

EXECUTIVE SUMMARY

Introduction

1. This is the 30th 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 June 2013.
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
 - 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
 - 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)
 - 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
 - DC/2011/04 - Reconstruction, Improvement and Rehabilitation of Kai Tak River from Wong Tai Sin Police Station to Tung Tau
 - SS W304 – Design and Construction of Trade and Industry Tower in Kai Tak Development Area
 - 1048EM12M - Supply and Installation of Apron Low Voltage Power Supply Systems for the Kai Tak Cruise Terminal
 - SSA504 - Runway Park at Kai Tak, Kowloon City District - Phase 1
 - 1119EM12M – Apron Lighting System for Kai Tak Cruise Terminal
 - 1108A – Kai Tak Barging Point Facilities

- 1109 – Sha Tin to Central Link: Ma Tau Wai and To Kwa Wan Stations and Tunnels
 - New Kowloon Inland Lot No. 6515 – Kai Tak Flat-For-Flat Development
 - KL/2011/01 - Kai Tak Development –Reconstruction and Upgrading of Kai Tak Nullah
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 TSP monitoring was conducted as scheduled in the reporting month. For the monitoring at Station AM1(A) – Kai Tak Operational Base (KTOB), it was conducted at temporary alternative monitoring station - Outside Arup site office (KL/2008/09) on 6, 11, 17 and 21 June 2013. Since the relocation of air quality monitoring station from AM1(A) to AM1(B) – Contractor site office (KL/2008/09) was approved by EPD on 24 June 2013, the 1-hour TSP monitoring was conducted at AM1(B) from 27 June 2013 onward. No Action/Limit Level exceedance was recorded.
7. All 24-hour TSP monitoring was conducted as scheduled in the reporting month. For the monitoring at Station AM1(A) – Kai Tak Operational Base (KTOB), it was

conducted at temporary alternative monitoring station - Outside Arup site office (KL/2008/09) on 5, 10, 14 and 20 June 2013. Since the relocation of air quality monitoring station from AM1(A) to AM1(B) - Contractor Site Office (KL/2008/09) was approved by EPD on 24 June 2013, the 24-hour TSP monitoring will be conducted at AM1(B) from 1 July 2013 onward since the electricity supply was found unstable during the monitoring at AM1(B) at the end of June 2013. No Action/Limit Level exceedance was recorded.

8. The air quality monitoring results in June 2013 are presented in [Figure 1](#).

Construction Noise

9. All construction noise monitoring was conducted as scheduled in the reporting month. For the monitoring at Station M4(A) – Kai Tak Operational Base (KTOB), it was conducted at temporary alternative monitoring station - Outside Arup site office (KL/2008/09) on 6, 11 and 17 June 2013. Since the relocation of construction noise monitoring station from M4(A) to M4 - Cognitio College was approved by EPD on 24 June 2013, the construction noise monitoring was conducted at M4 from 27 June 2013 onward. No Action Level exceedance was recorded while a non-project related Limit Level exceedance was recorded on 27 June 2013.
10. The noise monitoring results in June 2013 are presented in [Figure 2](#).

Key Information in the Reporting Month

11. 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

12. 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 JUNE 2013 (FULL VERSION)

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