A Manual of Trunk Road T2 project under EP-451/2013, the follow-up action of this exceedance is/are taken by ET as follow:

1. Informed the investigation result to other parties (i.e., IEC and ER).
2. ET will always pay attention to the implementation of mitigation measures by Contractor and advise the ER on the effectiveness of such measures.