

## **EXECUTIVE SUMMARY**

### **Introduction**

1. This is the 20<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 January 2022.
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/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
  - 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 | 29.4 - 115.5                            | 37.7 - 107.6                             |
| AM2                | Lee Kau Yan Memorial School            | 26.0 - 66.0                             | 38.1 - 75.4                              |
| AM3(A)             | Holy Trinity Bradbury Centre           | 19.0 - 80.0                             | 27.1 - 95.4                              |
| AM4(D)             | The Factory for the Blind              | 30.4 - 90.0                             | 39.4 - 131.2                             |
| AM5(B)             | CCC Kei To Secondary School            | 22.8 - 82.0                             | 28.4 - 73.1                              |
| AA1                | Ching Long Shopping Centre             | 37.4 - 126.0                            | 17.4 - 65.7                              |
| AA2                | Tak Long Estate                        | 29.4 - 136.5                            | 13.2 - 86.7                              |
| AA4                | Hong Kong Children's Hospital          | 19.0 - 60.0                             | 47.2 - 79.8                              |

## 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(30 min) dB(A)</b> |
|---------------------------|---|---------------------------------------|
| M1                        | Buddhist Chi King Primary School          | 59.8 – 64.2                           |
| M2                        | S.K.H. Kowloon Bay Kei Lok Primary School | 58.4 – 66.8                           |
| M3                        | Rhythm Garden                             | 68.4 – 74.7                           |
| M4(A)                     | The Bridge connecting the Latitude        | 57.8 – 73.9                           |
| M5                        | Lee Kau Yan Memorial School               | 72.8 – 76.4                           |
| M6(C)                     | Mercy Grace's Home                        | 72.6 – 77.4                           |
| M7(A)                     | Oblate Primary School                     | 54.8 – 62.8                           |
| M8                        | CCC Kei To Secondary School               | 63.1 – 65.4                           |
| M9                        | Near Chi Yun School                       | 52.8 – 61.5                           |
| M10                       | Tak Long Estate Car Park                  | 48.4 – 62.5                           |
| MA1                       | Ching Long Shopping Centre                | 62.4 – 64.4                           |
| MA3                       | Hong Kong Children's Hospital             | 64.5 – 71.2                           |

## 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                                   | 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

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.

THE FULL VERSION EM&A REPORT FOR JANUARY 2022 CAN BE VIEWED FROM THE ARCHIVED REPORT

EM&A REPORT FOR JANUARY 2022 (FULL VERSION)

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