

EXECUTIVE SUMMARY

Introduction

1. This is the 16th Environmental Monitoring and Audit (EM&A) Report prepared by Cinotech Consultants Limited for the “Agreement No. EDO 5/2019 - Environmental Team for Kai Tak Development” (hereinafter called “the Project”). This report documents the findings of EM&A Works conducted in September 2021.
2. During the reporting month, the following works contracts were undertaken within Kai Tak Site:
 - 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
 - 6/WSD/08 & 7/WSD/08 – Replacement and Rehabilitation of Water Mains Stages 2 & 3
 - SS G506 – Construction of Station Square at Kai Tak Phase I
 - 1389EM18A – District Cooling System (DCS) at Kai Tak Development (KTD) – Chilled Water Pipe Laying and Associated Works in North Apron
 - 2852EM17A – District Cooling System (DCS) at Kai Tak Development (KTD) Phase III (Package D) – Water Pipe Laying Works
 - 2853EM17W – District Cooling System (DCS) at Kai Tak Development (KTD) Phase III (Package D) – Electrical and Mechanical Installation
 - HY/2014/18 – Provision of Barrier-Free Access Facilities for Highway Structure – Phase 3 Contract 7
 - HY/2014/07 – Central Kowloon Route – Kai Tak West
 - SCL1109 - MTR Shatin to Central Link: Ma Tau Wai and To Kwa Wan Stations and Tunnels
 - SCL1121 – MTR Shatin to Central Link: Cross Harbour Tunnels
 - SCL1123 – MTR Shatin to Central Link: Exhibition Station and Western Approach Tunnel
 - New Kowloon Inland Lot No. 6556 – Residential Development at Kai Tak Area 1F Site 2
 - New Kowloon Inland Lot No. 6557 – Commercial Development at Kai Tak Area 1E Site 2
 - New Kowloon Inland Lot No. 6562 – Residential Development at Kai Tak Area 1K Site 3
 - New Kowloon Inland Lot No. 6563 – Residential Development at Kai Tak Area 1L Site 1
 - New Kowloon Inland Lot No. 6564 – Residential Development at Kai Tak Area 1L Site 2
 - New Kowloon Inland Lot No. 6565 – Residential Development at Kai Tak Area 1L Site 3
 - New Kowloon Inland Lot No. 6566 – Residential Development at Kai Tak Area 1K Site 2
 - New Kowloon Inland Lot No. 6567 – Residential Development at Kai Tak Area 1K Site 1
 - New Kowloon Inland Lot No. 6568 – Residential Development at Kai Tak Area 1F Site 1
 - New Acute Hospital at Kai Tak Development Area - foundation, excavation and lateral support, and basement excavation works Site A – 8110059224
 - New Acute Hospital at Kai Tak Development Area – foundation, excavation and lateral support, and basement excavation works Site B – 8110059225
 - HAB/KTSP/01 – Design, Construction and Operation of the Kai Tak Sports Park at Kai Tak, Kowloon City District, Hong Kong

Environmental Monitoring Works

- 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.
- 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

- All 1-hour TSP monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded.
- All other 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 the reporting month are presented in **Table II**.

Table II Air Quality Monitoring Results in the Reporting Month

Monitoring Station	Description	1-hour TSP ($\mu\text{g}/\text{m}^3$)	24-hour TSP ($\mu\text{g}/\text{m}^3$)
AM1(C)	Contractor's Site Office of KL/2015/03	19.2 - 73.5	21.7 - 69.2
AM2	Lee Kau Yan Memorial School	12.0 - 76.8	22.7 - 70.1
AM3(A)	Holy Trinity Bradbury Centre	16.8 - 151.2	23.1 - 56.0
AM4(D)	The Factory for the Blind	16.8 - 122.4	35.6 - 111.6
AM5(B)	CCC Kei To Secondary School	12.0 - 134.4	17.9 - 57.8
AA1	Ching Long Shopping Centre	27.6 - 62.4	20.9 - 51.9
AA2	Tak Long Estate	10.5 - 36.8	16.3 - 56.6
AA4	Hong Kong Children's Hospital	19.2 - 121.9	6.8 - 68.1

Construction Noise

8. All construction noise monitoring was conducted as scheduled in the reporting month. No Action/Limit Level exceedance was recorded
9. The noise monitoring results in the reporting month are presented in **Table III**.

Table III Noise Monitoring Results in the Reporting Month

Monitoring Station	Description	Noise Level, Leq(30 min) dB(A)
M1	Buddhist Chi King Primary School	58.0 – 65.7
M2	S.K.H. Kowloon Bay Kei Lok Primary School	61.3 – 66.4
M3	Rhythm Garden	72.6 – 74.4
M4(A)	The Bridge connecting the Latitude	62.2 – 70.4
M5	Lee Kau Yan Memorial School	71.0 – 74.7
M6(C)	Mercy Grace's Home	66.6 – 75.6
M7(A)	Oblate Primary School	50.6 – 63.2
M8	CCC Kei To Secondary School	61.5 – 64.3
M9	Near Chi Yun School	56.5 – 63.4
M10	Tak Long Estate Car Park	55.3 – 63.8
MA1	Ching Long Shopping Centre	61.3 – 65.8
MA3	Hong Kong Children's Hospital	68.7 – 71.5

Key Information in the Reporting Month

10. Summary of key information in the reporting month is tabulated in **Table IV**.

Table IV Summary Table for Key Information in the Reporting Month

Event	Event Details		Action Taken	Status	Remark
	Number	Nature			
Complaint received	3	Air quality & light	Details are shown in Appendix L	1 complaint is under investigation	---
Reporting Changes	0	---	N/A	N/A	---
Notifications of any summons & prosecutions received	0	---	N/A	N/A	---

Future Key Issues

11. 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 SEPTEMBER 2021 (FULL VERSION)

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