

EXECUTIVE SUMMARY

1. This Baseline Air Quality and Noise Monitoring Report is prepared by Cinotech Consultants Ltd. for the Project “Environmental Monitoring Works for Kai Tak Development”. This report presents the baseline monitoring works performed in accordance with the EM&A Manual of Kai Tak Development Engineering Study cum Design and Construction of Advance Works – Investigation, Design and Construction EIA Study.
2. The baseline environmental monitoring works for the parameters of 1-hour and 24-hour Total Suspended Particulates (TSP) and noise conducted at each monitoring stations (as agreed with EPD) are as follows:

Air Quality Monitoring	
Designated Monitoring Stations	Baseline Monitoring Period
AM1(A) - Kai Tak Operational Base	4/9/2010 - 19/9/2010
AM2 - Lee Kau Yan Memorial School	5/9/2010 - 22/9/2010
AM3(A) - Holy Trinity Bradbury Centre	9/12/2010 - 22/12/2010
AM4(A) - EMSD Workshops	17/12/2010 - 30/12/2010
AM5(A) - Po Leung Kuk Ngan Po Ling College	5/10/2010 - 18/10/2010

Noise Monitoring	
Designated Monitoring Stations	Baseline Monitoring Period
M1 - Buddhist Chi King Primary School	31/8/2010 - 17/9/2010
M2 - S.K.H. Kowloon Bay Kei Lok Primary School	31/8/2010 - 17/9/2010
M3 - Rhythm Garden	17/12/2010
M4(A) - Kai Tak Operational Base	4/9/2010 - 23/9/2010

Noise Monitoring	
Designated Monitoring Stations	Baseline Monitoring Period
M5 - Lee Kau Yan Memorial School	31/8/2010 - 17/9/2010
M6(A) - Kowloon City District Kaifong Association	29/9/2010 - 12/10/2010
M7 - Holy Carpenter Primary School	29/9/2010 - 12/10/2010
M8 - CCC Kei To Secondary School	30/9/2010 - 13/10/2010
M9 - Po Leung Kuk Ngan Po Ling College	1/9/2010 - 18/9/2010

Baseline Monitoring Observations

Air Quality

3. Data collected was reviewed and analyzed to determine the Action and Limit Levels for air quality during impact monitoring throughout the construction of the Project. Details of the methodology, locations and results are presented in the report.
4. The baseline air quality monitoring data at all monitoring stations were all well below the EPD limit levels. The measured 1-hour average TSP levels were about 40 – 42% of the limit level of 500 $\mu\text{g}/\text{m}^3$, while the measured 24-hour average TSP levels were about 42 – 50% of the limit level of 260 $\mu\text{g}/\text{m}^3$.

Noise

5. Noise levels at the designated monitoring station were measured continuously for 24 hours for a period of 14 consecutive days. Monitoring data collected was reviewed and analyzed. Details of the locations and results are presented in this report.
6. During baseline noise monitoring, the major noise source was traffic noise. The measured average baseline noise levels at the monitoring stations were ranged from 61.3 dB(A) – 76.7 dB(A).

BASELINE AIR QUALITY AND NOISE MONITORING REPORT (FULL VERSION)

- Baseline Report Part (I) [[PDF](#) / [HTML](#)]
(For Air Quality Monitoring Stations: AM1(A), AM2, AM5(A) &
Noise Monitoring Stations: M1, M2, M4(A), M5, M6(A), M7, M8, M9)
- Baseline Report Part (II) [[PDF](#) / [HTML](#)]
(For Air Quality Monitoring Stations: AM3(A), AM4(A) &
Noise Monitoring Station: M3)