

EXECUTIVE SUMMARY

Introduction

1. This is the 1st Environmental Monitoring and Audit (EM&A) Report prepared by Castco Testing Center Limited (CTCL) for the “Contract No. KLN/2016/09 - Environmental Monitoring Works for Kai Tak Development” (hereinafter called “the Project”). This report documents the findings of EM&A Works conducted in March 2017.

2. During the reporting month, the following works contracts were undertaken within Kai Tak Site:
 - 1020EM12A - District Cooling System (DCS) at Kai Tak Development (KTD) Phase III (Package A)-Chilled Water Pipe Laying Works
 - 2477EM14A - District Cooling System (DCS) at Kai Tak Development (KTD) Phase III (Package B)-Water Pipe Laying Works
 - 2487EM14W - District Cooling System (DCS) at Kai Tak Development (KTD) Phase III (Package B)-Electrical and Mechanical Installation
 - 1107 - MTR Shatin to Central Link: Diamond Hill to Kai Tak Tunnels
 - 1108 - MTR Shatin to Central Link: Kai Tak Station and Associated Tunnels
 - 1109 - MTR Shatin to Central Link: Ma Tau Wai and To Kwa Wan Stations and Tunnels
 - 1123 - MTR Shatin to Central Link: Exhibition Station and Western Approach Tunnel
 - 20150362 - Construction of Home Ownership Scheme at Kai Tak Site 1G1(B)
 - 3/WSD/08, 6/WSD/08, 7/WSD/08 & 8/WSD/08 - Replacement and Rehabilitation of Water Mains Stages 2 & 3
 - KL/2011/01 - Kai Tak Development –Reconstruction and Upgrading of Kai Tak Nullah
 - KL/2012/02 - Kai Tak Development – Stage 3A Infrastructure at Former North Apron Area
 - KL/2012/03 - Kai Tak Development – Stage 4 Infrastructure at Former North Apron Area
 - KL/2014/01 - Kai Tak Development - Stage 2 Infrastructure Works for Developments at the Southern Part of the Former Runway
 - KL/2014/03 - Kai Tak Development - Stage 3 Infrastructure Works for Developments at the Southern Part of the Former Runway
 - KL/2015/02 - Kai Tak Development – Stage 5A Infrastructure at Former North Apron Area
 - KL/2015/03 – Kai Tak Development – Stage 3B Infrastructure at Former North Apron Area
 - New Kowloon Inland Lot No. 6516 & 6517 - Proposed Residential Development
 - New Kowloon Inland Lot No. 6525 - Residential Development at Kai Tak Area 11 Site 1
 - New Kowloon Inland Lot No. 6526 - Residential Development at Kai Tak Area 11 Site 2
 - New Kowloon Inland Lot No. 6527 - Residential Development at Kai Tak Area 11 Site 3

- New Kowloon Inland Lot No. 6541 - Residential Development at Kai Tak Area 1H Site 3
 - SS A501 - Design and Construction of Centre of Excellence in Paediatrics
 - SS E517 – Construction of a 30-classroom Secondary School at Kai Tak Development, Kowloon (Site 1A-2)
 - SS C503 – Design and Construction of Kowloon East Regional Headquarters and Operational Base cum Ngau Tau Kok Divisional Police Station at 105 Concorde Road, Kai Tak
 - HY/2014/18 – Provision of Barrier-Free Access Facilities for Highway Structures – Phase 3 Contract 7
3. Stockpiling of excavated & construction materials, storage of equipments, 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 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 1.

Table 1 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

Remark: No complaint concerning construction noise was received in the time period of 0700 – 1900 hrs on normal weekdays.

1-hour & 24-hour TSP Monitoring

6. All 1-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
7. All 24-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
8. The air quality monitoring results in March 2017 are presented in [Figure 1](#).

Construction Noise

9. All construction noise monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
10. The noise monitoring results in March 2017 are presented in [Figure 2](#).

Key Information in the Reporting Month

11. Summary of key information in the reporting month is tabulated in Table 2.

Table 2 Summary Table for Key Information in the Reporting Month

Event	Event Details		Action Taken	Status	Remark
	Number	Nature			
Complaint received	2	Construction Dust and Construction Noise	Investigation was conducted by the Contractor	Closed	---
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 MARCH 2017 \(FULL VERSION\)](#)

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