

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

**Appendix M – Summary of Exceedance**

**Reporting Month:** January 2023

**(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>CKL2</b>	3 January 2023	<b>197.9</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. 230103\_24hrTSP (CKL2)      **Exceedance Level: Action**

**Date of Air Quality Monitoring:** 3 January 2023

**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
CKL2	Flat 103 Cha Kwo Ling Village	09:00	Sunny	<b><i>197.9</i></b>	183.0	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)**

(a) Statement of exceedance(s) 24-hour TSP monitoring measured at CKL2 on 3 January 2023 exceeded the action level.
(b) Cause of exceedance(s) According to the observation of our field staff and the information provided by ER and Contractor, the Investigation result for exceedance identified at CKL2 is/are as follow:  1. Fluctuation of road traffic along the Cha Kwo Ling Road. (Photo 1 & 2). 2. No major project related construction activities was observed during monitoring at CKL2.

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**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 CKL2 on 3 January 2023 is due to fluctuation of road traffic, therefore, the exceedance is considered as **non-project related**.

**Part D – Recommendation**

Although the exceedance is considered as non-project related, contractor is reminded that 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.
7. Use of regular watering to reduce dust emissions from exposed site surfaces and unpaved roads, particularly during dry weather.

**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.
3. An additional air quality monitoring was carried out on 10 January 2023, and no action and limit level exceedance was recorded. The monitoring results is tabulated as below:

Location CKL2 - Flat 103 Cha Kwo Ling Village				
Date	Time	Weather	Parameter	Particulate Concentration (µg/m3)
10-Jan-23	13:29	Light drizzle	1hr TSP	88.0
	14:29	Light drizzle		40.0
	15:29	Light drizzle		52.0