



CONTRACT NO: HK/2015/01

**WANCHAI DEVELOPMENT PHASE II AND CENTRAL
WANCHAI BYPASS
SAMPLING, FIELD MEASUREMENT AND TESTING WORK
(STAGE 3)**

**ENVIRONMENTAL PERMIT NO. EP-376/2009,
FURTHER ENVIRONMENTAL PERMIT NO. FEP-01/376/2009
MONTHLY ENVIRONMENTAL MONITORING & AUDIT REPORT
- JUNE 2016 -**

CLIENTS:

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// July 2016

11 July 2016

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By Post and Fax (2691 2649)

Attention: Mr. Conrad Ng

Dear Mr. Ng,

**Re: Contract No. HK/2015/01
Wan Chai Development Phase II - Central-Wan Chai Bypass
Sampling, Field Measurement and Testing Works (Stage 3)**

**Monthly Environmental Monitoring and Audit Report (June 2016)
for EP-376/2009 and FEP-01/376/2009**

Reference is made to the Environmental Team's submission of the captioned Monthly Environmental Monitoring and Audit (EM&A) Report for June 2016 received by e-mail on 11 July 2016 for our review and comment.

Please be informed that we have no adverse comment on the captioned submission. We write to verify the captioned submission in accordance with Condition 3.4 in the captioned Environmental Permit.

Thank you very much for your attention and please do not hesitate to contact the undersigned should you have any queries.

Yours sincerely,



David Yeung
Independent Environmental Checker

| | | | |
|------|-------|--------------------------------------|-------------------|
| c.c. | CEDD | Attn: Mr. Stephen Lo | by fax: 2577 5040 |
| | Lam | Attn: Mr. Raymond Dai | by fax: 2882 3331 |
| | AECOM | Attn: Mr. Francis Leong/ Stephen Lai | by fax: 2691 2649 |



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EXECUTIVE SUMMARY

i. This is the Environmental Monitoring and Audit (EM&A) Monthly Report – **June 2016** specific for Environmental Permit no. EP-376/2009 and Further Environmental Permit no. FEP-01/376/2009. The EM&A report is prepared by the Environmental Team (ET) employed under Contract No. HK/2015/01 – Wan Chai Development Phase II and Central Wanchai Bypass – Sampling, Field Measurement and Testing Works (Stage 3). This report presents the environmental monitoring findings and information recorded during the period of **27th May 2016 to 26th June 2016**. The cut-off date of reporting is at 26th of each reporting month.

ii. In the reporting month, the principal work activities of the contract are included as follows:
Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West

- Drainage
- Utilities

Noise Monitoring

- iii. Noise monitoring was conducted at M1a – Harbour Road Sports Centre.
- iv. **With respect to the shift in major construction site portions at Wan Chai North, the noise monitoring station M1a – Harbour Road Sports Centre was finely adjusted from East of Harbour Road Sports Centre to West of Harbour Road Sports Centre on 21 June 2016.**
- v. **Three limit level exceedances were recorded at M1a – Harbour Road Sports Centre on 7, 13 and 21 June 2016 in the reporting month. After the investigation, the exceedances were concluded as non-project related.**

Air Quality Monitoring

- vi. 1-hour and 24-hour Total Suspended Particulates (TSP) monitoring were conducted on every six days basis at CMA5b and CMA6a – Contractor HK/2012/08 Site Office.
- vii. **Due to interruption of electricity supplies, 24hr TSP monitoring at CMA6a monitoring station was rescheduled from 7 June 2016 to 8 June 2016.**
- viii. No action or limit level exceedance was recorded in this reporting month.

Complaints, Notifications of Summons and Successful Prosecutions

- ix. **No environmental complaint was received in this reporting month.**

Site Inspections and Audit

- x. **The Environmental Team (ET) conducted weekly site inspection for Contract no. HK/2012/08 in this reporting period. The Contractors rectified major observations and recommendations made during the audit sessions. No non-conformance was identified during the site inspections.**



Future Key Issues

- xi. In the coming reporting month, the principal work activities of the contract is anticipated as follows:

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West

- Drainage
- Utilities

1 INTRODUCTION

1.1 Scope of the Report

1.1.1. Lam Geotechnics Limited (LGL) has been appointed take up the role as the Environmental Team (ET) under Environmental Permit no. EP-376/2009 and Further Environmental Permit no. FEP-01/376/2009 to implement the Environmental Monitoring and Audit (EM&A) programme as stipulated in the EM&A Manual of the approved Environmental Impact Assessment (EIA) Report for Wan Chai Development Phase II and Central-Wan Chai Bypass (Register No.: AEIAR-458/2008).

This report documents the finding of EM&A works for Environmental Permit (EP) no. EP-376/2009 and Further Environmental Permit no. FEP-01/376/2009, during the period of [27th May 2016 to 26th June 2016](#). The cut-off date of reporting is the 26th of each reporting month.

1.2 Structure of the Report

- Section 1** ***Introduction*** – details the scope and structure of the report.
- Section 2** ***Project Background*** – summarizes background and scope of the project, site description, project organization and contact details of key personnel during the reporting period.
- Section 3** ***Status of Regulatory Compliance*** – summarizes the status of valid Environmental Permits / Licenses during the reporting period.
- Section 4** ***Monitoring Requirements*** – summarizes all monitoring parameters, monitoring methodology and equipment, monitoring locations, monitoring frequency, criteria and respective event and action plan and monitoring programmes.
- Section 5** ***Monitoring Results*** – summarizes the monitoring results obtained in the reporting period.
- Section 6** ***Compliance Audit*** – summarizes the auditing of monitoring results, all exceedances environmental parameters.
- Section 7** ***Cumulative Construction Impact due to the Concurrent Projects*** – summarizes the relevant cumulative construction impact due to the concurrent activities of the concurrent Projects.



- Section 8** ***Environmental Site Audit*** – summarizes the findings of weekly site inspections undertaken within the reporting period, with a review of any relevant follow-up actions within the reporting period.
- Section 9** ***Complaints, Notification of summons and Prosecution*** – summarizes the cumulative statistics on complaints, notification of summons and prosecution
- Section 10** ***Conclusion***

2 PROJECT BACKGROUND

2.1 Background

2.1.1 Wan Chai Development phase II and Central-Wan Chai Bypass (hereafter called “the Project”) are Designated Project (DP) under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO). The Environmental Impact Assessment (EIA) Report for Wan Chai Development phase II and Central-Wan Chai Bypass (Register No.: AEIAR-125/2008) has been approved on 11 December 2008.

2.2 Scope of the Project and Site Description

2.2.1. The design and construction of Wan Chai Development Phase II and Central Wanchai Bypass involves the construction and operation of primary and district distributor roads that is shown at [Figure 2.1](#).

2.2.2. The key purpose of the study area encompasses the Wan Chai harbourfront area. The area starts at the boundary of Central Reclamation Phase III (CRIII) at the west and connects to the existing Hung Hing Road at the east. The scope of the project includes:

- A dual 2-lane primary distributor road, Road P2, approximately 0.6km in length; and
- Other new primary and district distributor roads connecting to the slip roads of the Central-Wan Chai Bypass with a total length of approximately 0.7km.

2.2.3. The project also contains various Schedule 2 DP that, under the EIAO, require Environmental Permits (EPs) to be granted by the DEP before they may be either constructed or operated. **Table 2.1** summarises the DP under this Project. [Figure 2.1](#) shows the locations of these Schedule 2 DP.

Table 2.1 Schedule 2 Designated Project under this Project

| Item | Designated Project | EIAO Reference |
|------|--|-------------------------|
| DP2 | Road P2 and other roads which are classified as primary/district distributor roads | Schedule 2, Part I, A.1 |

2.2.4. The designated project work II (DP2) was awarded to China State-Leader Joint Venture HK/2012/08 (Contract Title: Wan Chai Development Phase II Central – Wan Chai Bypass at Wan Chai West) as part of the Project works by the Civil Engineering and Development Department (CEDD). The construction work under Contract no. HK/2012/08 was commenced on 13 May 2015.

2.3 Project Organization and Contact Personnel

2.3.1 Civil Engineering and Development Department and Highway Department are the overall project controllers for the Wan Chai Development Phase II and Central-Wan Chai Bypass

respectively. For the construction phase of the Project, Project Engineer, Contractor(s), Environmental Team and Independent Environmental Checker are appointed to manage and control environmental issues.

2.3.2 The proposed project organization and lines of communication with respect to environmental protection works are shown in [Figure 2.2](#). Key personnel and contact particulars are summarized in **Table 2.2**:

Table 2.2 Contact Details of Key Personnel

| Party | Role | Post | Name | Contact No. | Contact Fax |
|-----------------------------------|--|---|-----------------|-------------|-------------|
| AECOM | Engineer's Representative for WDII | Principal Resident Engineer | Mr. Frankie Fan | 2587 1778 | 2587 1877 |
| | Engineer's Representative for CWB | Principal Resident Engineer | Mr. Peter Poon | 3922 3388 | 3912 3010 |
| China State-Leader JV | Contractor under Contract no. HK/2012/08 | Project Director | C. N. LAI | 9106 5806 | 2877 1522 |
| | | Project Manager | Mr. Eddie Chung | 9189 8118 | |
| | | Site Agent | Mr. Keith Tse | 9037 1839 | |
| | | Environmental Officer | Mr. James Ma | 9130 9549 | |
| | | Environmental Supervisor | Mr. Y. L. HO | 9856 5669 | |
| Ramboll Environ Hong Kong Limited | Independent Environmental Checker (IEC) | Independent Environmental Checker (IEC) | Mr. David Yeung | 3465 2888 | 3465 2899 |
| Lam Geotechnics Limited | Environmental Team (ET) | Environmental Team Leader (ETL) | Mr. Raymond Dai | 2882 3939 | 2882 3331 |

2.3.3 In this reporting month, the principal work activities of the contract is included as follows:
Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West

- Drainage
- Utilities

2.3.4 In coming reporting month, the principal work activities of the contract is anticipated as



follows:

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at
Wan Chai West

- Drainage
- Utilities

3 STATUS OF REGULATORY COMPLIANCE

3.1 Status of Environmental Licensing and Permitting under the Project

3.1.1. A summary of the current status on licences and/or permits on environmental protection pertinent to the Project is shown in **Table 3.1**.

Table 3.1 Summary of the current status on licences and/or permits on environmental protection pertinent to the Project

| Permits and/or Licences | Reference No. | Issued Date | Status |
|------------------------------|-----------------|-------------|--------|
| Environmental Permit | EP-376/2009 | 13 Nov 2009 | Valid |
| Further Environmental Permit | FEP-01/376/2009 | 31 Mar 2015 | Valid |

3.1.2. The current status on licences and/or permits on environmental protection pertinent for contract no. HK/2012/08 under FEP-01/376/2009 showed in **Table 3.2** and **Table 3.3**

Table 3.2 Cumulative Summary of Valid Licences and Permits under Contract no. HK/2012/08

| Permits and/or Licences | Reference No. | Issued Date | Valid Period/ Expiry Date | Status |
|--|-------------------|-------------|----------------------------|----------------------------|
| Further Environmental Permit | FEP-01/376/2009 | 31 Mar 2015 | N/A | Valid |
| Notification of Works Under APCO | 355439 | 4 Feb 2013 | N/A | Valid |
| Registration as a Chemical Waste Producer | 5213-134-C3790-01 | 8 Mar 2013 | N/A | Valid |
| Billing Account under Waste Disposal Ordinance | 7016883 | 18 Feb 2013 | 18 Jul 2017 | Valid |
| Water Discharge Licence | WT00018470-2014 | 6 Mar 2014 | 31 Mar 2019 | Valid |
| Construction Noise Permit | GW-RS0192-16 | 4 Mar 2016 | 9 Mar 2016 to 8 Sep 2016 | Valid |
| | GW-RS0355-16 | 13 Apr 2016 | 15 Apr 2016 to 12 Oct 2016 | Superseded by GW-RS0630-16 |

| Permits and/or Licences | Reference No. | Issued Date | Valid Period/ Expiry Date | Status |
|-------------------------|---------------|-------------|------------------------------|--------|
| | GW-RS0630-16 | 17 Jun 2016 | 20 Jun 2016 to 19 Dec 2016 | Valid |

Table 3.3 Summary of submission status under FEP-01/376/2009 Condition

| EP Condition | Submission | Date of Submission |
|----------------|--------------------------------|---|
| Condition 2.9 | Noise Management Plan (Rev. 2) | Generally in order as commented by EPD on 27 Oct 2015 |
| Condition 2.10 | Landscape Plan (Rev. 0) | Generally in order as commented by EPD on 5 Aug 2015 |

3.1.3. Implementation status of the recommended mitigation measures during this reporting month is presented in [Appendix 3.1](#).

4 MONITORING REQUIREMENTS

4.1 Noise Monitoring

NOISE MONITORING STATION

- 4.1.1. The noise monitoring station for the Project is listed and shown in **Table 4.1** and **Figure 4.1**. [Appendix 4.1](#) shows the established Action/Limit Levels for the monitoring works.

Table 4.1 Noise Monitoring Station

| District | Station | Description |
|----------|---------|----------------------------|
| Wan Chai | M1a | Harbour Road Sports Centre |

NOISE MONITORING PARAMETERS, FREQUENCY AND DURATION

- 4.1.2. The construction noise level shall be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{eq}). $L_{eq}(30 \text{ minutes})$ shall be used as the monitoring parameter for the time period between 0700 and 1900 hours on normal weekdays. For all other time periods, $L_{eq}(5 \text{ minutes})$ shall be employed for comparison with the Noise Control Ordinance (NCO) criteria. Supplementary information for data auditing, statistical results such as L10 and L90 shall also be obtained for reference.
- 4.1.3. Noise monitoring shall be carried out at all the designated monitoring stations. The monitoring frequency shall depend on the scale of the construction activities. The following is an initial guide on the regular monitoring frequency for each station on a weekly basis when noise generating activities are underway:
- One set of measurements between 0700 and 1900 hours on normal weekdays.

MONITORING EQUIPMENT

- 4.1.4. As referred to in the Technical Memorandum TM issued under the NCO, sound level meters in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications shall be used for carrying out the noise monitoring. Immediately prior to and following each noise measurement the accuracy of the sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration level from before and after the noise measurement agrees to within 1.0 dB.
- 4.1.5. Noise measurements shall not be made in fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in m/s.

4.2 Air Quality Monitoring

AIR QUALITY MONITORING STATIONS

4.2.1. The air quality monitoring stations for the Project are listed and shown in **Table 4.2** and **Figure 4.1**. **Appendix 4.1** shows the established Action/Limit Levels for the monitoring works.

Table 4.2 Air Quality Monitoring Stations

| Station ID | Description |
|------------|----------------------|
| CMA5b | Pedestrian Plaza |
| CMA6a | WDII PRE Site Office |

AIR QUALITY MONITORING PARAMETERS, FREQUENCY AND DURATION

- 4.2.2. One-hour and 24-hour TSP levels should be measured to indicate the impacts of construction dust on air quality. The 24-hour TSP levels shall be measured by following the standard high volume sampling method as set out in the Title 40 of the Code of Federal Regulations, Chapter 1 (Part 50), Appendix B.
- 4.2.3. All relevant data including temperature, pressure, weather conditions, elapsed-time meter reading for the start and stop of the sampler, identification and weight of the filter paper, and any other local atmospheric factors affecting or affected by site conditions, etc., shall be recorded down in detail.
- 4.2.4. For regular impact monitoring, the sampling frequency of at least once in every six-days, shall be strictly observed at all the monitoring stations for 24-hour TSP monitoring. For 1-hour TSP monitoring, the sampling frequency of at least three times in every six-days should be undertaken when the highest dust impact occurs.

SAMPLING PROCEDURE AND MONITORING EQUIPMENT

- 4.2.5. High volume samplers (HVSs) in compliance with the following specifications shall be used for carrying out the 1-hour and 24-hour TSP monitoring:
 - 0.6 – 1.7 m³ per minute adjustable flow range;
 - Equipped with a timing / control device with +/- 5 minutes accuracy for 24 hours operation;
 - Installed with elapsed-time meter with +/- 2 minutes accuracy for 24 hours operation;
 - Capable of providing a minimum exposed area of 406 cm²;
 - Flow control accuracy: +/- 2.5% deviation over 24-hour sampling period;
 - Equipped with a shelter to protect the filter and sampler;
 - Incorporated with an electronic mass flow rate controller or other equivalent devices;
 - Equipped with a flow recorder for continuous monitoring;

- Provided with a peaked roof inlet;
- Incorporated with a manometer;
- Able to hold and seal the filter paper to the sampler housing at horizontal position;
- Easily changeable filter; and
- Capable of operating continuously for a 24-hour period.

4.2.6. Initial calibration of dust monitoring equipment shall be conducted upon installation and thereafter at bi-monthly intervals. The transfer standard shall be traceable to the internationally recognized primary standard and be calibrated annually. The concern parties such as IEC shall properly document the calibration data for future reference. All the data should be converted into standard temperature and pressure condition.

LABORATORY MEASUREMENT / ANALYSIS

4.2.7. A clean laboratory with constant temperature and humidity control, and equipped with necessary measuring and conditioning instruments to handle the dust samples collected, shall be available for sample analysis, and equipment calibration and maintenance. The laboratory should be HOKLAS accredited.

4.2.8. Filter paper of size 8" x 10" shall be labelled before sampling. It shall be a clean filter paper with no pinholes, and shall be conditioned in a humidity-controlled chamber for over 24-hours and be pre-weighed before use for the sampling.

4.2.9. After sampling, the filter paper loaded with dust shall be kept in a clean and tightly sealed plastic bag. The filter paper shall then be returned to the laboratory for reconditioning in the humidity controlled chamber followed by accurate weighing by an electronic balance with readout down to 0.1 mg. The balance shall be regularly calibrated against a traceable standard.

4.2.10. All the collected samples shall be kept in a good condition for 6 months before disposal.

4.2.11. Current calibration certificates of equipment are presented in **Appendix 4.2**.

5 MONITORING RESULTS

5.0.1. The environmental monitoring will be implemented based on the division of works areas of the designated project managed under the contract with FEP applied by individual contractors. Overall layout showing work areas of various contracts, latest status of work commencement and monitoring stations is shown in [Figure 2.1](#) and [Figure 4.1](#). The monitoring results are presented in according to the Individual Contract(s).

5.0.2. In the reporting month, the concurrent contract is:

- Contract no. HK/2012/08 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai West.

5.0.3. The environment monitoring schedules for reporting month and coming month are presented in [Appendix 5.1](#).

5.1 Noise Monitoring Results

5.1.1 The proposed division of noise monitoring station is summarized in **Table 5.1** below.

Table 5.1 Noise Monitoring Station for Contract no. HK/2012/08

| Location ID | District | Description |
|-------------|----------|----------------------------|
| M1a | Wan Chai | Harbour Road Sports Centre |

5.1.2 Three limit level exceedances were recorded at M1a- Harbour Road Sports Centre on 7, 13 and 21 June 2016 in this reporting month.

5.1.3 No construction works under EP-376/2009 was conducted around the concerned location during the time of measurement on 7 and 13 June 2016 while operation of Hydromill trench cutter in close proximity to the monitoring station at Ex-Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre immediately opposite to the monitoring station) under non WDII-CWB Contractor was observed as the major noise contribution during monitoring on 7 and 13 June 2016. As such, the exceedances were observed as non-Project related.

5.1.4 No construction works under EP-376/2009 was conducted around the concerned location during the time of measurement on 21 June 2016 while operation of breaking works opposite to monitoring station under non WDII-CWB Contractor was observed as the major noise contribution during monitoring on 21 June 2016. As such, the exceedance was considered as non-Project related.

5.1.5 The noise monitoring results measured in this reporting period are reviewed and summarized. Details of the noise monitoring results and graphical presentation can be referred to [Appendix 5.2](#).

5.2 Air Quality Monitoring Results

5.2.1 The proposed division of air quality monitoring stations are summarized in **Table 5.2** below.

Table 5.2 Air Quality Monitoring Station for Contract no. HK/2012/08

| Station | Description |
|---------|----------------------|
| CMA5b | Pedestrian Plaza |
| CMA6a | WDII PRE Site Office |

5.2.2 No action or limit level exceedance was recorded in this reporting month.

5.2.3 The air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air quality monitoring results and graphical presentation can be referred in [Appendix 5.3](#).

5.3 WASTE MONITORING RESULTS

5.3.1 No Inert and non-inert C&D wastes disposed in this reporting month. Details of the waste flow table are summarized in **Table 5.3**.

Table 5.3 Details of Waste Disposal for Contract no. HK/2012/08

| Waste Type | Quantity this month | Cumulative Quantity-to-Date | Disposal / Dumping Grounds |
|--------------------------------------|---------------------|-----------------------------|----------------------------|
| Inert C&D materials disposed, m3 | NIL | NIL | NIL |
| Inert C&D materials recycled, m3 | NIL | NIL | NIL |
| Non-inert C&D materials disposed, m3 | NIL | NIL | NIL |
| Non-inert C&D materials recycled, m3 | NIL | NIL | NIL |
| Chemical waste disposed, kg | NIL | NIL | NIL |

6 COMPLIANCE AUDIT

6.0.1. The Event Action Plan for construction noise and air quality are presented in [Appendix 6.1](#).

6.1 Noise Monitoring

6.1.1 Three limit level exceedances were recorded at M1a- Harbour Road Sports Centre on 7, 13 and 21 June 2016 in this reporting month.

6.1.2 No construction works under EP-376/2009 was conducted around the concerned location during the time of measurement on 7 and 13 June 2016 while operation of Hydromill trench cutter in close proximity to the monitoring station at Ex-Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre immediately opposite to the monitoring station) under non WDII-CWB Contractor was observed as the major noise contribution during monitoring on 7 and 13 June 2016. As such, the exceedances were observed as non-Project related.

6.1.3 No construction works under EP-376/2009 was conducted around the concerned location during the time of measurement on 21 June 2016 while operation of breaking works opposite to monitoring station under non WDII-CWB Contractor was observed as the major noise contribution during monitoring on 21 June 2016. As such, the exceedance was considered as non-Project related.

6.2 Air Quality Monitoring

6.1.1. No action or limit level was recorded in this reporting month.

6.3 Review of the Reasons for and the Implications of Non-compliance

6.3.1 There was no non-compliance from the site audits in the reporting period. The observations and recommendations made in each individual site audit session were presented in Section 8.

6.4 Summary of action taken in the event of and follow-up on non-compliance

6.4.1 There was no particular action taken since no non-compliance was recorded from the site audits in the reporting period.

7 CUMULATIVE CONSTRUCTION IMPACT DUE TO THE CONCURRENT PROJECTS

- 7.0.1. According to the Condition 3.4 of the EP-376/2009, this section addresses the relevant cumulative construction impact due to the concurrent activities of the current projects including the Central Reclamation Phase III (CRIII), Wan Chai Development Phase II (WDII), Central-WanChai Bypass (CWB), Island Eastern Corridor Link projects (IECL) and Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel).
- 7.0.2. According to the Final EM&A report of Central Reclamation Phase III (CRIII) for Contract HK 12/02, the major construction activities were completed by end of January 2014 and no construction activities were undertaken thereafter and the water quality monitoring was completed in October 2011. As such, it is considered that there were no cumulative construction impact due to the concurrent activities of the current projects with the Central Reclamation Phase III (CRIII) undertaken by contractor HK12/02 in the reporting month.
- 7.0.3. [According to the construction programme of Central-Wanchai Bypass at Wanchai West at the Central Reclamation Phase III area include structural works for tunnel construction, road works and drainage works, and seawall modification were performed in June 2016 reporting month.](#) As no project related exceedance were recorded during the reporting period, cumulative construction impact due to the concurrent activities of the current projects with the Central Reclamation Phase III (CRIII) was considered as insignificant.
- 7.0.4. [According to the construction programme of Wan Chai Development Phase II, Central-Wan Chai Bypass and Island Eastern Corridor Link projects, the major construction activities under Wan Chai Development Phase II were tunnel and backfilling works at Wan Chai East and culvert construction, tunnel construction and ELS works at Wan Chai West. The major construction activities under Central-Wan Chai Bypass and Island Eastern Corridor Link Projects were road works and ventilation building construction at Central Interchange, temporary reclamation removal works at Ex-PCWAW, ELS works and retaining wall construction at Victoria Park, ELS works and tunnel works at TS3; bridge construction, piling and tunnel works at North Point area in the reporting month. In addition, other non-Wan Chai Development Phase II, Central-Wan Chai Bypass and Island Eastern Corridor Link projects was observed undertaken at Wan Chai North and North Point area.](#)
- 7.0.5. No significant air impact from construction activities was anticipated in the reporting month. Besides, no project related exceedance was recorded during the water, air and noise environmental monitoring events in the reporting month. Thus, it is evaluated that the cumulative construction impact from the concurrent projects including Central Reclamation Phase III (CRIII), Wan Chai Development Phase II (WDII), Central-WanChai Bypass (CWB), Island Eastern Corridor Link projects (IECL) was insignificant.

8 ENVIRONMENTAL SITE AUDIT

8.0.1. Four site inspections for Contract no. HK/2012/08 were carried out on 31 May 2016, 7, 14 and 21 June 2016 in this reporting period. The results of inspection and outcome are summarized in **Table 8.1**.

Table 8.1 Summary of Environmental Inspections for Contract no. HK/2012/08

| Item | Date | Observations | Action taken by Contractor | Outcome |
|-----------|-------------|---|---|--|
| 160531_01 | 31 May 2016 | The hole of drip tray under generator at Zone A2 (2) shall be covered. | The hole of drip tray under the generator at Zone A2 (2) was covered. | Completion as observed on 7 June 2016 |
| 160531_02 | 31 May 2016 | Spraying water on haul road shall be implemented at Zone D | Water spraying has implemented and haul road was observed wet. | Completion as observed on 7 June 2016 |
| 160607_01 | 7 Jun 2016 | Drip tray shall be provided for chemical container at Zone C(W) | Drip tray was provided for chemical container at Zone C(W) | Completion as observed on 14 June 2016 |
| 160607_02 | 7 Jun 2016 | Breaker tip shall be properly covered with acoustic material at Zone C (E) | Breaker tip was properly covered with acoustic material at Zone C(E) | Completion as observed on 14 June 2016 |

9 COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

- 9.0.1. No environmental complaint was received in the reporting period.
- 9.0.2. The details of cumulative complaint log and updated summary of complaints are presented in [Appendix 9.1](#)
- 9.0.3. Cumulative statistic on complaints and successful prosecutions are summarized in **Table 9.1** and **Table 9.2** respectively.

Table 9.1 Cumulative Statistics on Complaints

| Reporting Period | No. of Complaints |
|---|-------------------|
| Commencement works (May 2015) to last reporting month | 0 |
| June 2016 | 0 |
| Total | 0 |

Table 9.2 Cumulative Statistics on Successful Prosecutions

| Environmental Parameters | Cumulative No. Brought Forward | No. of Successful Prosecutions this month (Offence Date) | Cumulative No. Project-to-Date |
|--------------------------|--------------------------------|--|--------------------------------|
| Air | 0 | 0 | 0 |
| Noise | 0 | 0 | 0 |
| Water | 0 | 0 | 0 |
| Waste | 0 | 0 | 0 |
| Total | 0 | 0 | 0 |

10 CONCLUSION

10.0.1. The EM&A programme was carried out in accordance with the EM&A Manual requirements, minor alterations to the programme proposed were made in response to changing circumstances.

10.0.2. The scheduled construction activities and the recommended mitigation measures for the coming month are listed in **Table 10.1**. The construction programmes of individual contracts are provided in [Appendix 10.1](#).

Table 10.1 Summary of Key Construction Activities of Individual Contract(s) to be commenced in Coming Reporting Month

| Contract No. | Key Construction Works | Recommended Mitigation Measures |
|--------------|---|---|
| HK/2012/08 | <ul style="list-style-type: none"> • Drainage • Utilities | <ul style="list-style-type: none"> • Dust control during dust generating works; • Implementation of proper noise pollution control; and • Provision of protection to ensure no runoff out of site area or direct discharge into public drainage system |