

## **EXECUTIVE SUMMARY**

### **Introduction**

1. This is the 12<sup>th</sup> Environmental Monitoring and Audit (EM&A) Report prepared by Cinotech Consultants Limited for the “Contract No. KLN/2010/04 - Environmental Monitoring Works for Kai Tak Development” (hereinafter called “the Project”). This report documents the findings of EM&A Works conducted in December 2011.
2. During the reporting month, the following works contracts were undertaken within Kai Tak Site:
  - KL/2009/01 - Site Formation for Kai Tak Cruise Terminal
  - KL/2008/09 - Stage 1 Infrastructure works at North Apron
  - KL/2008/07 - Stage 1 Advance Infrastructure Works
  - KL/2009/02 - Site Investigation for Trunk Road T2 and Infrastructure at South Apron (Stage 1)
  - CV/2007/03 - Development at Anderson Road
  - DC/2008/12 - Sewage Interception Scheme in Kowloon City
  - DC/2010/03 - Kai Tak Nullah Improvement Works at Prince Edward Road East
  - DC/2009/21 - Provision of Interception Facilities at Jordan Valley Box Culvert
  - 20090097 - Public Rental Housing Development at Kai Tak Site 1A
  - 20090006 - Public Rental Housing Development at Kai Tak Site 1B
  - 3/WSD/08, 6/WSD/08, 7/WSD/08 & 8/WSD/08 - Replacement and Rehabilitation of Water Mains Stages 2 & 3
  - SS W 303 - Kai Tak Cruise Terminal Building and Ancillary Facilities
  - CKL-KCT circuit 1&2 - CLPP (132kV cable installation)
  - 1016EM10 - Chilled Water Pipe Laying Works at North Apron Area for District Cooling System at Kai Tak Development
  - 1017EM10 - Design-Build-Operate a District Cooling System (Phase II Works) at Kai Tak Development
  - KL/2010/02 - Kai Tak Development – Kai Tak Approach Channel and Kwun Tong Typhoon Shelter Improvement Works (Phase 1)
  - KL/2010/03 - Kai Tak Development – Stage 2 Infrastructure Works at North Apron Area of Kai Tak Airport for Residential Development and Government Facilities)
  - 1049EM10 - Kai Tak Cruise Terminal Development – On-shore Sewage Collection, On-shore Fresh Water Supply, and Fire Hydrant Water Supply Systems
  - 1050EM10 - Design and Build of Seaport Passenger Boarding Bridges for the Kai Tak Cruise Terminal
  - 1140EM11M - Advance Works for the Apron Lighting System of the Kai

Tak Cruise Terminal

- DC/2011/04 - Reconstruction, Improvement and Rehabilitation of Kai Tak River from Wong Tai Sin Police Station to Tung Tau

3. Stockpiling of excavated & construction materials, storage of equipments, operation of concrete batching plant, business in the recovery and recycling and car parks, etc are the major activities for short term tenancy (STT) / temporary government land allocation (TGLA).

**Environmental Monitoring Works**

4. Environmental monitoring for the Project was performed in accordance with the EM&A Manual approved by Environmental Protection Department and the monitoring results were checked and reviewed. Site Inspections/Audits were conducted once per week. The implementation of the environmental mitigation measures, Event Action Plans and environmental complaint handling procedures were also checked.
5. Summary of the non-compliance in the reporting month for the Project is tabulated in Table I.

**Table I Non-compliance Record for the Project in the Reporting Month**

| Parameter | No. of Exceedance |             | Action Taken |
|-----------|-------------------|-------------|--------------|
|           | Action Level      | Limit Level |              |
| 1-hr TSP  | 0                 | 0           | N/A          |
| 24-hr TSP | 0                 | 0           | N/A          |
| Noise     | 0                 | 0           | N/A          |

*1-hour & 24-hour TSP Monitoring*

6. All 1-hour & 24-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded. The air quality monitoring results in December 2011 are presented in [Figure 1](#).

*Construction Noise*

7. All construction noise monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded. The noise monitoring results in December 2011 are presented in [Figure 2](#).

**Key Information in the Reporting Month**

8. Summary of key information in the reporting month is tabulated in Table II.

**Table II Summary Table for Key Information in the Reporting Month**

| Event  | Event Details |        | Action Taken | Status | Remark |
|--|---------------|--------|--------------|--------|--------|
|  | Number        | Nature |              |        |        |
| Complaint received                                   | 0             | ---    | N/A          | N/A    | ---    |
| Reporting Changes                                    | 0             | ---    | N/A          | N/A    | ---    |
| Notifications of any summons & prosecutions received | 0             | ---    | N/A          | N/A    | ---    |

### **Future Key Issues**

9. The future key environmental issues in the coming month include:
- Dust generation from stockpiles of dusty materials, exposed site area, excavation works and rock breaking activities;
  - Watering for dust generating activity and on haul road;
  - Proper storage of construction materials on site;
  - Storage of chemicals/fuel and chemical waste/waste oil on site;
  - Accumulation of general and construction waste on site;
  - Noise from operation of the equipment, especially for rock-breaking activities, piling works and machinery on-site;
  - Runoff from exposed slope;
  - Wastewater and runoff discharge from site;
  - Regular removal of silt, mud and sand along u-channels and sedimentation tanks; and
  - Review and implementation of temporary drainage system for the surface runoff.

EM&A REPORT FOR DECEMBER 2011 (FULL VERSION)

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