

## **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 “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 May 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	24 - 147	80.3 – 107.3
AM2	Lee Kau Yan Memorial School	34 - 78	20.7 – 74.1
AM3(A)	Holy Trinity Bradbury Centre	22 - 60	10.9 – 75.1
AM4(D)	The Factory for the Blind	29 - 56	21.8 - 112.9
AM5(B)	CCC Kei To Secondary School	18 - 64	7.3 - 21.4
AA1	Ching Long Shopping Centre	20 - 165	36.8 – 45.6
AA2	Tak Long Estate	22 - 174	8.2 – 23.2
AA4	Hong Kong Children's Hospital	29 - 48	68.3 - 129.9

## 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**

<b>Monitoring Station</b>	<b>Description</b>	<b>Noise Level, Leq (30min) dB(A)</b>
M1	Buddhist Chi King Primary School	57.5 – 63.4
M2	S.K.H. Kowloon Bay Kei Lok Primary School	57.5 – 66.7
M3	Rhythm Garden	60.0 – 75.6
M4(A)	The Bridge connecting the Latitude	57.8 – 76.5
M5	Lee Kau Yan Memorial School	62.9 – 76.5
M6(C)	Mercy Grace's Home	65.0 – 75.7
M7(A)	Oblate Primary School	60.4 – 63.5
M8	CCC Kei To Secondary School	62.0 – 63.8
M9	Near Chi Yun School	58.1 – 61.7
M10	Tak Long Estate Car Park	53.0 – 62.3
MA1	Ching Long Shopping Centre	63.3 – 65.5
MA3	Hong Kong Children's Hospital	68.3 – 71.9

## 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	2	Noise	Details are shown in <b>Appendix L</b>	18 complaints are 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 APRIL 2021 (FULL VERSION)

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