

**Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances** Notification No.: 239 ver 2

Date of Notification: 10 May 2017

Works Inspected: 1-hr TSP monitoring was undertaken on 10 May 2017

Monitoring Location: AMS5 – Ma Wan Chung Village & AMS6 – Dragonair Building

Parameter: 1-hour TSP monitoring

Action & Limit Level (AL & LL) / Measured Level:

PARAMETER	STATION	AL ($\mu\text{g}/\text{m}^3$)	LL ($\mu\text{g}/\text{m}^3$)	MEASURED LEVEL, $\mu\text{g}/\text{m}^3$
1-hr TSP (08:15 – 09:15 hours)	Ma Wan Chung Village (AMS5)	352	500	321
1-hr TSP (09:15 – 10:15 hours)	Ma Wan Chung Village (AMS5)	352	500	<u>704</u>
1-hr TSP (10:15 – 11:15 hours)	Ma Wan Chung Village (AMS5)	352	500	<u>719</u>
1-hr TSP (13:05 – 14:05 hours)	Dragonair Building (AMS6)	360	500	<u>569</u>
1-hr TSP (14:05 – 15:05 hours)	Dragonair Building (AMS6)	360	500	<u>499</u>
1-hr TSP (15:05 – 16:05 hours)	Dragonair Building (AMS6)	360	500	<u>477</u>

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

On 10 May 2017, two Limit Level exceedances of 1-hr TSP level were recorded at AMS5 (Ma Wan Chung Village) while two Action Level and one Limit Level exceedances of 1-hr TSP level were recorded at AMS6 (Dragonair Building).

According to the information provided by the Contractor, the following construction activities were undertaken during the sampling period:

Zone 1

- Removal of Surcharge
- Road and Drainage Construction

Zone 2

- Seawall Construction
- Box Culvert Construction
- Removal of Surcharge
- Road and Drainage Construction

Zones 3A, 3B and 3C

- Seawall Construction
- Transportation of fill material

The Contractor confirmed that water spraying had been provided for fill materials to maintain the entire surface in a damp condition before loading and unloading and haul roads were sprayed with water by water trucks regularly. The fill material in dump trucks were covered to avoid generating dust. During the site visit undertaken on 10 May 2017, no fugitive dust emission was observed by ET at the construction site near the monitoring stations.

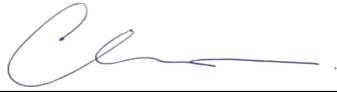
The Air Quality Health Index recorded by EPD at the Tung Chung station during the sampling period (8:00 to 16:00 hrs) ranged from 3 (low) to 10+ (serious). The general weather conditions in Tung Chung were sunny and haze with a low visibility during the sampling periods. The haze weather could cause higher readings of the portable dust meter. The measured 1-hr TSP levels recorded at AMS5 and AMS6 on next monitoring date (11 May 2017) were $42 \mu\text{g}/\text{m}^3$ and $43 \mu\text{g}/\text{m}^3$ respectively, which were below the Action and Limit Levels. It is considered that the exceedances are not related to the construction activities of the Contract and were caused by the weather condition.

Actions taken/ to be taken:

It was noted that the Contractor had implemented dust control measures throughout the construction phase. No fugitive dust emission was observed by ET on 10 May 2017 at construction site near the monitoring stations. It was noted that no

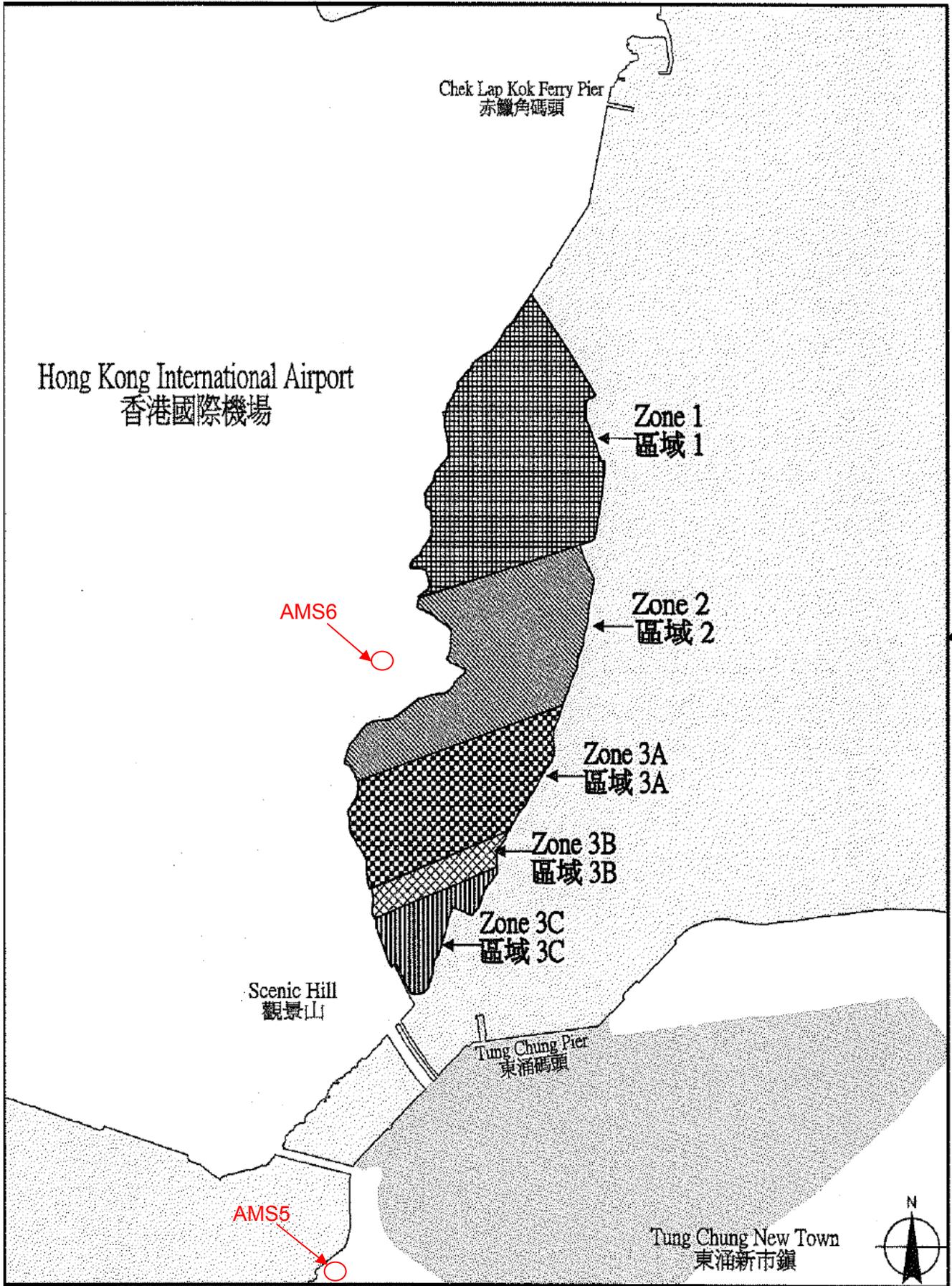
exceedances were recorded in subsequent 1-hr TSP monitoring on 11 May 2017. Therefore, no immediate actions are required. However, the Contractor is reminded to continuously implement the dust control measures throughout the construction phase.

Reviewed by : Claudine Lee Title : ET Leader



Date : 9 June 2017

Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO



Summary of Notifications of Summons and Prosecutions

Total No. of Notifications of Summons / Prosecutions Received	No. of Notifications of Summons / Prosecutions Received during Reporting Period	Status of Notifications of Summons / Prosecutions
0	0	N/A